



CENTRAL VALLEY REGIONAL
WATER QUALITY CONTROL BOARD

A Compilation of
Water Quality Goals

July 2008



CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY



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Water Quality Goals

July 2008

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**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
CENTRAL VALLEY REGION**

CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY

PREFACE TO THE JULY 2008 EDITION

The text of this document is currently under revision.

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USING THIS REPORT

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SELECTING WATER QUALITY GOALS

The text of this document is currently under revision.



CROSS REFERENCE
OF
CHEMICAL NAMES

CROSS REFERENCE OF CHEMICAL NAMES

CONSTITUENT	Category	See Listing(s) Under:	CAS No.
A 2-AAF	Organic	2-Acetylaminofluorene	53-96-3
A-alpha-C	Organic	A-alpha-C	26148-68-5
Aatrex	Organic	Atrazine	1912-24-9
Abamectin	Organic	Avermectin B1	65195-55-3
Acenaphthene	Organic	Acenaphthene	83-32-9
Acenaphthylene	Organic	Acenaphthylene	208-96-8
Acephate	Organic	Acephate	30560-19-1
Acetaldehyde	Organic	Acetaldehyde	75-07-0
Acetaldehyde methylformylhydrazone	Organic	Gyromitrin	16568-02-8
Acetamide	Organic	Acetamide	60-35-5
2-Acetaminofluorene	Organic	2-Acetylaminofluorene	53-96-3
Acetic acid	Organic	Acetic acid	64-19-7
Acetic acid amide	Organic	Acetamide	60-35-5
Acetochlor	Organic	Acetochlor	34256-82-1
Acetone	Organic	Acetone	67-64-1
Acetonitrile	Organic	Acetonitrile	75-05-8
Acetophenone	Organic	Acetophenone	98-86-2
2-Acetylaminofluorene	Organic	2-Acetylaminofluorene	53-96-3
Acetylene	Organic	Acetylene	74-86-2
Acifluorfen	Organic	Acifluorfen	62476-59-9
Acrolein	Organic	Acrolein	107-02-8
Acrylamide	Organic	Acrylamide	79-06-1
Acrylic acid	Organic	Acrylic acid	79-10-7
Acrylonitrile	Organic	Acrylonitrile	107-13-1
Actinomycin D	Organic	Actinomycin D	50-76-0
Advantage	Organic	Carbosulfan	55285-14-8
AF-2	Organic	AF-2	3688-53-7
Aflatoxins	Organic	Aflatoxins	1402-68-2
Ag	Inorganic	Silver	7440-22-4
Al	Inorganic	Aluminum	7429-90-5
Alachlor	Organic	Alachlor	15972-60-8
Alanex	Organic	Alachlor	15972-60-8
Alanine nitrogen mustard	Organic	Melphalan	148-82-3
Alar	Organic	Daminozide	1596-84-5
Aldicarb	Organic	Aldicarb	116-06-3
Aldicarb sulfone	Organic	Aldicarb sulfone	1646-88-4
Aldicarb sulfoxide	Organic	Aldicarb sulfoxide	1646-87-3
Aldrin	Organic	Aldrin	309-00-2
Aldrosol	Organic	Aldrin	309-00-2
Aliette	Organic	Fosetyl-al	39148-24-8
Alkalinity	Inorganic	Alkalinity	
Alkeran	Organic	Melphalan	148-82-3
Ally	Organic	Ally	74223-64-6
Allyl alcohol	Organic	Allyl alcohol	107-18-6
Allyl chloride	Organic	3-Chloropropene	107-05-1
4-Allyl-1,2-methylenedioxybenzene	Organic	Safrole	94-59-7
Allyl trichloride	Organic	1,2,3-Trichloropropane	96-18-4
Alochlor	Organic	Alachlor	15972-60-8
Altrad	Organic	Estradiol 17B	50-28-2
Aluminum	Inorganic	Aluminum	7429-90-5
Aluminum phosphide	Inorganic	Aluminum phosphide	20859-73-8
Amber	Organic	Triasulfuron	82097-50-5
Amdro	Organic	Amdro	67485-29-4
Ametrex	Organic	Ametryn	834-12-8
Ametryn	Organic	Ametryn	834-12-8
Ametycine	Organic	Mitomycin C	50-07-7
Amiben	Organic	Chloramben	133-90-4
2-Amino-alpha-carboline	Organic	A-alpha-C	26148-68-5
1-Amino-4-chlorobenzene	Organic	p-Chloroaniline	106-47-8
4'-Amino-2,3-dimethylazobenzene	Organic	o-Aminoazotoluene	97-56-3
Amino-2,4-dimethylbenzene	Organic	2,4-Xylidine	1300-73-8
Amino-2,6-dimethylbenzene	Organic	2,6-Xylidine	87-62-7
2-Amino-3,4-dimethylimidazo[4,5-f]quinoline	Organic	MeIQ	77094-11-2
2-Amino-3,8-dimethylimidazo[4,5-f]quinoxaline	Organic	MeIQx	77500-04-0
2-Amino-9H-pyrido[2,3-b]indole	Organic	A-alpha-C	26148-68-5
2-Amino-6-methyldipyrido[1,2-a:3',2'-d]-imidazole	Organic	Glu-P-1	67730-11-4
2-Amino-3-methyl-9H-pyrido-[2,3-b]indole	Organic	Me-A-alpha-C	68006-83-7
2-Amino-3-methylimidazo[4,5-f]quinoline	Organic	IQ	76180-96-6
o-Aminoanisole	Organic	o-Anisidine	90-04-0
2-Aminoanthraquinone	Organic	2-Aminoanthraquinone	117-79-3
o-Aminoazotoluene	Organic	o-Aminoazotoluene	97-56-3
Aminobenzene	Organic	Aniline	62-53-3
4-Aminobiphenyl	Organic	4-Aminobiphenyl	92-67-1
1-Aminobutane	Organic	n-Butylamine	109-73-9
Aminocyclohexane	Organic	Cyclohexylamine	108-91-8
4-Aminodiphenyl	Organic	4-Aminobiphenyl	92-67-1
Aminoethane	Organic	Ethylamine	75-04-7
2-Aminoethanol	Organic	Ethanolamine	141-43-5
3-Amino-9-ethylcarbazole hydrochloride	Organic	3-Amino-9-ethylcarbazole hydrochloride	6109-97-3
Aminomethane	Organic	Methylamine	74-89-5
1-Amino-2-methylanthraquinone	Organic	1-Amino-2-methylanthraquinone	82-28-0
2-Aminonaphthalene	Organic	2-Methyl-1-nitroanthraquinone	129-15-7
2-Amino-5-(5-nitro-2-furyl)-1,3,4-thiadiazole	Organic	2-Amino-5-(5-nitro-2-furyl)-1,3,4-thiadiazole	712-68-5
2-Aminopropane	Organic	Isopropylamine	75-31-0
2-Aminopyrido[1,2-a:3',2'-d]-imidazole	Organic	Glu-P-2	67730-10-3

CROSS REFERENCE OF CHEMICAL NAMES

CONSTITUENT	Category	See Listing (s) Under:	CAS No.
2-Aminotoluene	Organic	o-Toluidine	95-53-4
3-Amino-1,2,4-triazole	Organic	Amitrole	61-82-5
Amitraz	Organic	Amitraz	33089-61-1
Amitrole	Organic	Amitrole	61-82-5
Ammonia	Inorganic	Ammonia	7664-41-7
Ammonium	Inorganic	Ammonia	7664-41-7
Ammonium nitroso-beta-phenylhydroxylamine	Organic	Cupferron	135-20-6
Ammonium sulfamate	Inorganic	Ammonium sulfamate	7773-06-0
n-Amyl acetate	Organic	n-Amyl acetate	628-63-7
Amyl aldehyde	Organic	n-Valeraldehyde	110-62-3
Aniline	Organic	Aniline	62-53-3
o-Anisidine	Organic	o-Anisidine	90-04-0
Antergon	Organic	Maleic hydrazide	123-33-1
Anthracene	Organic	Anthracene	120-12-7
Antimony	Inorganic	Antimony	7440-36-0
Antioxyne B	Organic	Butylated hydroxyanisole	25013-16-5
Apollo	Organic	Apollo	74115-24-5
Aquacide	Organic	Diquat	85-00-7
Aracide	Organic	Aramite	140-57-8
Aramite	Organic	Aramite	140-57-8
Arilate	Organic	Benomyl	17804-35-2
Aroclor	Organic	Polychlorinated biphenyls	1336-36-3
Arsenic	Inorganic	Arsenic	7440-38-2
Arsine	Inorganic	Arsine	7784-42-1
As	Inorganic	Arsenic	7440-38-2
Asbestos	Inorganic	Asbestos	1332-21-4
AsH ₃	Inorganic	Arsine	7784-42-1
Assure	Organic	Assure	76578-14-8
Asulam	Organic	Asulam	3337-71-1
Atranex	Organic	Atrazine	1912-24-9
Atrazine	Organic	Atrazine	1912-24-9
Auramine	Organic	Auramine	492-80-8
Avenge	Organic	Difenzoquat	43222-48-6
Avermectin B1	Organic	Avermectin B1	65195-55-3
9-Azafluorene	Organic	Carbazole	86-74-8
1-Azanaphthalene	Organic	Quinoline	91-22-5
Azaserine	Organic	Azaserine	115-02-6
Azathioprine	Organic	Azathioprine	446-86-6
Azide, sodium	Inorganic	Sodium azide	26628-22-8
Azimethiphos	Organic	Cyromazine	66215-27-8
Azinone	Organic	Norflurazon	27314-13-2
Azinphos-methyl	Organic	Azinphos-methyl	86-50-0
Azirdine	Organic	Ethyleneimine	151-56-4
Azoamine scarlet	Organic	5-Nitro-o-anisidine	99-59-2
Azobenzene	Organic	Azobenzene	103-33-3

B	Inorganic	Boron	7440-42-8
Ba	Inorganic	Barium	7440-39-3
Balan	Organic	Benefin	1861-40-1
Banner	Organic	Propiconazole	60207-90-1
Banvel	Organic	Dicamba	1918-00-9
BaP	Organic	Benzo(a)pyrene	50-32-8
Baridol	Organic	Estradiol 17B	50-28-2
Barium	Inorganic	Barium	7440-39-3
Basagran	Organic	Bentazon	25057-89-0
Basic lead acetate	Organic	Lead subacetate	1335-32-6
Basic parafuchsine	Organic	C. I. Basic Red 9 monohydrochloride	569-61-9
Basic Red 9 monohydrochloride	Organic	C. I. Basic Red 9 monohydrochloride	569-61-9
Basta	Organic	Glufosinate-ammonium	77182-82-2
Basudin	Organic	Diazinon	333-41-5
Baygon	Organic	Baygon	114-26-1
Bayleton	Organic	Bayleton	43121-43-3
Baythroid	Organic	Baythroid	68359-37-5
BCEE	Organic	Bis(2-chloroethyl) ether	111-44-4
BCIE	Organic	Bis(2-chloroisopropyl) ether	108-60-1
BCME	Organic	Bis(chloromethyl) ether	542-88-1
BDCM	Organic	Bromodichloromethane	75-27-4
BDE-153	Organic	2,2',4,4',5,5'-Hexabromodiphenyl ether	68631-49-2
BDE-47	Organic	2,2',4,4'-Tetrabromodiphenyl ether	5436-43-1
BDE-99	Organic	2,2',4,4',5-Pentabromodiphenyl ether	60348-60-9
BDE-209	Organic	Decabromodiphenyl ether	1163-19-5
Be	Inorganic	Beryllium	7440-41-7
Benefin	Organic	Benefin	1861-40-1
Benfluralin	Organic	Benefin	1861-40-1
Benlate	Organic	Benomyl	17804-35-2
Benomyl	Organic	Benomyl	17804-35-2
Benslyte	Organic	Phenoxybenzamine	59-96-1
Bentazon	Organic	Bentazon	25057-89-0
Benthiocarb	Organic	Thiobencarb	28249-77-6
Benzaldehyde	Organic	Benzaldehyde	100-52-7
Benzamine	Organic	Aniline	62-53-3
Benz(a)anthracene	Organic	Benz(a)anthracene	56-55-3
1,2-Benzanthracene	Organic	Benz(a)anthracene	56-55-3
1-Benzazine	Organic	Quinoline	91-22-5
Benzene	Organic	Benzene	71-43-2

CROSS REFERENCE OF CHEMICAL NAMES

CONSTITUENT	Category	See Listing(s) Under:	CAS No.
1,2-Benzenediamine	Organic	o-Phenylenediamine	95-54-5
1,2-Benzenedicarboxylic acid, 1,2-dihexyl ester	Organic	Di-n-hexyl phthalate	84-75-3
alpha-Benzene hexachloride	Organic	alpha-BHC	319-84-6
beta-Benzene hexachloride	Organic	beta-BHC	319-85-7
delta-Benzene hexachloride	Organic	delta-BHC	319-86-8
technical-Benzene hexachloride	Organic	technical-BHC	608-73-1
gamma-Benzene hexachloride	Organic	gamma-BHC (Lindane)	58-89-9
Benzenes, chlorinated	Organic	Chlorinated benzenes	
Benzenes, dichloro-	Organic	Dichlorobenzenes	25321-22-6
Benzenes, trichloro-	Organic	Trichlorobenzenes	12002-48-1
Benzidine	Organic	Benzidine	92-87-5
Benzo(a)anthracene	Organic	Benzo(a)anthracene	56-55-3
1,3-Benzodioxole	Organic	Dihydrosafrole	94-58-6
10,11-Benzofluoranthene	Organic	Benzo(j)fluoranthene	205-82-3
3,4-Benzofluoranthene	Organic	Benzo(b)fluoranthene	205-99-2
8,9-Benzofluoranthene	Organic	Benzo(k)fluoranthene	207-08-9
Benzo(b)fluoranthene	Organic	Benzo(b)fluoranthene	205-99-2
Benzo(j)fluoranthene	Organic	Benzo(j)fluoranthene	205-82-3
Benzo(k)fluoranthene	Organic	Benzo(k)fluoranthene	207-08-9
Benzofuran	Organic	Benzofuran	271-89-6
Benzoic acid	Organic	Benzoic acid	65-85-0
Benzo(g,h,i)perylene	Organic	Benzo(g,h,i)perylene	191-24-2
1,12-Benzoperylene	Organic	Benzo(g,h,i)perylene	191-24-2
Benzo(a)pyrene	Organic	Benzo(a)pyrene	50-32-8
3,4-Benzopyrene	Organic	Benzo(a)pyrene	50-32-8
Benzopyridine	Organic	Quinoline	91-22-5
1,4-Benzoquinone	Organic	Quinone	106-51-4
Benzo(trichloride)	Organic	Benzo(trichloride)	98-07-7
Benzyl butyl phthalate	Organic	n-Butyl benzyl phthalate	85-68-7
Benzyl chloride	Organic	Benzyl chloride	100-44-7
Benzyl violet 4B	Organic	Benzyl violet 4B	1694-09-3
Beryllium	Inorganic	Beryllium	7440-41-7
Beryllium oxide	Inorganic	Beryllium oxide	1304-56-9
Beryllium sulfate	Inorganic	Beryllium sulfate	13510-49-1
Betanal	Organic	Phenmedipham	13684-63-4
BHA	Organic	Butylated hydroxyanisole	25013-16-5
alpha-BHC	Organic	alpha-BHC	319-84-6
beta-BHC	Organic	beta-BHC	319-85-7
gamma-BHC	Organic	gamma-BHC (Lindane)	58-89-9
delta-BHC	Organic	delta-BHC	319-86-8
technical-BHC	Organic	technical-BHC	608-73-1
Bidrin	Organic	Dicrotophos	141-66-2
Bifenthrin	Organic	Bifenthrin	82657-04-3
Biofurcina	Organic	Nitrofurazone	59-87-0
Biphenthrin	Organic	Bifenthrin	82657-04-3
1,1-Biphenyl	Organic	1,1-Biphenyl	92-52-4
4-Biphenylamine	Organic	4-Aminobiphenyl	92-67-1
Bis(4-aminophenyl)ether	Organic	4,4'-Diaminodiphenyl ether	101-80-4
Bis-butyl phthalate	Organic	Di-n-butyl phthalate	84-74-2
Bis(2-chloro-1-methylethyl) ether	Organic	Bis(2-chloroisopropyl) ether	108-60-1
Bis(2-chloroethoxy) methane	Organic	Bis(2-chloroethoxy) methane	111-91-1
Bis(2-chloroethyl) ether	Organic	Bis(2-chloroethyl) ether	111-44-4
Bis(2-chloroisopropyl) ether	Organic	Bis(2-chloroisopropyl) ether	108-60-1
Bis(chloromethyl) ether	Organic	Bis(chloromethyl) ether	542-88-1
Bisclofentazine	Organic	Apollo	74115-24-5
Bis(p-(dimethylanino)phenyl)methane	Organic	4,4'-Methylenbis(N,N-dimethyl)aniline	101-61-1
Bis(2-ethylhexyl) phthalate	Organic	Di(2-ethylhexyl)phthalate	117-81-7
Bis-ethyl phthalate	Organic	Diethyl phthalate	84-66-2
Bis(4-hydroxyphenyl)propane	Organic	Bisphenol A	80-05-7
Bis-methyl phthalate	Organic	Dimethyl phthalate	131-11-3
Bis-n-octyl phthalate	Organic	Di(n-octyl) phthalate	117-84-0
Bis(pentabromophenyl) ether	Organic	Decabromodiphenyl ether	1163-19-5
Bisphenol A	Organic	Bisphenol A	80-05-7
Bivinyl	Organic	1,3-Butadiene	106-99-0
BLA	Organic	Lead subacetate	1335-32-6
Bladex	Organic	Cyanazine	21725-46-2
Blazer	Organic	Acifluorfen	62476-59-9
Bolero	Organic	Thiobencarb	28249-77-6
Boron	Inorganic	Boron	7440-42-8
BPBG	Organic	Butylphthalyl butylglycolate	85-70-1
Br-	Inorganic	Bromide	24959-67-9
Bravo	Organic	Chlorothalonil	1897-45-6
Brigade	Organic	Bifenthrin	82657-04-3
Bromacil	Organic	Bromacil	314-40-9
Bromate	Inorganic	Bromate	15541-45-4
2-Bromo-2-chloro-1,1,1-trifluoroethane	Organic	Halothane	151-67-7
Bromide	Inorganic	Bromide	24959-67-9
Bromine	Inorganic	Bromine	7726-95-6
Bromine cyanide	Inorganic	Cyanogen bromide	506-68-3
Bromoacetic acid	Organic	Bromoacetic acid	79-08-3
Bromobenzene	Organic	Bromobenzene	108-86-1
Bromochloromethane	Organic	Bromochloromethane	74-97-5
Bromodichloromethane	Organic	Bromodichloromethane	75-27-4
p-Bromodiphenyl ether	Organic	4-Bromophenyl phenyl ether	101-55-3
Bromoethane	Organic	Ethyl bromide	74-96-4

CROSS REFERENCE OF CHEMICAL NAMES

CONSTITUENT	Category	See Listing (s) Under:	CAS No.
Bromoethene	Organic	Vinyl bromide	593-60-2
Bromoethylene	Organic	Vinyl bromide	593-60-2
Bromoform	Organic	Bromoform	75-25-2
Bromomethane	Organic	Bromomethane	74-83-9
4-Bromophenyl phenyl ether	Organic	4-Bromophenyl phenyl ether	101-55-3
Bromoxynil	Organic	Bromoxynil	1689-84-5
Bromoxynil octanoate	Organic	Bromoxynil octanoate	1689-99-2
BTS 40542	Organic	Prochloraz	67747-09-5
Busan 85	Organic	Potassium dimethyldithiocarbamate	128-03-0
Butachlor	Organic	Butachlor	23184-66-9
1,3-Butadiene	Organic	1,3-Butadiene	106-99-0
Butane	Organic	Butane	106-97-8
Butanedioic acid mono(2,2-dimethyl hydrazide)	Organic	Daminozide	1596-84-5
1-Butanethiol	Organic	n-Butyl mercaptan	109-79-5
Butanex	Organic	Butachlor	23184-66-9
sec-Butanol	Organic	sec-Butyl alcohol	78-92-2
2-Butanol	Organic	sec-Butyl alcohol	78-92-2
t-Butanol	Organic	tert-Butyl alcohol	75-65-0
n-Butanol	Organic	n-Butanol	71-36-3
2-Butanone	Organic	Methyl ethyl ketone	78-93-3
trans-2-Butenal	Organic	trans-Crotonaldehyde	4170-30-3
Butiphos	Organic	Merphos oxide	78-48-8
2-Butoxy ethanol	Organic	Ethylene glycol monobutyl ether	111-76-2
Butter yellow	Organic	4-Dimethylaminoazobenzene	60-11-7
n-Butyl acetate	Organic	n-Butyl acetate	123-86-4
n-Butyl acrylate	Organic	n-Butyl acrylate	141-32-2
n-Butyl alcohol	Organic	n-Butanol	71-36-3
sec-Butyl alcohol	Organic	sec-Butyl alcohol	78-92-2
t-Butyl alcohol	Organic	tert-Butyl alcohol	75-65-0
tert-Butyl alcohol	Organic	tert-Butyl alcohol	75-65-0
n-Butylamine	Organic	n-Butylamine	109-73-9
Butylate	Organic	Butylate	2008-41-5
Butylated hydroxyanisole	Organic	Butylated hydroxyanisole	25013-16-5
n-Butylbenzene	Organic	n-Butylbenzene	104-51-8
sec-Butylbenzene	Organic	sec-Butylbenzene	135-98-8
tert-Butylbenzene	Organic	tert-Butylbenzene	98-06-6
n-Butyl benzyl phthalate	Organic	n-Butyl benzyl phthalate	85-68-7
Butyl glycolyl butyl phthalate	Organic	Butylphthalyl butylglycolate	85-70-1
n-Butyl lactate	Organic	n-Butyl lactate	138-22-7
n-Butyl mercaptan	Organic	n-Butyl mercaptan	109-79-5
2-(p-Butylphenoxy)-1-methylethyl-2-chloroethyl sulfite	Organic	Aramite	140-57-8
Butylphthalyl butylglycolate	Organic	Butylphthalyl butylglycolate	85-70-1
p-tert-Butyltoluene	Organic	p-tert-Butyltoluene	98-51-1
beta-Butyrolactone	Organic	beta-Butyrolactone	96-48-0
C			
CN-	Inorganic	Cyanide	57-12-5
Cadmium	Inorganic	Cadmium	7440-43-9
Calcium cyanide	Inorganic	Calcium cyanide	592-01-8
2-Camphanone	Organic	Camphor	464-49-3
Campechlor	Organic	Toxaphene	8001-35-2
Camphor	Organic	Camphor	464-49-3
Campogran	Organic	Furmecycloz	60568-05-0
Caprolactam	Organic	Caprolactam	105-60-2
Captafol	Organic	Captafol	191906
Captan	Organic	Captan	133-06-2
Carbamic acid, methyl ester	Organic	Methyl carbamate	598-55-0
Carbaryl	Organic	Carbaryl	63-25-2
Carbam-S	Organic	Sodium dimethyldithiocarbamate	128-04-1
Carbathiin	Organic	Carboxin	5234-68-4
Carbazole	Organic	Carbazole	86-74-8
Carbofuran	Organic	Carbofuran	1563-66-2
Carbon bisulfide	Inorganic	Carbon disulfide	75-15-0
Carbon disulfide	Inorganic	Carbon disulfide	75-15-0
Carbon tetrachloride	Organic	Carbon tetrachloride	56-23-5
Carbophenothion	Organic	Trithion	786-19-6
Carbosulfan	Organic	Carbosulfan	55285-14-8
Carboxin	Organic	Carboxin	5234-68-4
Carboxine	Organic	Carboxin	5234-68-4
Carboxybenzene	Organic	Benzoic acid	65-85-0
N-Carboxymethyl-N-nitrosourea	Organic	N-Carboxymethyl-N-nitrosourea	60391-92-6
Catechol	Organic	Catechol	120-80-9
Cd	Inorganic	Cadmium	7440-43-9
CDEC	Organic	Sulfallate	95-06-7
Celphos	Inorganic	Aluminum phosphide	20859-73-8
Chemform	Organic	Maleic hydrazide	123-33-1
Chloral hydrate	Organic	Chloral hydrate	302-17-0
Chloramben	Organic	Chloramben	133-90-4
Chlorambucil	Organic	Chlorambucil	305-03-3
Chloramine	Inorganic	Chloramine	127-65-1
Chlorate	Inorganic	Chlorate	14866-68-3
p-Chloro-m-cresol	Organic	4-Chloro-m-cresol	59-50-7
p-Chloro-o-cresol	Organic	4-Chloro-o-cresol	1570-64-5
Chlordan	Organic	Chlordane	57-74-9
Chlordane	Organic	Chlordane	57-74-9
Chlordecone	Organic	Kepone	143-50-0

CROSS REFERENCE OF CHEMICAL NAMES

CONSTITUENT	Category	See Listing (s) Under:	CAS No.
1-Chloro-3,4-diaminobenzene	Organic	4-Chloro-o-phenylenediamine	95-83-0
3-Chloro-4-(dichloromethyl)-5-hydroxy-2(5H)-furanone	Organic	MX	77439-76-0
Chlordimeform	Organic	Chlordimeform	6164-98-3
Chlorendic acid	Organic	Chlorendic acid	115-28-6
1-Chloro-2,3-epoxypropane	Organic	Epichlorohydrin	106-89-8
Chloride	Inorganic	Chloride	16887-00-6
Chlorimuron-ethyl	Organic	Chlorimuron-ethyl	90982-32-4
Chlorinated paraffins	Organic	Chlorinated paraffins	
Chlorinated benzenes	Organic	Chlorinated benzenes	
Chlorinated naphthalenes	Organic	Chlorinated naphthalenes	25586-43-0
Chlorinated phenols	Organic	Chlorinated phenols	
Chlorinated waxes	Organic	Chlorinated paraffins	
Chlorine	Inorganic	Chlorine	7782-50-5
Chlorine cyanide	Inorganic	Cyanogen chloride	506-77-4
Chlorine dioxide	Inorganic	Chlorine dioxide	10049-04-4
Chloro-IPC	Organic	Chloroprotham	101-21-3
Chlorite	Inorganic	Chlorite	7758-19-2
4-(Chloro-2-methoxyphenoxy)acetic acid	Organic	MCPA	94-74-6
4-Chloro-2-methylphenol	Organic	4-Chloro-o-cresol	1570-64-5
4-Chloro-3-methylphenol	Organic	4-Chloro-m-cresol	59-50-7
6-Chloro-3-methylphenol	Organic	6-Chloro-m-cresol	615-74-7
2-Chloro-5-methylphenol	Organic	6-Chloro-m-cresol	615-74-7
1-Chloro-2-methylpropene	Organic	Dimethylvinylchloride	513-37-1
Chloroacetic acid	Organic	Chloroacetic acid	79-11-8
Chloroalkyl ethers	Organic	Chloroalkyl ethers	
2-Chloroallyl-diethyldithiocarbamate	Organic	Sulfallate	95-06-7
4-Chloroaniline	Organic	p-Chloroaniline	106-47-8
p-Chloroaniline	Organic	p-Chloroaniline	106-47-8
Chlorobenzene	Organic	Chlorobenzene	108-90-7
Chlorobenzilate	Organic	Ethyl-4,4'-dichlorobenzilate	510-15-6
Chlorobromomethane	Organic	Bromochloromethane	74-97-5
2-Chlorobutadiene-1,3	Organic	beta-Chloroprene	126-99-8
Chlorocamphene	Organic	Toxaphene	8001-35-2
4-Chloro-m-cresol	Organic	4-Chloro-m-cresol	59-50-7
4-Chloro-o-cresol	Organic	4-Chloro-o-cresol	1570-64-5
6-Chloro-m-cresol	Organic	6-Chloro-m-cresol	615-74-7
Chlorodibromomethane	Organic	Dibromochloromethane	124-48-1
Chloroethane	Organic	Chloroethane	75-00-3
Chloroethene	Organic	Vinyl chloride	75-01-4
Chloroethylaminobenzeneacetate	Organic	Phenesterin	601472
Chloroethylene	Organic	Vinyl chloride	75-01-4
2-Chloroethylphosphonic acid	Organic	Ethephon	16672-87-0
Chloroform	Organic	Chloroform	67-66-3
Chlorofos	Organic	Trichlorfon	52-68-6
1-Chloroisobutene	Organic	Dimethylvinylchloride	513-37-1
3-Chloroisobutylene	Organic	3-Chloro-2-methylpropene	563-47-3
Chloromethane	Organic	Chloromethane	74-87-3
Chloromethoxymethane	Organic	Chloromethyl methyl ether	107-30-2
Chloromethyl ether	Organic	Bis(chloromethyl) ether	542-88-1
Chloromethyl methyl ether	Organic	Chloromethyl methyl ether	107-30-2
3-Chloro-2-methylpropene	Organic	3-Chloro-2-methylpropene	563-47-3
beta-Chloronaphthalene	Organic	2-Chloronaphthalene	91-58-7
2-Chloronaphthalene	Organic	2-Chloronaphthalene	91-58-7
m-Chlorophenol	Organic	3-Chlorophenol	108-43-0
o-Chlorophenol	Organic	2-Chlorophenol	95-57-8
p-Chlorophenol	Organic	4-Chlorophenol	106-48-9
2-Chlorophenol	Organic	2-Chlorophenol	95-57-8
3-Chlorophenol	Organic	3-Chlorophenol	108-43-0
4-Chlorophenol	Organic	4-Chlorophenol	106-48-9
4-Chloro-o-phenylenediamine	Organic	4-Chloro-o-phenylenediamine	95-83-0
Chlorophenylmethane	Organic	Benzyl chloride	100-44-7
Chloropicrin	Organic	Chloropicrin	76-06-2
beta-Chloroprene	Organic	beta-Chloroprene	126-99-8
3-Chloropropene	Organic	3-Chloropropene	107-05-1
Chloropropylene	Organic	Epichlorohydrin	106-89-8
Chlorothalonil	Organic	Chlorothalonil	1897-45-6
alpha-Chlorotoluene	Organic	Benzyl chloride	100-44-7
o-Chlorotoluene	Organic	2-Chlorotoluene	95-49-8
p-Chlorotoluene	Organic	4-Chlorotoluene	106-43-4
2-Chlorotoluene	Organic	2-Chlorotoluene	95-49-8
4-Chlorotoluene	Organic	4-Chlorotoluene	106-43-4
p-Chloro-o-toluidine	Organic	p-Chloro-o-toluidine	95-69-2
Chlorozotocin	Organic	Chlorozotocin	54749-90-5
Chloroprotham	Organic	Chloroprotham	101-21-3
Chlorpyrifos	Organic	Chlorpyrifos	2921-88-2
2-(4-((6-Chloro-2-quinoxalinyloxy)phenoxy)propanoic acid ethyl ester	Organic	Assure	76578-14-8
Chlorsulfuron	Organic	Chlorsulfuron	64902-72-3
Chlorthal	Organic	2,3,5,6-Tetrachloroterephthalate	2136-79-0
Chromium (III)	Inorganic	Chromium (III)	16065-83-1
Chromium (VI)	Inorganic	Chromium (VI)	18540-29-9
Chromium, hexavalent	Inorganic	Chromium (VI)	18540-29-9
Chromium (total)	Inorganic	Chromium (total)	7440-47-3
Chromium, trivalent	Inorganic	Chromium (III)	16065-83-1
Chrysanthemumic acid	Organic	Dimethrin	70-38-2
Chrysazin	Organic	Dantron	117-10-2

CROSS REFERENCE OF CHEMICAL NAMES

CONSTITUENT	Category	See Listing (s) Under:	CAS No.
Chrysene	Organic	Chrysene	218-01-9
C.I. Basic Red 9 monohydrochloride	Organic	C.I. Basic Red 9 monohydrochloride	569-61-9
C.I. Direct Blue 218	Organic	C.I. Direct Blue 218	28407-37-6
C.I. Disperse orange 11	Organic	1-Amino-2-methylantraquinone	82-28-0
Cinnamyl anthranilate	Organic	Cinnamyl anthranilate	87-29-6
CIPC	Organic	Chlorpropham	101-21-3
Cl-	Inorganic	Chloride	16887-00-6
Cl ₂	Inorganic	Chlorine	7782-50-5
ClO ₂	Inorganic	Chlorine dioxide	10049-04-4
ClO ₂ ⁻	Inorganic	Chlorite	7758-19-2
ClO ₃ ⁻	Inorganic	Chlorate	14866-68-3
ClO ₄ ⁻	Inorganic	Perchlorate	14797-73-0
Clofentazine	Organic	Apollo	74115-24-5
CMME	Organic	Chloromethyl methyl ether	107-30-2
Co	Inorganic	Cobalt	7440-48-4
Cobalt	Inorganic	Cobalt	7440-48-4
Cobra	Organic	Lactofen	77501-63-4
Color	Inorganic	Color	
Combat	Organic	Amdro	67485-29-4
Conductivity	Inorganic	Electrical Conductivity	
Contraven	Organic	Terbufos	13071-79-9
Copper	Inorganic	Copper	7440-50-8
Copper cyanide	Inorganic	Copper cyanide	544-92-3
Corrosivity	Inorganic	Corrosivity	
Cotoron	Organic	Fluometuron	2164-17-2
Cottonex	Organic	Fluometuron	2164-17-2
Coumadin	Organic	Warfarin	81-81-2
Coumafen	Organic	Warfarin	81-81-2
Counter	Organic	Terbufos	13071-79-9
Coxistat	Organic	Nitrofurazone	59-87-0
p-Cresidine	Organic	p-Cresidine	120-71-8
m-Cresol	Organic	m-Cresol	108-39-4
o-Cresol	Organic	o-Cresol	95-48-7
p-Cresol	Organic	p-Cresol	106-44-5
Cr (III)	Inorganic	Chromium (III)	16065-83-1
Cr (VI)	Inorganic	Chromium (VI)	18540-29-9
Cr (total)	Inorganic	Chromium (total)	7440-47-3
Crisazina	Organic	Atrazine	1912-24-9
Crisuron	Organic	Diuron	330-54-1
Crotaline	Organic	Monocrotaline	315-22-0
trans-Crotonaldehyde	Organic	trans-Crotonaldehyde	4170-30-3
CS ₂	Inorganic	Carbon disulfide	75-15-0
Cu	Inorganic	Copper	7440-50-8
Cumene	Organic	Cumene	98-82-8
Cupferron	Organic	Cupferron	135-20-6
Cupricin	Inorganic	Copper cyanide	544-92-3
Cuprous cyanide	Inorganic	Copper cyanide	544-92-3
Cutlass	Organic	Flurprimidol	56425-91-3
Cyanazine	Organic	Cyanazine	21725-46-2
Cyanide	Inorganic	Cyanide	57-12-5
Cyanide, copper	Inorganic	Copper cyanide	544-92-3
Cyanide, potassium	Inorganic	Potassium cyanide	151-50-8
Cyanide, silver	Inorganic	Silver cyanide	506-64-9
Cyanide, sodium	Inorganic	Sodium cyanide	143-33-9
Cyanide, zinc	Inorganic	Zinc cyanide	557-21-1
Cyanoethylene	Organic	Acrylonitrile	107-13-1
Cyanogen	Organic	Cyanogen	460-19-5
Cyanogen bromide	Inorganic	Cyanogen bromide	506-68-3
Cyanogen chloride	Inorganic	Cyanogen chloride	506-77-4
Cyanomethane	Organic	Acetonitrile	75-05-8
2-Cyanopropene	Organic	Methacrylonitrile	126-98-7
Cyclohexane	Organic	Cyclohexane	110-82-7
Cyclohexanol	Organic	Cyclohexanol	108-93-0
Cyclohexanone	Organic	Cyclohexanone	108-94-1
Cyclohexene	Organic	Cyclohexene	110-83-8
Cyclohexylamine	Organic	Cyclohexylamine	108-91-8
Cyclonite	Organic	RDX (Cyclonite)	121-82-4
Cyclopentadiene	Organic	Cyclopentadiene	542-92-7
Cyclophosphamide	Organic	Cyclophosphamide	50-18-0
Cyclotetramethylene oxide	Organic	Tetrahydrofuran	109-99-9
Cyclotetramethylene tetranitramine	Organic	HMX	2691-41-0
Cyfluthrin	Organic	Baythroid	68359-37-5
Cygon	Organic	Dimethoate	60-51-5
Cyhalothrin	Organic	Cyhalothrin	68085-85-8
Cypermethrin	Organic	Cypermethrin	52315-07-8
Cyromazine	Organic	Cyromazine	66215-27-8
Cythion	Organic	Malathion	121-75-5
D			
2,4-D	Organic	2,4-D	94-75-7
Dacarbazine	Organic	Dacarbazine	891986
Daconil	Organic	Chlorothalonil	1897-45-6
Dacthal (DCPA)	Organic	Dacthal (DCPA)	1861-32-1
Dactinomycin	Organic	Actinomycin D	50-76-0
Dalapon	Organic	Dalapon	75-99-0
Daminozide	Organic	Daminozide	1596-84-5

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CONSTITUENT	Category	See Listing (s) Under:	CAS No.
Danitol	Organic	Danitol	39515-41-8
Dantron	Organic	Dantron	117-10-2
Dazide	Organic	Daminozide	1596-84-5
2,4-DB	Organic	2,4-Dichlorophenoxybutyric acid	94-82-6
DBCP	Organic	1,2-Dibromo-3-chloropropane	96-12-8
DBDPE	Organic	Decabromodiphenyl ether	1163-19-5
DBNA	Organic	N-Nitrosodi-n-butylamine	924-16-3
2,4-D butyric acid	Organic	2,4-Dichlorophenoxybutyric acid	94-82-6
1,1-DCA	Organic	1,1-Dichloroethane	75-34-3
1,2-DCA	Organic	1,2-Dichloroethane	107-06-2
DCB	Organic	3,3'-Dichlorobenzidine	91-94-1
o-DCB	Organic	1,2-Dichlorobenzene	95-50-1
p-DCB	Organic	1,4-Dichlorobenzene	106-46-7
1,1-DCE	Organic	1,1-Dichloroethylene	75-35-4
cis-1,2-DCE	Organic	cis-1,2-Dichloroethylene	156-59-2
trans-1,2-DCE	Organic	trans-1,2-Dichloroethylene	156-60-5
DCPA	Organic	Dacthal (DCPA)	1861-32-1
D&C Red No. 9	Organic	D&C Red No. 9	2092-56-0
D&C Red No. 5	Organic	Ponceau MC	3761-53-3
D-D, components of	Organic	1,2-Dichloropropane	78-87-5
	Organic	1,3-Dichloropropene	542-75-6
DDD	Organic	DDD	72-54-8
4,4'-DDD	Organic	DDD	72-54-8
DDE	Organic	DDE	72-55-9
4,4'-DDE	Organic	DDE	72-55-9
DDT	Organic	DDT	50-29-3
4,4'-DDT	Organic	DDT	50-29-3
DDVP	Organic	Dichlorvos	62-73-7
DEA	Organic	Diethanolamine	111-42-2
Decabromodiphenyl ether	Organic	Decabromodiphenyl ether	1163-19-5
Dechlorane	Organic	Mirex	2385-85-5
De-Fend	Organic	Dimethoate	60-51-5
DEHA	Organic	Di(2-ethylhexyl)adipate	103-23-1
DEHP	Organic	Di(2-ethylhexyl)phthalate	117-81-7
Demeton	Organic	Demeton	8065-48-3
DEN	Organic	N-Nitrosodiethylamine	55-18-5
Dermofural	Organic	Nitrofurazone	59-87-0
DES	Organic	Diethylstilbestrol	56-53-1
Devrinol	Organic	Napropamide	15299-99-7
DGRE	Organic	Diglycidyl resorcinol ether	101-90-6
Diacetone alcohol	Organic	Diacetone alcohol	123-42-2
Dialon	Organic	Diuron	330-54-1
Diamine	Inorganic	Hydrazine	302-01-2
2,4-Diaminoanisole	Organic	2,4-Diaminoanisole	615-05-4
2,4-Diaminoanisole sulfate	Organic	2,4-Diaminoanisole sulfate	39156-41-7
1,3-Diaminobenzene	Organic	m-Phenylenediamine	108-45-2
1,2-Diaminobenzene	Organic	o-Phenylenediamine	95-54-5
o-Diaminobenzene	Organic	o-Phenylenediamine	95-54-5
p-Diaminodiphenyl	Organic	Benzidine	92-87-5
4,4'-Diaminodiphenyl ether	Organic	4,4'-Diaminodiphenyl ether	101-80-4
1,2-Diaminoethane	Organic	Ethylenediamine	107-15-3
2,4-Diaminotoluene	Organic	2,4-Diaminotoluene	95-80-7
2,6-Diamino-3-phenylazopyridine	Organic	Phenazopyridine	94-78-0
o-Dianisidine	Organic	3,3'-Dimethoxybenzidine	119-90-4
Diazine blue	Organic	Direct Blue 6	2602-46-2
Diazinon	Organic	Diazinon	333-41-5
Dibam	Organic	Sodium dimethyldithiocarbamate	128-04-1
Dibenz(a,h)acridine	Organic	Dibenz(a,h)acridine	226-36-8
Dibenz(a,j)acridine	Organic	Dibenz(a,j)acridine	224-42-0
1,2:5,6-Dibenzanthracene	Organic	Dibenz(a,h)anthracene	53-70-3
Dibenz(a,h)anthracene	Organic	Dibenz(a,h)anthracene	53-70-3
Dibenzo(a,h)anthracene	Organic	Dibenz(a,h)anthracene	53-70-3
7H-Dibenzo(c,g)carbazole	Organic	7H-Dibenzo(c,g)carbazole	194-59-2
Dibenzo(a,e)pyrene	Organic	Dibenzo(a,e)pyrene	192-65-4
Dibenzo(a,h)pyrene	Organic	Dibenzo(a,h)pyrene	189-64-0
Dibenzo(a,i)pyrene	Organic	Dibenzo(a,i)pyrene	189-55-9
Dibenzo(a,l)pyrene	Organic	Dibenzo(a,l)pyrene	191-30-0
Dibenzopyrrole	Organic	Carbazole	86-74-8
Dibenzyliline	Organic	Phenoxybenzamine	59-96-1
Dibrom	Organic	Naled	300-76-5
2,6-Dibromo-4-cyanophenol	Organic	Bromoxynil	1689-84-5
3,5-Dibromo-4-hydroxybenzoxonitrile	Organic	Bromoxynil	1689-84-5
Dibromoacetic acid	Organic	Dibromoacetic acid	631-64-1
Dibromoacetone nitrile	Organic	Dibromoacetone nitrile	3252-43-5
1,4-Dibromobenzene	Organic	1,4-Dibromobenzene	106-37-6
Dibromochloromethane	Organic	Dibromochloromethane	124-48-1
Dibromochloropropane	Organic	1,2-Dibromo-3-chloropropane	96-12-8
1,2-Dibromo-3-chloropropane	Organic	1,2-Dibromo-3-chloropropane	96-12-8
1,2-Dibromoethane	Organic	1,2-Dibromoethane	106-93-4
Dibutyl nitrosamine	Organic	N-Nitrosodi-n-butylamine	924-16-3
Di-n-butyl phthalate	Organic	Di-n-butyl phthalate	84-74-2
Dibutylphthalate	Organic	Di-n-butyl phthalate	84-74-2
Dicamba	Organic	Dicamba	1918-00-9
1,1-Dichloro-2,2-bis(p-chlorophenyl)ethane	Organic	DDD	72-54-8
2,4-Dichloro-1-(4-nitrophenoxy)benzene	Organic	Nitrofen	1836-75-5

CROSS REFERENCE OF CHEMICAL NAMES

CONSTITUENT	Category	See Listing (s) Under:	CAS No.
Dichloroacetic acid	Organic	Dichloroacetic acid	79-43-6
Dichloroacetoneitrile	Organic	Dichloroacetoneitrile	3018-12-0
m-Dichlorobenzene	Organic	1,3-Dichlorobenzene	541-73-1
o-Dichlorobenzene	Organic	1,2-Dichlorobenzene	95-50-1
p-Dichlorobenzene	Organic	1,4-Dichlorobenzene	106-46-7
1,2-Dichlorobenzene	Organic	1,2-Dichlorobenzene	95-50-1
1,3-Dichlorobenzene	Organic	1,3-Dichlorobenzene	541-73-1
1,4-Dichlorobenzene	Organic	1,4-Dichlorobenzene	106-46-7
Dichlorobenzenes	Organic	Dichlorobenzenes	25321-22-6
3,3'-Dichlorobenzidine	Organic	3,3'-Dichlorobenzidine	91-94-1
Dichlorobromomethane	Organic	Bromodichloromethane	75-27-4
2,2'-Dichlorodiethyl ether	Organic	Bis(2-chloroethyl) ether	111-44-4
Dichlorodiethyl formal	Organic	Bis(2-chloroethoxy) methane	111-91-1
Dichlorodifluoromethane	Organic	Dichlorodifluoromethane	75-71-8
Dichlorodimethyl ether	Organic	Bis(chloromethyl) ether	542-88-1
Dichlorodimethylvinylphosphate	Organic	Dichlorvos	62-73-7
Dichlorodiphenyldichloroethane	Organic	DDD	72-54-8
Dichlorodiphenyldichloroethylene	Organic	DDE	72-55-9
Dichlorodiphenyltrichloroethane	Organic	DDT	50-29-3
1,1-Dichloroethane	Organic	1,1-Dichloroethane	75-34-3
1,2-Dichloroethane	Organic	1,2-Dichloroethane	107-06-2
1,1-Dichloroethene	Organic	1,1-Dichloroethylene	75-35-4
cis-1,2-Dichloroethene	Organic	cis-1,2-Dichloroethylene	156-59-2
trans-1,2-Dichloroethene	Organic	trans-1,2-Dichloroethylene	156-60-5
Dichloroethenes	Organic	Dichloroethylenes	
1,1-Dichloroethylene	Organic	1,1-Dichloroethylene	75-35-4
cis-1,2-Dichloroethylene	Organic	cis-1,2-Dichloroethylene	156-59-2
trans-1,2-Dichloroethylene	Organic	trans-1,2-Dichloroethylene	156-60-5
Dichloroethylenes	Organic	Dichloroethylenes	
symmetrical-Dichloroethyl ether	Organic	Bis(2-chloroethyl) ether	111-44-4
Dichloroethyl formal	Organic	Bis(2-chloroethoxy) methane	111-91-1
Dichloromethane	Organic	Dichloromethane	75-09-2
2,3-Dichlorophenol	Organic	2,3-Dichlorophenol	576-24-9
2,4-Dichlorophenol	Organic	2,4-Dichlorophenol	120-83-2
2,5-Dichlorophenol	Organic	2,5-Dichlorophenol	583-78-8
2,6-Dichlorophenol	Organic	2,6-Dichlorophenol	87-65-0
3,4-Dichlorophenol	Organic	3,4-Dichlorophenol	95-77-2
2,4-Dichlorophenoxyacetic acid	Organic	2,4-D	94-75-7
2,4-Dichlorophenoxybutyric acid	Organic	2,4-Dichlorophenoxybutyric acid	94-82-6
1,2-Dichloropropane	Organic	1,2-Dichloropropane	78-87-5
Dichloropropanes	Organic	Dichloropropanes	26638-19-7
2,3-Dichloropropanol	Organic	2,3-Dichloropropanol	616-23-9
1,3-Dichloropropene	Organic	1,3-Dichloropropene	542-75-6
Dichloropropenes	Organic	Dichloropropenes	
2,2-Dichloropropionic acid	Organic	Dalapon	75-99-0
1,3-Dichloropropylene	Organic	1,3-Dichloropropene	542-75-6
Dichlorvos	Organic	Dichlorvos	62-73-7
Dicrotophos	Organic	Dicrotophos	141-66-2
Dieldrin	Organic	Dieldrin	60-57-1
Diesel Oil	Organic	Diesel Oil	68476-34-6
Diethanolamine	Organic	Diethanolamine	111-42-2
Diethanolnitrosamine	Organic	N-Nitrosodiethanolamine	1116-54-7
Diethion	Organic	Ethion	563-12-2
Diethylamine	Organic	Diethylamine	109-89-7
Diethyldithiocarbamate, sodium	Organic	Sodium diethyldithiocarbamate	148-18-5
Diethylene ether	Organic	1,4-Dioxane	123-91-1
Diethylhexyl adipate	Organic	Di(2-ethylhexyl)adipate	103-23-1
Di(2-ethylhexyl)adipate	Organic	Di(2-ethylhexyl)adipate	103-23-1
Di(2-ethylhexyl)phthalate	Organic	Di(2-ethylhexyl)phthalate	117-81-7
Diethyl ketone	Organic	Diethyl ketone	96-22-0
Diethylnitrosamine	Organic	N-Nitrosodiethylamine	55-18-5
Diethyl phthalate	Organic	Diethyl phthalate	84-66-2
Diethylstilbestrol	Organic	Diethylstilbestrol	56-53-1
Diethyl sulfate	Organic	Diethyl sulfate	64-67-5
Difenzoquat	Organic	Difenzoquat	43222-48-6
Diffubenzuron	Organic	Diffubenzuron	35367-38-5
Difluorodichloromethane	Organic	Dichlorodifluoromethane	75-71-8
Difolatan	Organic	Captafol	191906
Difonate	Organic	Fonofos	944-22-9
Diglycidyl resorcinol ether	Organic	Diglycidyl resorcinol ether	101-90-6
Dihexyl phthalate	Organic	Di-n-hexyl phthalate	84-75-3
Di-n-hexyl phthalate	Organic	Di-n-hexyl phthalate	84-75-3
1,2-Dihydroacenaphthylene	Organic	Acenaphthene	83-32-9
Dihydrosafrole	Organic	Dihydrosafrole	94-58-6
1,8-Dihydroxyanthraquinone	Organic	Dantron	117-10-2
Diisobutyl ketone	Organic	Diisobutyl ketone	108-83-8
Diisocyanatotoluene	Organic	Toluene diisocyanate	26471-62-5
Diisopropylamine	Organic	Diisopropylamine	108-18-9
Di-isopropyl ether	Organic	Isopropyl ether	108-20-3
Diisopropyl methyl phosphonate	Organic	Diisopropyl methyl phosphonate	1445-75-6
1,4,5,8-Dimethanonaphthalene	Organic	Aldrin	309-00-2
Dimethipin	Organic	Dimethipin	55290-64-7
Dimethoate	Organic	Dimethoate	60-51-5
3,3'-Dimethoxybenzidine	Organic	3,3'-Dimethoxybenzidine	119-90-4
Dimethrin	Organic	Dimethrin	70-38-2

CROSS REFERENCE OF CHEMICAL NAMES

CONSTITUENT	Category	See Listing(s) Under:	CAS No.
Dimethylamine	Organic	Dimethylamine	124-40-3
p-Dimethylaminoazobenzene	Organic	4-Dimethylaminoazobenzene	60-11-7
4-Dimethylaminoazobenzene	Organic	4-Dimethylaminoazobenzene	60-11-7
4,4-Dimethylaminobenzo-phenonimide	Organic	Auramine	492-80-8
trans-2-[(Dimethylamino)methylimino]-5-[2-(5-nitro-2-furyl)vinyl]-1,3,4-oxadiazole	Organic	trans-2-[(Dimethylamino)methylimino]-5-[2-(5-nitro-2-furyl)vinyl]-1,3,4-oxadiazole	55738-54-0
2,6-Dimethylaniline	Organic	2,6-Xylidine	87-62-7
2,4-Dimethylaniline	Organic	2,4-Xylidine	1300-73-8
N,N-Dimethylaniline	Organic	N,N-Dimethylaniline	121-69-7
7,12-Dimethylbenz(a)anthracene	Organic	7,12-Dimethylbenz(a)anthracene	57-97-6
3,3'-Dimethylbenzidine	Organic	3,3'-Dimethylbenzidine	119-93-7
2,4-Dimethylbenzylester	Organic	Dimethrin	70-38-2
Dimethylcarbamoyl chloride	Organic	Dimethylcarbamoyl chloride	79-44-7
Dimethylcarbamyl chloride	Organic	Dimethylcarbamoyl chloride	79-44-7
N,N-Dimethylformamide	Organic	N,N-Dimethylformamide	68-12-2
2,6-Dimethyl-4-heptanone	Organic	Diisobutyl ketone	108-83-8
symmetrical-Dimethylhydrazine	Organic	1,2-Dimethylhydrazine	540-73-8
unsymmetrical-Dimethylhydrazine	Organic	1,1-Dimethylhydrazine	57-14-7
1,1-Dimethylhydrazine	Organic	1,1-Dimethylhydrazine	57-14-7
1,2-Dimethylhydrazine	Organic	1,2-Dimethylhydrazine	540-73-8
Dimethylketone	Organic	Acetone	67-64-1
Dimethyl methylphosphonate	Organic	Dimethyl methylphosphonate	756-79-6
Dimethylnitrosamine	Organic	N-Nitrosodimethylamine	62-75-9
2,4-Dimethylphenol	Organic	2,4-Dimethylphenol	105-67-9
2,6-Dimethylphenol	Organic	2,6-Dimethylphenol	576-26-1
3,4-Dimethylphenol	Organic	3,4-Dimethylphenol	95-65-8
Dimethyl phthalate	Organic	Dimethyl phthalate	131-11-3
Dimethyl p-phthalate	Organic	Dimethyl terephthalate	120-61-6
Dimethyl sulfate	Organic	Dimethyl sulfate	77-78-1
Dimethyl terephthalate	Organic	Dimethyl terephthalate	120-61-6
Dimethylvinylchloride	Organic	Dimethylvinylchloride	513-37-1
DIMP	Organic	Diisopropyl methyl phosphonate	1445-75-6
4,6-Dinitro-2-methylphenol	Organic	4,6-Dinitro-o-cresol	534-52-1
m-Dinitrobenzene	Organic	1,3-Dinitrobenzene	99-65-0
1,3-Dinitrobenzene	Organic	1,3-Dinitrobenzene	99-65-0
4,6-Dinitro-o-cresol	Organic	4,6-Dinitro-o-cresol	534-52-1
4,6-Dinitro-o-cyclohexyl phenol	Organic	4,6-Dinitro-o-cyclohexyl phenol	131-89-5
2,4-Dinitrophenol	Organic	2,4-Dinitrophenol	51-28-5
Dinitrophenols	Organic	Dinitrophenols	25550-58-7
1,6-Dinitropyrene	Organic	1,6-Dinitropyrene	42397-64-8
1,8-Dinitropyrene	Organic	1,8-Dinitropyrene	42397-65-9
2,4-Dinitrotoluene	Organic	2,4-Dinitrotoluene	121-14-2
2,6-Dinitrotoluene	Organic	2,6-Dinitrotoluene	606-20-2
Dinitrotoluenes	Organic	Dinitrotoluenes	25321-14-6
Dinoseb	Organic	Dinoseb	88-85-7
Di(n-octyl) phthalate	Organic	Di(n-octyl) phthalate	117-84-0
p-Dioxane	Organic	1,4-Dioxane	123-91-1
1,4-Dioxane	Organic	1,4-Dioxane	123-91-1
Dioxin	Organic	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6
Dioxin-like compounds	Organic	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4
	Organic	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7
	Organic	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9
	Organic	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9
	Organic	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6
	Organic	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4
	Organic	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9
	Organic	2,3,3',4',4',5',5'-Heptachlorobiphenyl	39635-31-9
	Organic	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9
	Organic	2,3,3',4',4',5'-Hexachlorobiphenyl	69782-90-7
	Organic	2,3,3',4',4',5'-Hexachlorobiphenyl	38380-08-4
	Organic	2,3',4,4',5,5'-Hexachlorobiphenyl	52663-72-6
	Organic	3,3',4,4',5,5'-Hexachlorobiphenyl	32774-16-6
	Organic	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6
	Organic	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7
	Organic	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3
	Organic	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9
	Organic	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5
	Organic	Octachlorodibenzo-p-dioxin	3268-87-9
	Organic	Octachlorodibenzofuran	39001-02-0
	Organic	2,3,3',4',4'-Pentachlorobiphenyl	332598-14-4
	Organic	2,3,4,4',5-Pentachlorobiphenyl	74472-37-0
	Organic	2',3,4,4',5-Pentachlorobiphenyl	65510-44-3
	Organic	2,3',4,4',5-Pentachlorobiphenyl	31508-00-6
	Organic	3,3',4,4',5-Pentachlorobiphenyl	57465-28-8
	Organic	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4
	Organic	3,3',4,4'-Tetrachlorobiphenyl	32598-13-3
	Organic	3,4,4',5-Tetrachlorobiphenyl	70362-50-4
DIPE	Organic	Isopropyl ether	108-20-3
Diphenamid(e)	Organic	Diphenamid(e)	957-51-7
Diphenamide	Organic	Diphenamid(e)	957-51-7
Diphenyl	Organic	1,1-Biphenyl	92-52-4
Diphenylamine	Organic	Diphenylamine	122-39-4
Diphenyldiimide	Organic	Azobenzene	103-33-3
Diphenyleneimine	Organic	Carbazole	86-74-8
Diphenyl ether	Organic	Phenyl ether	101-84-8
1,2-Diphenylhydrazine	Organic	1,2-Diphenylhydrazine	122-66-7

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CONSTITUENT	Category	See Listing(s) Under:	CAS No.
Diphenylnitrosamine	Organic	N-Nitrosodiphenylamine	86-30-6
Diphenylnitrosamine	Organic	p-Nitrosodiphenylamine	156-10-5
Dipropylnitrosamine	Organic	N-Nitrosodipropylamine	621-64-7
Dipterex	Organic	Trichlorfon	52-68-6
Diquat	Organic	Diquat	85-00-7
Diram	Organic	Sodium dimethyldithiocarbamate	128-04-1
Direct Black 38	Organic	Direct Black 38	1937-37-7
Direct Blue 6	Organic	Direct Blue 6	2602-46-2
Direct Blue 218	Organic	C.I. Direct Blue 218	28407-37-6
Direct Brown 95	Organic	Direct Brown 95	16071-86-6
Direct Brown BR	Organic	m-Phenylenediamine	108-45-2
Direct Brown GG	Organic	m-Phenylenediamine	108-45-2
Diridone	Organic	Phenazopyridine	94-78-0
Disodium cyanodithioamidecarbonate	Organic	Disodium cyanodithioimidocarbonate	138-93-2
Disodium cyanodithiocarbamate	Organic	Disodium cyanodithioimidocarbonate	138-93-2
Disodium cyanodithioimidocarbonate	Organic	Disodium cyanodithioimidocarbonate	138-93-2
Disperse Blue 1	Organic	Disperse Blue 1	2475-45-8
Disperse Orange 11	Organic	1-Amino-2-methylantraquinone	82-28-0
Dissolved Oxygen	Inorganic	Oxygen, dissolved	7782-44-7
Disulfoton	Organic	Disulfoton	298-04-4
Disyston	Organic	Disulfoton	298-04-4
Dithane M-22	Organic	Maneb	12427-38-2
Dithane Z-78	Organic	Zineb	12122-67-7
1,4-Dithiane	Organic	1,4-Dithiane	505-29-3
Dithiocarb	Organic	Sodium diethyldithiocarbamate	148-18-5
Diuron	Organic	Diuron	330-54-1
Divinyl	Organic	1,3-Butadiene	106-99-0
DMA	Organic	Dimethylamine	124-40-3
DMBA	Organic	7,12-Dimethylbenz(a)anthracene	57-97-6
DMF	Organic	N,N-Dimethylformamide	68-12-2
DMNA	Organic	N-Nitrosodimethylamine	62-75-9
2,4-DMP	Organic	2,4-Dimethylphenol	105-67-9
DMT	Organic	Dimethyl terephthalate	120-61-6
DNBP	Organic	Dinoseb	88-85-7
DNOHP	Organic	4,6-Dinitro-o-cyclohexyl phenol	131-89-5
DO	Inorganic	Oxygen, dissolved	7782-44-7
Dodecylguanidine acetate	Organic	Dodine	197143
Dodine	Organic	Dodine	197143
Dowpon	Organic	Dalapon	75-99-0
DPNA or NDPA	Organic	N-Nitrosodipropylamine	621-64-7
DPX 6376	Organic	Allyl	74223-64-6
DPX-F5384	Organic	Londax	83055-99-6
DPX-H6573	Organic	NuStar	85509-19-9
DPX-M6316	Organic	Harmony	79277-27-3
DPX-Y5893	Organic	Savey	78587-05-0
Dual	Organic	Metolachlor	51218-45-2
Dursban	Organic	Chlorpyrifos	2921-88-2
Dyfonate	Organic	Fonofos	944-22-9
Dyphonate	Organic	Fonofos	944-22-9
E			
EAK	Organic	Ethyl n-aryl ketone	106-68-3
EC	Inorganic	Electrical Conductivity	
EDB	Organic	1,2-Dibromoethane	106-93-4
EGBE	Organic	Ethylene glycol monobutyl ether	111-76-2
EGEE	Organic	2-Ethoxyethanol	110-80-5
EGEEA	Organic	2-Ethoxyethyl acetate	111-15-9
EGME	Organic	2-Methoxyethanol	109-86-4
EGMEA	Organic	2-Methoxyethyl acetate	110-49-6
EL-107	Organic	Isoxaben	82558-50-7
Electrical Conductivity	Inorganic	Electrical Conductivity	
Endosulfan	Organic	Endosulfan	115-29-7
Endosulfan I (alpha)	Organic	Endosulfan	115-29-7
Endosulfan II (beta)	Organic	Endosulfan	115-29-7
Endosulfan sulfate	Organic	Endosulfan sulfate	1031-07-8
Endothal	Organic	Endothal	145-73-3
Endothall	Organic	Endothal	145-73-3
Endoxan monohydrate	Organic	Cyclophosphamide	50-18-0
Endrex	Organic	Endrin	72-20-8
Endrin	Organic	Endrin	72-20-8
Endrin aldehyde	Organic	Endrin aldehyde	7421-93-4
ENU	Organic	N-Nitroso-N-ethylurea	759-73-9
EPEG	Organic	Ethylphthalyl ethylglycolate	84-72-0
Epic 500	Organic	Furmecyclox	60568-05-0
Epichlorohydrin	Organic	Epichlorohydrin	106-89-8
EPN	Organic	EPN	2104-64-5
1,4-Epoxybutane	Organic	Tetrahydrofuran	109-99-9
Epoxyethane	Organic	Ethylene oxide (ETO)	75-21-8
1,2-Epoxyethylbenzene	Organic	Styrene oxide	96-09-3
Eptam	Organic	S-Ethyl dipropylthiocarbamate	759-94-4
EPTC	Organic	S-Ethyl dipropylthiocarbamate	759-94-4
Estradiol 17B	Organic	Estradiol 17B	50-28-2
Ethanal	Organic	Acetaldehyde	75-07-0
Ethanamide	Organic	Acetamide	60-35-5
Ethane	Organic	Ethane	74-84-0
Ethanedinitrile	Organic	Cyanogen	460-19-5

CROSS REFERENCE OF CHEMICAL NAMES

CONSTITUENT	Category	See Listing (s) Under:	CAS No.
1,2-Ethane diol	Organic	Ethylene glycol	107-21-1
Ethanethiol	Organic	Ethyl mercaptan	75-08-1
Ethanol	Organic	Ethanol	64-17-5
Ethanolamine	Organic	Ethanolamine	141-43-5
Ethephon	Organic	Ethephon	16672-87-0
Ethers, chloroalkyl-	Organic	Chloroalkyl ethers	
Ethers, halo-	Organic	Haloethers	
Ethion	Organic	Ethion	563-12-2
2-Ethoxyethanol	Organic	2-Ethoxyethanol	110-80-5
2-Ethoxyethanol acetate	Organic	2-Ethoxyethyl acetate	111-15-9
2-Ethoxyethyl acetate	Organic	2-Ethoxyethyl acetate	111-15-9
Ethyl acetate	Organic	Ethyl acetate	141-78-6
Ethyl acetone	Organic	Methyl n-propyl ketone	107-87-9
Ethyl acrylate	Organic	Ethyl acrylate	140-88-5
Ethyl alcohol	Organic	Ethanol	64-17-5
Ethylamine	Organic	Ethylamine	75-04-7
Ethyl n-amyl ketone	Organic	Ethyl n-amyl ketone	106-68-3
Ethylbenzene	Organic	Ethylbenzene	100-41-4
Ethyl bromide	Organic	Ethyl bromide	74-96-4
Ethyl carbamate	Organic	Urethane	51-79-6
Ethyl carbethoxymethyl phthalate	Organic	Ethylphthalyl ethylglycolate	84-72-0
Ethyl chloride	Organic	Chloroethane	75-00-3
Ethyl-4,4'-dichlorobenzilate	Organic	Ethyl-4,4'-dichlorobenzilate	510-15-6
Ethyl dipropylthiocarbamate	Organic	S-Ethyl dipropylthiocarbamate	759-94-4
S-Ethyl dipropylthiocarbamate	Organic	S-Ethyl dipropylthiocarbamate	759-94-4
Ethylene	Organic	Ethylene	74-85-1
Ethylenediamine	Organic	Ethylenediamine	107-15-3
Ethylene dibromide	Organic	1,2-Dibromoethane	106-93-4
Ethylene dichloride	Organic	1,2-Dichloroethane	107-06-2
Ethylene glycol	Organic	Ethylene glycol	107-21-1
Ethylene glycol butyl ether	Organic	Ethylene glycol monobutyl ether	111-76-2
Ethylene glycol monobutyl ether	Organic	Ethylene glycol monobutyl ether	111-76-2
Ethylene glycol monoethyl ether	Organic	2-Ethoxyethanol	110-80-5
Ethylene glycol monoethyl ether acetate	Organic	2-Ethoxyethyl acetate	111-15-9
Ethylene glycol monomethyl ether	Organic	2-Methoxyethanol	109-86-4
Ethylene glycol monomethyl ether acetate	Organic	2-Methoxyethyl acetate	110-49-6
Ethyleneimine	Organic	Ethyleneimine	151-56-4
Ethylene oxide	Organic	Ethylene oxide (ETO)	75-21-8
Ethylenes, dichloro-	Organic	Dichloroethylenes	
Ethylene thiourea	Organic	Ethylene thiourea (ETU)	96-45-7
Ethyl ether	Organic	Ethyl ether	60-29-7
Ethyl formate	Organic	Ethyl formate	109-94-4
Ethyl mercaptan	Organic	Ethyl mercaptan	75-08-1
Ethyl nitrile	Organic	Acetonitrile	75-05-8
Ethyl p-nitrophenyl phenylphosphorothioate	Organic	EPN	2104-64-5
Ethyl nitrosourea	Organic	N-Nitroso-N-ethylurea	759-73-9
Ethyl parathion	Organic	Parathion	56-38-2
Ethylphthalyl ethylglycolate	Organic	Ethylphthalyl ethylglycolate	84-72-0
Ethylthiodemeton	Organic	Disulfoton	298-04-4
Ethyne	Organic	Acetylene	74-86-2
ETO	Organic	Ethylene oxide (ETO)	75-21-8
ETU	Organic	Ethylene thiourea (ETU)	96-45-7
Express	Organic	Express	101200-48-0
F			
F-	Inorganic	Fluoride	16984-48-8
Fastusol Blue 9GLP	Organic	C.I. Direct Blue 218	28407-37-6
FD&C Red No. 1	Organic	Ponceau 3R	608016
Fe	Inorganic	Iron	7439-89-6
Femogen	Organic	Estradiol 17B	50-28-2
Fenamiphos	Organic	Fenamiphos	22224-92-6
Fenpropanate	Organic	Danitol	39515-41-8
Fenpropathrin	Organic	Danitol	39515-41-8
Fenvalerate	Organic	Pydrin	51630-58-1
Ferbam	Organic	Ferbam	14484-64-1
Fermate	Organic	Ferbam	14484-64-1
Fluometuron	Organic	Fluometuron	2164-17-2
Fluoranthene	Organic	Fluoranthene	206-44-0
Fluorene	Organic	Fluorene	86-73-7
2-Fluorenylacetylacetamide	Organic	2-Acetylaminofluorene	53-96-3
Fluoride	Inorganic	Fluoride	16984-48-8
Fluorine, soluble	Inorganic	Fluorine	16984-48-8
Fluorotrichloromethane	Organic	Trichlorofluoromethane	75-69-4
Fluridone	Organic	Fluridone	59756-60-4
Flurprimidol	Organic	Flurprimidol	56425-91-3
Flutolanil	Organic	Flutolanil	66332-96-5
Fluvalinate	Organic	Fluvalinate	69409-94-5
FNT	Organic	2-(2-Formylhydrazino)-4-(5-nitro-2-furyl)thiazole	3570-75-0
Foaming agents	Organic	Foaming agents (MBAS)	
Folex 6EC	Organic	Merphos	150-50-5
Folpan	Organic	Folpet	133-07-3
Folpet	Organic	Folpet	133-07-3
Fomesafen	Organic	Fomesafen	72178-02-0
Fonofos	Organic	Fonofos	944-22-9
Formaldehyde	Organic	Formaldehyde	50-00-0
Formic acid	Organic	Formic acid	64-18-6

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CONSTITUENT	Category	See Listing (s) Under:	CAS No.
2-(2-Formylhydrazino)-4-(5-nitro-2-furyl)thiazole	Organic	2-(2-Formylhydrazino)-4-(5-nitro-2-furyl)thiazole	3570-75-0
Fosetyl-al	Organic	Fosetyl-al	39148-24-8
Fosfamid	Organic	Dimethoate	60-51-5
Freon 10	Organic	Carbon tetrachloride	56-23-5
Freon 11	Organic	Trichlorofluoromethane	75-69-4
Freon 113	Organic	1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1
Freon 12	Organic	Dichlorodifluoromethane	75-71-8
Freon 20	Organic	Chloroform	67-66-3
Freon 150	Organic	1,2-Dichloroethane	107-06-2
Fuel oil #2	Organic	Diesel Oil	68476-34-6
Fuel oil #1	Organic	Kerosene	8008-20-6
Furadan	Organic	Carbofuran	1563-66-2
Furaltadon	Organic	5-(Morpholinomethyl)-3-[(5-nitrofurfurylidene)-amino]-2-oxalolidinone	139-91-3
Furaltadone	Organic	5-(Morpholinomethyl)-3-[(5-nitrofurfurylidene)-amino]-2-oxalolidinone	139-91-3
Furan	Organic	Furan	110-00-9
Furathiazole	Organic	N-[4-(5-Nitro-2-furyl)-2-thiazolyl]acetamide	531-82-8
Furfural	Organic	Furfural	98-01-1
Furfuran	Organic	Furan	110-00-9
Furidiazine	Organic	2-Amino-5-(5-nitro-2-furyl)-1,3,4-thiadiazole	712-68-5
Furium	Organic	N-[4-(5-Nitro-2-furyl)-2-thiazolyl]acetamide	531-82-8
Furmecyclox	Organic	Furmecyclox	60568-05-0
Furmetamide	Organic	Furmecyclox	60568-05-0
Furmethanol	Organic	5-(Morpholinomethyl)-3-[(5-nitrofurfurylidene)-amino]-2-oxalolidinone	139-91-3
Furylamide	Organic	AF-2	3688-53-7
2-(2-Furyl)-3-(5-nitro-2-furyl)acrylamide	Organic	AF-2	3688-53-7
G			
Gasoline	Organic	Gasoline	8006-61-9
Genoxal	Organic	Cyclophosphamide	50-18-0
Gesafram 50	Organic	Prometon	1610-18-0
Glean	Organic	Chlorsulfuron	64902-72-3
Glob-P-2	Organic	A-alpha-C	26148-68-5
Glucopyranose	Organic	Chlorozotocin	54749-90-5
Glufosinate-ammonium	Organic	Glufosinate-ammonium	77182-82-2
Glu-P-1	Organic	Glu-P-1	67730-11-4
Glu-P-2	Organic	Glu-P-2	67730-10-3
Glycidaldehyde	Organic	Glycidaldehyde	765-34-4
Glycidol	Organic	Glycidol	556-52-5
Glyphosate	Organic	Glyphosate	1071-83-6
Glyphosate isopropylamine salt	Organic	Glyphosate	1071-83-6
Goal	Organic	Oxyfluorfen	42874-03-3
Graslan	Organic	Tebuthiuron	34014-18-1
Grease	Organic	Oil and Grease	
Griseofluvin	Organic	Griseofluvin	126-07-8
Gross Alpha radioactivity	Inorganic	Radioactivity, Gross Alpha	
Gross Beta radioactivity	Inorganic	Radioactivity, Gross Beta	
Guthion	Organic	Azinphos-methyl	86-50-0
Gyromitrin	Organic	Gyromitrin	16568-02-8
H			
3H	Inorganic	Tritium	10028-17-8
H+ concentration, negative log of	Inorganic	pH	
Haloacetic acids	Organic	Bromoacetic acid	79-08-3
	Organic	Chloroacetic acid	79-11-8
	Organic	Dibromoacetic acid	631-64-1
	Organic	Dichloroacetic acid	79-43-6
	Organic	Trichloroacetic acid	76-03-9
Haloethers	Organic	Haloethers	
Halomethanes	Organic	Halomethanes	
Halothane	Organic	Halothane	151-67-7
Haloxypop-methyl	Organic	Haloxypop-methyl	69806-40-2
Harmony	Organic	Harmony	79277-27-3
Harvade	Organic	Dimethipin	55290-64-7
HCB	Organic	Hexachlorobenzene	118-74-1
HCBD	Organic	Hexachlorobutadiene	87-68-3
HC Blue 1	Organic	HC Blue 1	2784-94-3
HCCPD	Organic	Hexachlorocyclopentadiene	77-47-4
alpha-HCH	Organic	alpha-BHC	319-84-6
beta-HCH	Organic	beta-BHC	319-85-7
delta-HCH	Organic	delta-BHC	319-86-8
HCN	Inorganic	Cyanide	57-12-5
Heptachlor	Organic	Heptachlor	76-44-8
Heptachlor epoxide	Organic	Heptachlor epoxide	1024-57-3
2,3,3',4,4',5,5'-Heptachlorobiphenyl	Organic	2,3,3',4,4',5,5'-Heptachlorobiphenyl	39635-31-9
1,2,3,4,6,7,8-Heptachlorodibenzodioxin	Organic	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	Organic	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9
1,2,3,4,6,7,8-Heptachlorodibenzofuran	Organic	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4
1,2,3,4,7,8,9-Heptachlorodibenzofuran	Organic	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7
Heptane	Organic	Heptane	142-82-5
2-Heptanone	Organic	Methyl n-amyl ketone	110-43-0
HEX	Organic	Hexachlorocyclopentadiene	77-47-4
Hexabromobenzene	Organic	Hexabromobenzene	87-82-1
2,2',4,4',5,5'-Hexabromodiphenyl ether	Organic	2,2',4,4',5,5'-Hexabromodiphenyl ether	68631-49-2
Hexachlorobenzene	Organic	Hexachlorobenzene	118-74-1
2,3,3',4,4',5-Hexachlorobiphenyl	Organic	2,3,3',4,4',5-Hexachlorobiphenyl	38380-08-4
2,3,3',4,4',5'-Hexachlorobiphenyl	Organic	2,3,3',4,4',5'-Hexachlorobiphenyl	69782-90-7
2,3',4,4',5,5'-Hexachlorobiphenyl	Organic	2,3',4,4',5,5'-Hexachlorobiphenyl	52663-72-6

CROSS REFERENCE OF CHEMICAL NAMES

CONSTITUENT	Category	See Listing(s) Under:	CAS No.
3,3',4,4',5,5'-Hexachlorobiphenyl	Organic	3,3',4,4',5,5'-Hexachlorobiphenyl	32774-16-6
Hexachlorobutadiene	Organic	Hexachlorobutadiene	87-68-3
alpha-Hexachlorocyclohexane	Organic	alpha-BHC	319-84-6
beta-Hexachlorocyclohexane	Organic	beta-BHC	319-85-7
delta-Hexachlorocyclohexane	Organic	delta-BHC	319-86-8
technical-Hexachlorocyclohexane	Organic	technical-BHC	608-73-1
gamma-Hexachlorocyclohexane	Organic	gamma-BHC (Lindane)	58-89-9
Hexachlorocyclopentadiene	Organic	Hexachlorocyclopentadiene	77-47-4
Hexachlorodibenzo-p-dioxin	Organic	Hexachlorodibenzo-p-dioxin	19408-74-3
1,2,3,4,7,8-Hexachlorodibenzodioxin	Organic	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6
1,2,3,6,7,8-Hexachlorodibenzodioxin	Organic	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7
1,2,3,7,8,9-Hexachlorodibenzodioxin	Organic	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	Organic	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	Organic	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	Organic	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3
2,3,4,6,7,8-Hexachlorodibenzofuran	Organic	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5
2,3,4,7,8,9-Hexachlorodibenzofuran	Organic	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9
1,2,3,4,7,8-Hexachlorodibenzofuran	Organic	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9
1,2,3,6,7,8-Hexachlorodibenzofuran	Organic	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9
1,2,3,7,8,9-Hexachlorodibenzofuran	Organic	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9
2,3,4,6,7,8-Hexachlorodibenzofuran	Organic	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5
Hexachloroethane	Organic	Hexachloroethane	67-72-1
Hexachlorophene	Organic	Hexachlorophene	70-30-4
Hexadrin	Organic	Endrin	72-20-8
Hexahydro-1,3,5-trinitro-1,3,5-triazine	Organic	RDX (Cyclonite)	121-82-4
Hexamethylphosphoramide	Organic	Hexamethylphosphoramide	680-31-9
n-Hexane	Organic	n-Hexane	110-54-3
2-Hexanone	Organic	Methyl n-butyl ketone	591-78-6
Hexazinone	Organic	Hexazinone	51235-04-2
Hexogen	Organic	RDX (Cyclonite)	121-82-4
1,6-Hexolactam	Organic	Caprolactam	105-60-2
HgCl ₂	Inorganic	Mercuric chloride	7487-94-7
Hg (inorganic)	Inorganic	Mercury (inorganic)	7439-97-6
Hg (total)	Inorganic	Mercury (total, including organic compounds)	7439-97-6
HHDN	Organic	Aldrin	309-00-2
HMX	Organic	HMX	2691-41-0
H ₂ NNH ₂	Inorganic	Hydrazine	302-01-2
Hoe 39866	Organic	Glufosinate-ammonium	77182-82-2
1,2,3,4,6,7,8-HpCDD	Organic	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9
1,2,3,4,6,7,8-HpCDF	Organic	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4
1,2,3,4,7,8,9-HpCDF	Organic	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7
H ₂ S	Inorganic	Hydrogen sulfide	2148878
H ₂ Se	Inorganic	Hydrogen selenide	2148909
HxCDD	Organic	Hexachlorodibenzo-p-dioxin	19408-74-3
1,2,3,4,7,8-HxCDD	Organic	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6
1,2,3,6,7,8-HxCDD	Organic	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7
1,2,3,7,8,9-HxCDD	Organic	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3
1,2,3,4,7,8-HxCDF	Organic	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9
1,2,3,7,8,9-HxCDF	Organic	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9
1,2,3,6,7,8-HxCDF	Organic	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9
2,3,4,6,7,8-HxCDF	Organic	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5
Hydramethylnon	Organic	Amdro	67485-29-4
Hydrazine	Inorganic	Hydrazine	302-01-2
Hydrazine sulfate	Inorganic	Hydrazine sulfate	10034-93-2
Hydrazobenzene	Organic	1,2-Diphenylhydrazine	122-66-7
Hydrogen cyanide	Inorganic	Cyanide	57-12-5
Hydrogen phosphide	Inorganic	Phosphine	7803-51-2
Hydrogen selenide	Inorganic	Hydrogen selenide	2148909
Hydrogen sulfide	Inorganic	Hydrogen sulfide	2148878
3-Hydroxybutyric acid	Organic	beta-Butyrolactone	96-48-0
4-Hydroxy-4-methyl-2-pentanone	Organic	Diacetone alcohol	123-42-2
Hyvar X or XL	Organic	Bromacil	314-40-9
I-	Inorganic	Iodide	20461-54-5
IBN	Organic	Isobutyl nitrite	542-56-3
Imazalil	Organic	Imazalil	35554-44-0
Imazaquin	Organic	Imazaquin	81335-37-7
Imidamide	Organic	Amitraz	33089-61-1
IMPA	Organic	Isopropyl methyl phosphonic acid	1832-54-8
Indene	Organic	Indene	95-13-6
Indeno(1,2,3-c,d)pyrene	Organic	Indeno(1,2,3-c,d)pyrene	193-39-5
IN L5300	Organic	Express	101200-48-0
Iodide	Inorganic	Iodide	20461-54-5
Iodoform	Organic	Iodoform	75-47-8
Iprodione	Organic	Iprodione	36734-19-7
IQ	Organic	IQ	76180-96-6
Iron	Inorganic	Iron	7439-89-6
Isoamyl acetate	Organic	Isoamyl acetate	123-92-2
Isoamyl alcohol	Organic	Isoamyl alcohol	123-51-3
Isobutanol	Organic	Isobutyl alcohol	78-83-1
Isobutyl acetate	Organic	Isobutyl acetate	110-19-0
Isobutyl alcohol	Organic	Isobutyl alcohol	78-83-1
Isobutyl carbinol	Organic	Isoamyl alcohol	123-51-3
Isobutyl nitrite	Organic	Isobutyl nitrite	542-56-3
Isophorone	Organic	Isophorone	78-59-1

CROSS REFERENCE OF CHEMICAL NAMES

CONSTITUENT	Category	See Listing (s) Under:	CAS No.
Isopropalin	Organic	Isopropalin	33820-53-0
Isopropanol	Organic	Isopropanol	67-63-0
Isopropyl acetate	Organic	Isopropyl acetate	108-21-4
Isopropyl alcohol	Organic	Isopropanol	67-63-0
Isopropylamine	Organic	Isopropylamine	75-31-0
Isopropylbenzene	Organic	Cumene	98-82-8
Isopropyl-N-(3-chlorophenyl)carbamate	Organic	Chlorpropham	101-21-3
Isopropyl ether	Organic	Isopropyl ether	108-20-3
Isopropyl methylphosphonate	Organic	Isopropyl methyl phosphonic acid	1832-54-8
Isopropyl methyl phosphonic acid	Organic	Isopropyl methyl phosphonic acid	1832-54-8
Isopropyl methylphosphonic acid	Organic	Isopropyl methyl phosphonic acid	1832-54-8
Isoxaben	Organic	Isoxaben	82558-50-7
K			
Karate	Organic	Cyhalothrin	68085-85-8
Karmex	Organic	Diuron	330-54-1
Kepon	Organic	Kepon	143-50-0
Kerb	Organic	Pronamide	23950-58-5
Kerosene	Organic	Kerosene	8008-20-6
Kerosine	Organic	Kerosene	8008-20-6
L			
Lactofen	Organic	Lactofen	77501-63-4
Lambast	Organic	Butachlor	23184-66-9
Lanex	Organic	Fluometuron	2164-17-2
Lannate	Organic	Methomyl	16752-77-5
Lasiocarpine	Organic	Lasiocarpine	303-34-4
Lasso	Organic	Alachlor	15972-60-8
Lead	Inorganic	Lead	7439-92-1
Lead acetate	Organic	Lead acetate	301-04-2
Lead orthophosphate	Inorganic	Lead phosphate	7446-27-7
Lead phosphate	Inorganic	Lead phosphate	7446-27-7
Lead subacetate	Organic	Lead subacetate	1335-32-6
Lead, tetraethyl-	Organic	Tetraethyl lead	78-00-2
Lindane	Organic	gamma-BHC (Lindane)	58-89-9
Linuron	Organic	Linuron	330-55-2
Londax	Organic	Londax	83055-99-6
Lorsban	Organic	Chlorpyrifos	2921-88-2
M			
Malathion	Organic	Malathion	121-75-5
Maleic anhydride	Organic	Maleic anhydride	108-31-6
Maleic hydrazide	Organic	Maleic hydrazide	123-33-1
Maneb	Organic	Maneb	12427-38-2
Manganese	Inorganic	Manganese	7439-96-5
Manzate	Organic	Maneb	12427-38-2
Mavrik	Organic	Fluvalinate	69409-94-5
MBAS	Organic	Foaming agents (MBAS)	
MCPA	Organic	MCPA	94-74-6
MCPB	Organic	MCPB	94-81-5
MCPP	Organic	MCPP	93-65-2
MEA	Organic	Ethanolamine	141-43-5
Me-A-alpha-C	Organic	Me-A-alpha-C	68006-83-7
Mecoprop	Organic	MCPP	93-65-2
MeHg	Organic	Methyl mercury	22967-92-6
MelQ	Organic	MelQ	77094-11-2
MelQx	Organic	MelQx	77500-04-0
MEK	Organic	Methyl ethyl ketone	78-93-3
Melphalan	Organic	Melphalan	148-82-3
Mepiquat chloride	Organic	Mepiquat chloride	24307-26-4
Mercuric chloride	Inorganic	Mercuric chloride	7487-94-7
Mercury (inorganic)	Inorganic	Mercury (inorganic)	7439-97-6
Mercury, methyl	Organic	Methyl mercury	22967-92-6
Mercury (total, including organic compounds)	Inorganic	Mercury (total, including organic compounds)	7439-97-6
Merphos	Organic	Merphos	150-50-5
Merphos oxide	Organic	Merphos oxide	78-48-8
Mesityl oxide	Organic	Mesityl oxide	141-79-7
Mesitylene	Organic	1,3,5-Trimethylbenzene	108-67-8
Metalaxyl	Organic	Metalaxyl	57837-19-1
Metam sodium	Organic	N-Methyl dithiocarbamate	137-42-8
Metasulfuron methyl ester	Organic	Ally	74223-64-6
Methacrylonitrile	Organic	Methacrylonitrile	126-98-7
Methallyl chloride	Organic	3-Amino-9-ethylcarbazole hydrochloride	6109-97-3
Metham	Organic	N-Methyl dithiocarbamate	137-42-8
Methamidophos	Organic	Methamidophos	10265-92-6
Methanal	Organic	Formaldehyde	50-00-0
Methanecarboxamide	Organic	Acetamide	60-35-5
Methanes, halo-	Organic	Halomethanes	
Methanethiol	Organic	Methyl mercaptan	74-93-1
Methanol	Organic	Methanol	67-56-1
Methidathion	Organic	Methidathion	950-37-8
Methomyl	Organic	Methomyl	16752-77-5
o-Methoxyaniline	Organic	o-Anisidine	90-04-0
4-Methoxy-1,3-benzenediamine	Organic	2,4-Diaminoanisole	615-05-4
Methoxychlor	Organic	Methoxychlor	72-43-5
2-Methoxyethanol	Organic	2-Methoxyethanol	109-86-4
2-Methoxyethanol acetate	Organic	2-Methoxyethyl acetate	110-49-6
2-Methoxyethyl acetate	Organic	2-Methoxyethyl acetate	110-49-6

CROSS REFERENCE OF CHEMICAL NAMES

CONSTITUENT	Category	See Listing(s) Under:	CAS No.
2-Methoxy-2-methylpropane	Organic	Methyl t-butyl ether (MtBE)	1634-04-4
Methoxyphenylenediamine	Organic	2,4-Diaminoanisole	615-05-4
Methoxypropazine	Organic	Prometon	1610-18-0
Methyl acetate	Organic	Methyl acetate	79-20-9
beta-Methyl acrolein	Organic	trans-Crotonaldehyde	4170-30-3
Methyl acrylate	Organic	Methyl acrylate	96-33-3
2-Methyl acrylonitrile	Organic	Methacrylonitrile	126-98-7
Methyl alcohol	Organic	Methanol	67-56-1
Methylamine	Organic	Methylamine	74-89-5
Methyl ((4-aminophenyl)sulfonyl)carbamate	Organic	Asulam	3337-71-1
Methylamyl alcohol	Organic	Methyl isobutyl carbinol	108-11-2
Methyl n-amyl ketone	Organic	Methyl n-amyl ketone	110-43-0
N-Methylaniline	Organic	N-Methylaniline	100-61-8
5-Methyl-o-anisidine	Organic	p-Cresidine	120-71-8
2-Methyl-1-anthraquinonylamine	Organic	1-Amino-2-methylantraquinone	82-28-0
2-Methylaziridine	Organic	Propyleneimine	75-55-8
Methylbenzene	Organic	Toluene	108-88-3
Methyl bromide	Organic	Bromomethane	74-83-9
3-Methyl-1-butanol	Organic	Isoamyl alcohol	123-51-3
3-Methyl-2-butanone	Organic	Methyl isopropyl ketone	563-80-4
1-Methyl-4-tert-butylbenzene	Organic	p-tert-Butyltoluene	98-51-1
Methyl t-butyl ether	Organic	Methyl t-butyl ether (MtBE)	1634-04-4
Methyl n-butyl ketone	Organic	Methyl n-butyl ketone	591-78-6
Methyl carbamate	Organic	Methyl carbamate	598-55-0
Methyl cellosolve	Organic	2-Methoxyethanol	109-86-4
Methyl chloride	Organic	Chloromethane	74-87-3
Methyl chloroform	Organic	1,1,1-Trichloroethane	71-55-6
Methylchloromethyl ether	Organic	Chloromethyl methyl ether	107-30-2
3-Methyl-6-chlorophenol	Organic	6-Chloro-m-cresol	615-74-7
2-Methyl-4-chlorophenol	Organic	4-Chloro-o-cresol	1570-64-5
3-Methyl-4-chlorophenol	Organic	4-Chloro-m-cresol	59-50-7
2-Methyl-4-chlorophenoxyacetic acid	Organic	MCPA	94-74-6
4-(2-Methyl-4-chlorophenoxy)butyric acid	Organic	MCPB	94-81-5
2-(2-Methyl-4-chlorophenoxy)propionic acid	Organic	MCPD	93-65-2
3-Methylcholanthrene	Organic	3-Methylcholanthrene	56-49-5
5-Methylchrysene	Organic	5-Methylchrysene	3697-24-3
Methylcyclohexane	Organic	Methylcyclohexane	108-87-2
cis-3-Methylcyclohexanol	Organic	cis-3-Methylcyclohexanol	25639-42-3
Methyl 1,1-dimethylethyl ether	Organic	Methyl t-butyl ether (MtBE)	1634-04-4
2-Methyl-4,6-dinitrophenol	Organic	4,6-Dinitro-o-cresol	534-52-1
N-Methyl dithiocarbamate	Organic	N-Methyl dithiocarbamate	137-42-8
4,4'-Methylenebis(2-chloroaniline)	Organic	4,4'-Methylenebis(2-chloroaniline)	101-14-4
4,4'-Methylenebis(N,N-dimethylaniline)	Organic	4,4'-Methylenebis(N,N-dimethylaniline)	101-61-1
4,4'-Methylenebis(2-methylaniline)	Organic	4,4'-Methylenebis(2-methylaniline)	838-88-0
4,4'-Methylenebis(N,N-dimethyl)benzeneamine	Organic	4,4'-Methylenebis(N,N-dimethyl)aniline	101-61-1
Methylenebis(ortho-toluidine)	Organic	4,4'-Methylenebis(2-methylaniline)	838-88-0
Methylene blue active substances	Organic	Foaming agents (MBAS)	
Methylene chloride	Organic	Dichloromethane	75-09-2
4,4'-Methylenedianiline	Organic	4,4'-Methylenedianiline	101-77-9
1,2-(Methylenedioxy)-4-propylbenzene	Organic	Dihydrosafrole	94-58-6
Methyl ethyl ketone	Organic	Methyl ethyl ketone	78-93-3
Methyl ethyl nitrosamine	Organic	N-Nitrosomethylethylamine	10595-95-6
Methyl formate	Organic	Methyl formate	107-31-3
5-Methyl-3-heptanone	Organic	Ethyl n-amyl ketone	106-68-3
5-Methyl-2-hexanone	Organic	Methyl isoamyl ketone	110-12-3
Methylhydrazine	Organic	Methylhydrazine	60-34-4
Methylhydrazine sulfate	Organic	Methylhydrazine sulfate	302-15-8
Methyl isoamyl ketone	Organic	Methyl isoamyl ketone	110-12-3
Methyl isobutyl ketone	Organic	Mesityl oxide	141-79-7
Methyl isobutyl carbinol	Organic	Methyl isobutyl carbinol	108-11-2
Methyl isobutyl ketone	Organic	Methyl isobutyl ketone (MIBK)	108-10-1
1-Methyl-2-(p-(isopropylcarbamoyl)benzyl)hydrazine	Organic	Procarbazine	671-16-9
Methyl isopropyl ketone	Organic	Methyl isopropyl ketone	563-80-4
Methylisothiocyanate	Organic	Methylisothiocyanate	556-61-6
Methyl mercaptan	Organic	Methyl mercaptan	74-93-1
Methyl mercury	Organic	Methyl mercury	22967-92-6
Methyl methacrylate	Organic	Methyl methacrylate	80-62-6
Methyl methanesulfonate	Organic	Methyl methanesulfonate	66-27-3
beta-Methylnaphthalene	Organic	2-Methylnaphthalene	91-57-6
2-Methylnaphthalene	Organic	2-Methylnaphthalene	91-57-6
2-Methyl-1-nitroanthraquinone	Organic	2-Methyl-1-nitroanthraquinone	129-15-7
m-Methylnitrobenzene	Organic	m-Nitrotoluene	1321-12-6
N-Methyl-N'-nitro-N-nitrosoguanidine	Organic	N-Methyl-N'-nitro-N-nitrosoguanidine	70-25-7
Methylnitrosourea	Organic	N-Nitroso-N-methylurea	684-93-5
Methylnitrosourethane	Organic	N-Nitroso-N-methylurethane	615-53-2
N-Methylolacrylamide	Organic	N-Methylolacrylamide	924-42-5
Methyl parathion	Organic	Methyl parathion	298-00-0
4-Methyl-2-pentanol	Organic	Methyl isobutyl carbinol	108-11-2
4-Methyl-2-pentanone	Organic	Methyl isobutyl ketone (MIBK)	108-10-1
2-Methylphenol	Organic	o-Cresol	95-48-7
3-Methylphenol	Organic	m-Cresol	108-39-4
4-Methylphenol	Organic	p-Cresol	106-44-5
2-Methyl-2-phenylpropane	Organic	tert-Butylbenzene	98-06-6
Methyl n-propyl ketone	Organic	Methyl n-propyl ketone	107-87-9
Methyl styrene	Organic	Vinyl toluene	25013-15-4

CROSS REFERENCE OF CHEMICAL NAMES

CONSTITUENT	Category	See Listing(s) Under:	CAS No.
alpha-Methylstyrene	Organic	alpha-Methylstyrene	98-83-9
Methylthiofanate	Organic	Thiophanate-methyl	23564-05-8
Methylthiouracil	Organic	Methylthiouracil	56-04-2
Methylurethane	Organic	Methyl carbamate	598-55-0
Methyl vinyl nitrosamine	Organic	N-Nitrosomethylvinylamine	4549-40-0
Methyl yellow	Organic	4-Dimethylaminoazobenzene	60-11-7
2-Methoxy-5-Methylaniline	Organic	p-Cresidine	120-71-8
Metolachlor	Organic	Metolachlor	51218-45-2
Metribuzin	Organic	Metribuzin	21087-64-9
Metronidazole	Organic	Metronidazole	443-48-1
MIAK	Organic	Methyl isoamyl ketone	110-12-3
MIBC	Organic	Methyl isobutyl carbinol	108-11-2
MIBK	Organic	Methyl isobutyl ketone (MIBK)	108-10-1
Michler's ketone	Organic	Michler's ketone	90-94-8
Michler's methane	Organic	4,4'-Methylenebis(N,N-dimethyl)aniline	101-61-1
MIH	Organic	Procabazine	671-16-9
Milogard	Organic	Propazine	139-40-2
Mirex	Organic	Mirex	2385-85-5
MITC	Organic	Methylisothiocyanate	556-61-6
Mitomycin C	Organic	Mitomycin C	50-07-7
Mitoxan	Organic	Cyclophosphamide	50-18-0
MMS	Organic	Methyl methanesulfonate	66-27-3
Mn	Inorganic	Manganese	7439-96-5
MNNG	Organic	N-Methyl-N-nitro-N-nitrosoguanidine	70-25-7
MNU	Organic	N-Nitroso-N-methylurea	684-93-5
Mo	Inorganic	Molybdenum	7439-98-7
Molinate	Organic	Molinate	2212-67-1
Molybdenum	Inorganic	Molybdenum	7439-98-7
Moncut	Organic	Flutolanil	66332-96-5
Monitor	Organic	Methamidophos	10265-92-6
Monochloramine	Inorganic	Chloramine	127-65-1
Monochloroacetic acid	Organic	Chloroacetic acid	79-11-8
Monochlorobenzene	Organic	Chlorobenzene	108-90-7
Monocrotaline	Organic	Monocrotaline	315-22-0
Monoethanolamine	Organic	Ethanolamine	141-43-5
Mononitrophenols	Organic	Nitrophenol	25154-55-6
5-(Morpholinomethyl)-3-[(5-nitrofurfurylidene)-amino]-2-oxalolidinone	Organic	5-(Morpholinomethyl)-3-[(5-nitrofurfurylidene)-amino]-2-oxalolidinone	139-91-3
MPK	Organic	Methyl n-propyl ketone	107-87-9
MtBE	Organic	Methyl t-butyl ether (MtBE)	1634-04-4
MX	Organic	MX	77439-76-0
N			
Na	Inorganic	Sodium	7440-23-5
Naladixic acid	Organic	Nalidixic acid	389-08-2
Naled	Organic	Naled	300-76-5
Nalidixic acid	Organic	Nalidixic acid	389-08-2
Nalidixin	Organic	Nalidixic acid	389-08-2
Naphthalene	Organic	Naphthalene	91-20-3
Naphthalenes, chlorinated	Organic	Chlorinated naphthalenes	25586-43-0
2-Naphthalenesulfonic acid	Organic	Direct Black 38	1937-37-7
beta-Naphthylamine	Organic	2-Naphthylamine	91-59-8
2-Naphthylamine	Organic	2-Naphthylamine	91-59-8
Napropamide	Organic	Napropamide	15299-99-7
NDEA	Organic	N-Nitrosodiethylamine	55-18-5
NDMA	Organic	N-Nitrosodimethylamine	62-75-9
NDPA	Organic	N-Nitrosodiphenylamine	86-30-6
Nemacur	Organic	Fenamiphos	22224-92-6
Neocidol	Organic	Diazinon	333-41-5
NF 246	Organic	1-[(5-Nitrofurfurylidene)-amino]-2-imidazolidinone	555-84-0
NFTA	Organic	N-[4-(5-Nitro-2-furyl)-2-thiazolyl]acetamide	531-82-8
NH ₃	Inorganic	Ammonia	7664-41-7
NH ₄ ⁺	Inorganic	Ammonia	7664-41-7
NH ₂ Cl	Inorganic	Chloramine	127-65-1
Ni	Inorganic	Nickel	7440-02-0
Nickel	Inorganic	Nickel	7440-02-0
Nickel carbonyl	Inorganic	Nickel carbonyl	13463-39-3
Nickel subsulfide	Inorganic	Nickel subsulfide	12035-72-2
Nifuradene	Organic	1-[(5-Nitrofurfurylidene)-amino]-2-imidazolidinone	555-84-0
Nifurthiazole	Organic	2-(2-Formylhydrazino)-4-(5-nitro-2-furyl)thiazole	3570-75-0
Nitralin	Organic	Nitralin	4726-14-1
Nitrate	Inorganic	Nitrate	14797-55-8
Nitrioltriacetate, trisodium monohydrate	Organic	Nitrioltriacetate, trisodium monohydrate	18662-53-8
Nitrioltriacetic acid	Organic	Nitrioltriacetic acid	139-13-9
Nitrite	Inorganic	Nitrite	14797-65-0
5-Nitroacenaphthene	Organic	5-Nitroacenaphthene	602-87-9
5-Nitro-o-anisidine	Organic	5-Nitro-o-anisidine	99-59-2
Nitrobenzene	Organic	Nitrobenzene	98-95-3
6-Nitrochrysene	Organic	6-Nitrochrysene	2043937
Nitroethane	Organic	Nitroethane	79-24-3
Nitrofen	Organic	Nitrofen	1836-75-5
Nitrofone	Organic	Nitrofen	1836-75-5
2-Nitrofluorene	Organic	2-Nitrofluorene	607-57-8
Nitrofurazone	Organic	Nitrofurazone	59-87-0
1-[(5-Nitrofurfurylidene)-amino]-2-imidazolidinone	Organic	1-[(5-Nitrofurfurylidene)-amino]-2-imidazolidinone	555-84-0
N-[4-(5-Nitro-2-furyl)-2-thiazolyl]acetamide	Organic	N-[4-(5-Nitro-2-furyl)-2-thiazolyl]acetamide	531-82-8
Nitroglycerin	Organic	Trinitroglycerol	55-63-0

CROSS REFERENCE OF CHEMICAL NAMES

CONSTITUENT	Category	See Listing (s) Under:	CAS No.
Nitroguanidine	Organic	Nitroguanidine	556-88-7
Nitromethane	Organic	Nitromethane	75-52-5
Nitrophenol	Organic	Nitrophenol	25154-55-6
o-Nitrophenol	Organic	2-Nitrophenol	25154-55-7
p-Nitrophenol	Organic	4-Nitrophenol	25154-55-8
2-Nitrophenol	Organic	2-Nitrophenol	25154-55-7
4-Nitrophenol	Organic	4-Nitrophenol	25154-55-8
Nitrophenols	Organic	Nitrophenols	
1-Nitropropane	Organic	1-Nitropropane	108-03-2
2-Nitropropane	Organic	2-Nitropropane	79-46-9
1-Nitropyrene	Organic	1-Nitropyrene	5522-43-0
4-Nitropyrene	Organic	4-Nitropyrene	57835-92-4
Nitrosamines	Organic	Nitrosamines	
N-Nitroso-N-methylethylamine	Organic	N-Nitrosomethylethylamine	10595-95-6
N-Nitroso-N-methylurea	Organic	N-Nitroso-N-methylurea	684-93-5
N-Nitrosodi-n-butylamine	Organic	N-Nitrosodi-n-butylamine	924-16-3
N-Nitrosodiethanolamine	Organic	N-Nitrosodiethanolamine	1116-54-7
N-Nitrosodiethylamine	Organic	N-Nitrosodiethylamine	55-18-5
N-Nitrosodimethylamine	Organic	N-Nitrosodimethylamine	62-75-9
N-Nitrosodiphenylamine	Organic	N-Nitrosodiphenylamine	86-30-6
p-Nitrosodiphenylamine	Organic	p-Nitrosodiphenylamine	156-10-5
N-Nitrosodi-n-propylamine	Organic	N-Nitrosodipropylamine	621-64-7
N-Nitrosodipropylamine	Organic	N-Nitrosodipropylamine	621-64-7
N-Nitroso-N-ethylurea	Organic	N-Nitroso-N-ethylurea	759-73-9
Nitrosohydantoic acid	Organic	N-Carboxymethyl-N-nitrosourea	60391-92-6
4-(N-Nitrosomethylamino)-1-(3-pyridyl)-1-butanone	Organic	4-(N-Nitrosomethylamino)-1-(3-pyridyl)-1-butanone	64091-91-4
N-Nitrosomethylethylamine	Organic	N-Nitrosomethylethylamine	10595-95-6
N-Nitroso-N-methylurea	Organic	N-Nitroso-N-methylurea	684-93-5
N-Nitroso-N-methylurethane	Organic	N-Nitroso-N-methylurethane	615-53-2
N-Nitrosomethylvinylamine	Organic	N-Nitrosomethylvinylamine	4549-40-0
N-Nitrosomorpholine	Organic	N-Nitrosomorpholine	59-89-2
N-Nitrosornicotine	Organic	N-Nitrosornicotine	16543-55-8
N-Nitrosopiperidine	Organic	N-Nitrosopiperidine	100-75-4
N-Nitrosopyrrolidine	Organic	N-Nitrosopyrrolidine	930-55-2
N-Nitrososarcosine	Organic	N-Nitrososarcosine	13256-22-9
m-Nitrotoluene	Organic	m-Nitrotoluene	1321-12-6
Nitrous acid, isobutyl ester	Organic	Isobutyl nitrite	542-56-3
NNK	Organic	4-(N-Nitrosomethylamino)-1-(3-pyridyl)-1-butanone	64091-91-4
NO ₂ ⁻	Inorganic	Nitrite	14797-65-0
NO ₃ ⁻	Inorganic	Nitrate	14797-55-8
Nonachlor	Organic	trans-Nonachlor	39765-80-5
trans-Nonachlor	Organic	trans-Nonachlor	39765-80-5
Nonane	Organic	Nonane	111-84-2
Nonylphenol	Organic	Nonylphenol	25154-52-3
Norflurazon	Organic	Norflurazon	27314-13-2
NPN	Organic	n-Propyl nitrate	627-13-4
NTA	Organic	Nitritotriacetic acid	139-13-9
NTA	Organic	Nitritotriacetate, trisodium monohydrate	18662-53-8
NuStar	Organic	NuStar	85509-19-9
O			
O ₂	Inorganic	Oxygen, dissolved	7782-44-7
O ₃	Inorganic	Ozone	10028-15-6
1,2,3,4,6,7,8,9-OCDD	Organic	Octachlorodibenzo-p-dioxin	3268-87-9
1,2,3,4,6,7,8,9-OCDF	Organic	Octachlorodibenzofuran	39001-02-0
Ochratoxin A	Organic	Ochratoxin A	303-47-9
Octabromodiphenyl ether	Organic	Octabromodiphenyl ether	32536-52-0
1,2,3,4,6,7,8,9-Octachlorodibenzodioxin	Organic	Octachlorodibenzo-p-dioxin	3268-87-9
Octachlorodibenzo-p-dioxin	Organic	Octachlorodibenzo-p-dioxin	3268-87-9
Octachlorodibenzofuran	Organic	Octachlorodibenzofuran	39001-02-0
1,2,3,4,6,7,8,9-Octachlorodibenzofuran	Organic	Octachlorodibenzofuran	39001-02-0
Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	Organic	HMX	2691-41-0
Octane	Organic	Octane	111-65-9
Odor	Inorganic	Odor	
Oil	Organic	Oil and Grease	
Oil and Grease	Organic	Oil and Grease	
Omite	Organic	Propargite	2312-35-8
Ordram	Organic	Molinate	2212-67-1
Orthocide	Organic	Captan	133-06-2
Ortho paraquat	Organic	Paraquat	1910-42-5
Oryzalin	Organic	Oryzalin	19044-88-3
Osmium tetroxide	Inorganic	Osmium tetroxide	20816-12-0
OsO ₄	Inorganic	Osmium tetroxide	20816-12-0
Oxacyclopentane	Organic	Tetrahydrofuran	109-99-9
Oxadiazon	Organic	Oxadiazon	19666-30-9
Oxamyl	Organic	Oxamyl	23135-22-0
Oxirane	Organic	Ethylene oxide (ETO)	75-21-8
2,2'-Oxybis(1-chloropropane)	Organic	Bis(2-chloroisopropyl) ether	108-60-1
Oxychlordane	Organic	Oxychlordane	27304-13-8
4,4'-Oxydianiline	Organic	4,4'-Diaminodiphenyl ether	101-80-4
Oxyfluorfen	Organic	Oxyfluorfen	42874-03-3
Oxygen, dissolved	Inorganic	Oxygen, dissolved	7782-44-7
Ozone	Inorganic	Ozone	10028-15-6
P			
P	Inorganic	Phosphorus	7723-14-0
Paclotrazol	Organic	Paclotrazol	76738-62-0

CROSS REFERENCE OF CHEMICAL NAMES

CONSTITUENT	Category	See Listing(s) Under:	CAS No.
PAHs	Organic	PAHs	
Paraffins, chlorinated	Organic	Chlorinated paraffins	
Paraquat	Organic	Paraquat	1910-42-5
Parathion-methyl	Organic	Methyl parathion	298-00-0
Parathion	Organic	Parathion	56-38-2
Pb	Inorganic	Lead	7439-92-1
PBBs	Organic	Polybrominated biphenyls	
PBDE-153	Organic	2,2',4,4',5,5'-Hexabromodiphenyl ether	68631-49-2
PBDE-47	Organic	2,2',4,4'-Tetrabromodiphenyl ether	5436-43-1
PBDE-99	Organic	2,2',4,4',5-Pentabromodiphenyl ether	60348-60-9
PCB 105	Organic	2,3,3',4,4'-Pentachlorobiphenyl	332598-14-4
PCB 114	Organic	2,3,4,4',5-Pentachlorobiphenyl	74472-37-0
PCB 118	Organic	2,3',4,4',5-Pentachlorobiphenyl	31508-00-6
PCB 123	Organic	2',3,4,4',5-Pentachlorobiphenyl	65510-44-3
PCB 126	Organic	3,3',4,4',5-Pentachlorobiphenyl	57465-28-8
PCB 156	Organic	2,3,3',4,4',5-Hexachlorobiphenyl	38380-08-4
PCB 157	Organic	2,3,3',4,4',5'-Hexachlorobiphenyl	69782-90-7
PCB 167	Organic	2,3',4,4',5,5'-Hexachlorobiphenyl	52663-72-6
PCB 169	Organic	3,3',4,4',5,5'-Hexachlorobiphenyl	32774-16-6
PCB 189	Organic	2,3,3',4,4',5,5'-Heptachlorobiphenyl	39635-31-9
PCB 77	Organic	3,3',4,4'-Tetrachlorobiphenyl	32598-13-3
PCB 81	Organic	3,4,4',5-Tetrachlorobiphenyl	70362-50-4
PCBs	Organic	Polychlorinated biphenyls	1336-36-3
PCE	Organic	Tetrachloroethylene (PCE)	127-18-4
PCNB	Organic	Pentachloronitrobenzene	82-68-8
PCP	Organic	Pentachlorophenol	87-86-5
PDB	Organic	1,4-Dichlorobenzene	106-46-7
1,2,3,7,8-PeCDD	Organic	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4
1,2,3,7,8-PeCDF	Organic	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6
2,3,4,7,8-PeCDF	Organic	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4
Pendimethalin	Organic	Pendimethalin	40487-42-1
Penta	Organic	Pentachlorophenol	87-86-5
PentaBDE	Organic	Pentabromodiphenyl ether	32534-81-9
Pentabromodiphenyl ether	Organic	Pentabromodiphenyl ether	32534-81-9
2,2',4,4',5-Pentabromodiphenyl ether	Organic	2,2',4,4',5-Pentabromodiphenyl ether	60348-60-9
Pentachlorobenzene	Organic	Pentachlorobenzene	608-93-5
2,3,3',4,4'-Pentachlorobiphenyl	Organic	2,3,3',4,4'-Pentachlorobiphenyl	332598-14-4
2,3,4,4',5-Pentachlorobiphenyl	Organic	2,3,4,4',5-Pentachlorobiphenyl	74472-37-0
2,3',4,4',5-Pentachlorobiphenyl	Organic	2,3',4,4',5-Pentachlorobiphenyl	31508-00-6
2',3,4,4',5-Pentachlorobiphenyl	Organic	2',3,4,4',5-Pentachlorobiphenyl	65510-44-3
3,3',4,4',5-Pentachlorobiphenyl	Organic	3,3',4,4',5-Pentachlorobiphenyl	57465-28-8
1,2,3,7,8-Pentachlorodibenzodioxin	Organic	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	Organic	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4
1,2,3,7,8-Pentachlorodibenzofuran	Organic	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6
2,3,4,7,8-Pentachlorodibenzofuran	Organic	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4
Pentachloroethane	Organic	Pentachloroethane	76-01-7
Pentachloronitrobenzene	Organic	Pentachloronitrobenzene	82-68-8
Pentachlorophenol	Organic	Pentachlorophenol	87-86-5
Pentanal	Organic	n-Valeraldehyde	110-62-3
Pentane	Organic	Pentane	109-66-0
3-Pentanone	Organic	Diethyl ketone	96-22-0
2-Pentanone	Organic	Methyl n-propyl ketone	107-87-9
Perchlorate	Inorganic	Perchlorate	14797-73-0
Perchlorobenzene	Organic	Hexachlorobenzene	118-74-1
Perchlorobutadiene	Organic	Hexachlorobutadiene	87-68-3
Perchloroethane	Organic	Hexachloroethane	67-72-1
Perchloroethylene	Organic	Tetrachloroethylene (PCE)	127-18-4
Perflorin	Organic	Tebuthiuron	34014-18-1
Permethrin	Organic	Permethrin	52645-53-1
Petroleum hydrocarbons	Organic	Diesel Oil	68476-34-6
	Organic	Gasoline	8006-61-9
	Organic	Kerosene	8008-20-6
pH	Inorganic	pH	
Phenacetin	Organic	Phenacetin	62-44-2
Phenamiphos	Organic	Fenamiphos	22224-92-6
Phenanthrene	Organic	Phenanthrene	85-01-8
Phenazopyridine	Organic	Phenazopyridine	94-78-0
Phenesterin	Organic	Phenesterin	601472
Phenmedipham	Organic	Phenmedipham	13684-63-4
Phenobarbital	Organic	Phenobarbital	50-06-6
Phenol	Organic	Phenol	108-95-2
Phenols, chlorinated	Organic	Chlorinated phenols	
Phenols, nitro-	Organic	Nitrophenols	
Phenols, non-chlorinated	Organic	Phenols, non-chlorinated	
Phenoxybenzamine	Organic	Phenoxybenzamine	59-96-1
Phenylamine	Organic	Aniline	62-53-3
Phenylbenzene	Organic	1,1-Biphenyl	92-52-4
Phenyl bromide	Organic	Bromobenzene	108-86-1
1-Phenylbutane	Organic	n-Butylbenzene	104-51-8
2-Phenylbutane	Organic	sec-Butylbenzene	135-98-8
m-Phenylenediamine	Organic	m-Phenylenediamine	108-45-2
o-Phenylenediamine	Organic	o-Phenylenediamine	95-54-5
Phenylethane	Organic	Ethylbenzene	100-41-4
Phenyl ether	Organic	Phenyl ether	101-84-8
Phenyl glycidyl ether	Organic	Phenyl glycidyl ether	122-60-1

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CONSTITUENT	Category	See Listing (s) Under:	CAS No.
Phenylhydrazine	Organic	Phenylhydrazine	100-63-0
Phenyl mercaptan	Organic	Phenyl mercaptan	108-98-5
Phenylmercuric acetate	Organic	Phenylmercuric acetate	62-38-4
Phenylmethylketone	Organic	Acetophenone	98-86-2
o-Phenylphenate, sodium	Organic	o-Phenylphenate, sodium	132-27-4
1-Phenylpropane	Organic	n-Propylbenzene	103-65-1
2-Phenylpropane	Organic	Cumene	98-82-8
Phorate	Organic	Phorate	298-02-2
Phosmet	Organic	Phosmet	732-11-6
Phosphate phosphorus	Inorganic	Phosphate phosphorus	14265-44-2
Phosphine	Inorganic	Phosphine	7803-51-2
Phosphoric acid, trimethyl ester	Organic	Trimethyl phosphate	512-56-1
Phosphorus	Inorganic	Phosphorus	7723-14-0
Phostoxin	Inorganic	Aluminum phosphide	20859-73-8
Phthalic acid esters (PAEs)	Organic	Phthalate esters	
	Organic	n-Butyl benzyl phthalate	85-68-7
	Organic	Diethyl phthalate	84-66-2
	Organic	Dimethyl phthalate	131-11-3
	Organic	Di(n-octyl) phthalate	117-84-0
	Organic	Butylphthalyl butylglycolate	85-70-1
	Organic	Di-n-butyl phthalate	84-74-2
	Organic	Di(2-ethylhexyl)phthalate	117-81-7
	Organic	Ethylphthalyl ethylglycolate	84-72-0
	Organic	Phthalate esters	
Phthalate esters	Organic	Phthalate esters	
Phthalates	Organic	Phthalate esters	
Phthalic acid, dihexyl ester	Organic	Di-n-hexyl phthalate	84-75-3
Phthalic anhydride	Organic	Phthalic anhydride	85-44-9
Picloram	Organic	Picloram	6607
Picric acid	Organic	Trinitrophenol	88-89-1
Pirimiphos-methyl	Organic	Pirimiphos-methyl	29232-93-7
Planavin	Organic	Nitralin	4726-14-1
PNAs	Organic	PAHs	
Poast	Organic	Sethoxydim	74051-80-2
Poligeenan	Organic	Polygeenan	53973-98-1
Polybrominated biphenyls	Organic	Polybrominated biphenyls	
Polychlorinated biphenyls	Organic	Polychlorinated biphenyls	1336-36-3
	Organic	2,3,3',4,4',5,5'-Heptachlorobiphenyl	39635-31-9
	Organic	2,3,3',4,4',5'-Hexachlorobiphenyl	69782-90-7
	Organic	2,3,3',4,4',5-Hexachlorobiphenyl	38380-08-4
	Organic	2,3',4,4',5,5'-Hexachlorobiphenyl	52663-72-6
	Organic	3,3',4,4',5,5'-Hexachlorobiphenyl	32774-16-6
	Organic	2,3,3',4,4'-Pentachlorobiphenyl	332598-14-4
	Organic	2,3,4,4',5-Pentachlorobiphenyl	74472-37-0
	Organic	2',3,4,4',5-Pentachlorobiphenyl	65510-44-3
	Organic	2,3',4,4',5-Pentachlorobiphenyl	31508-00-6
	Organic	3,3',4,4',5-Pentachlorobiphenyl	57465-28-8
	Organic	3,3',4,4'-Tetrachlorobiphenyl	32598-13-3
	Organic	3,4,4',5-Tetrachlorobiphenyl	70362-50-4
	Organic	Polygeenan	53973-98-1
Polygeenan	Organic	Polygeenan	53973-98-1
Polynuclear aromatic hydrocarbons	Organic	PAHs	
	Organic	Acenaphthene	83-32-9
	Organic	Acenaphthylene	208-96-8
	Organic	Anthracene	120-12-7
	Organic	Benz(a)anthracene	56-55-3
	Organic	Benzo(b)fluoranthene	205-99-2
	Organic	Benzo(j)fluoranthene	205-82-3
	Organic	Benzo(k)fluoranthene	207-08-9
	Organic	Benzo(g,h,i)perylene	191-24-2
	Organic	Benzo(a)pyrene	50-32-8
	Organic	Chrysene	218-01-9
	Organic	Dibenz(a,h)anthracene	53-70-3
	Organic	7H-Dibenzo(c,g)carbazole	194-59-2
	Organic	Dibenzo(a,e)pyrene	192-65-4
	Organic	Dibenzo(a,h)pyrene	189-64-0
	Organic	Dibenzo(a,i)pyrene	189-55-9
	Organic	Dibenzo(a,l)pyrene	191-30-0
	Organic	7,12-Dimethylbenz(a)anthracene	57-97-6
	Organic	Fluoranthene	206-44-0
	Organic	Fluorene	86-73-7
	Organic	Indeno(1,2,3-c,d)pyrene	193-39-5
	Organic	Phenanthrene	85-01-8
	Organic	Pyrene	129-00-0
Ponceau MC	Organic	Ponceau MC	3761-53-3
Ponceau MX	Organic	Ponceau MC	3761-53-3
Ponceau 3R	Organic	Ponceau 3R	608016
Pontamine Bond Blue B	Organic	C.I. Direct Blue 218	28407-37-6
Potassium bromate	Inorganic	Potassium bromate	2139594
Potassium cyanide	Inorganic	Potassium cyanide	151-50-8
Potassium dimethyldithiocarbamate	Organic	Potassium dimethyldithiocarbamate	128-03-0
Potassium silver cyanide	Inorganic	Potassium silver cyanide	506-61-6
PPTC	Organic	Vernam	1929-77-7
Pramitol	Organic	Prometon	1610-18-0
Princep	Organic	Simazine	122-34-9
Procarbazine	Organic	Procarbazine	671-16-9
Prochloraz	Organic	Prochloraz	67747-09-5

CROSS REFERENCE OF CHEMICAL NAMES

CONSTITUENT	Category	See Listing (s) Under:	CAS No.
Profam	Organic	Propham	122-42-9
Prometon	Organic	Prometon	1610-18-0
Prometryn	Organic	Prometryn	7287-19-6
Pronamide	Organic	Pronamide	23950-58-5
Propachlor	Organic	Propachlor	1918-16-7
Propane	Organic	Propane	74-98-6
Propanes, dichloro-	Organic	Dichloropropanes	26638-19-7
1,3-Propane sultone	Organic	1,3-Propane sultone	1120-71-4
Propanil	Organic	Propanil	709-98-8
Propanoic acid	Organic	Propionic acid	93-65-2
1-Propanol	Organic	n-Propyl alcohol	71-23-8
Propargite	Organic	Propargite	2312-35-8
Propargyl alcohol	Organic	Propargyl alcohol	107-19-7
Propazine	Organic	Propazine	139-40-2
Propene	Organic	Propylene	115-07-1
2-Propeneamide	Organic	Acrylamide	79-06-1
2-Propenenitrile	Organic	Acrylonitrile	107-13-1
Propenes, dichloro-	Organic	Dichloropropenes	
2-Propenoic acid	Organic	Acrylic acid	79-10-7
Propenyl alcohol	Organic	Allyl alcohol	107-18-6
2-Propenyl chloride	Organic	3-Chloropropene	107-05-1
Propham	Organic	Propham	122-42-9
Prophos	Organic	Propham	122-42-9
Propiconazole	Organic	Propiconazole	60207-90-1
beta-Propiolactone	Organic	beta-Propiolactone	57-57-8
Propionic acid	Organic	Propionic acid	93-65-2
Propoxur	Organic	Baygon	114-26-1
n-Propyl acetate	Organic	n-Propyl acetate	109-60-4
n-Propyl alcohol	Organic	n-Propyl alcohol	71-23-8
n-Propylbenzene	Organic	n-Propylbenzene	103-65-1
Propylene	Organic	Propylene	115-07-1
Propylene dichloride	Organic	1,2-Dichloropropane	78-87-5
Propyleneimine	Organic	Propyleneimine	75-55-8
Propylene oxide	Organic	Propylene oxide	75-56-9
n-Propyl nitrate	Organic	n-Propyl nitrate	627-13-4
Propylthiouracil	Organic	Propylthiouracil	51-52-5
2-Propynol	Organic	Propargyl alcohol	107-19-7
Propyzamide	Organic	Pronamide	23950-58-5
Prowl	Organic	Pendimethalin	40487-42-1
Prussite	Organic	Cyanogen	460-19-5
Pseudocumene	Organic	1,2,4-Trimethylbenzene	95-63-6
Pursuit	Organic	Pursuit	81335-77-5
Pydrin	Organic	Pydrin	51630-58-1
Pyrene	Organic	Pyrene	129-00-0
Pyridine	Organic	Pyridine	110-86-1
Q			
Quinalphos	Organic	Quinalphos	13593-03-8
Quinofop-ethyl	Organic	Assure	76578-14-8
Quinoline	Organic	Quinoline	91-22-5
Quinone	Organic	Quinone	106-51-4
Quintozine	Organic	Pentachloronitrobenzene	82-68-8
Quizalofop-ethyl	Organic	Assure	76578-14-8
R			
Radioactivity, Gross Alpha	Inorganic	Radioactivity, Gross Alpha	
Radioactivity, Gross Beta	Inorganic	Radioactivity, Gross Beta	
Radium-226 + Radium-228	Inorganic	Radium-226 + Radium-228	7440-14-4
Radon	Inorganic	Radon	14859-67-7
Rally	Organic	Sythane	88671-89-0
Ramrod	Organic	Propachlor	1918-16-7
RDX	Organic	RDX (Cyclonite)	121-82-4
Redax	Organic	N-Nitrosodiphenylamine	86-30-6
Reglone	Organic	Diquat	85-00-7
Reserpine	Organic	Reserpine	50-55-5
Resmethrin	Organic	Resmethrin	10453-86-8
Resorcinol	Organic	Resorcinol	108-46-3
Retard	Organic	Maleic hydrazide	123-33-1
Rn	Inorganic	Radon	14859-67-7
Rodeo	Organic	Glyphosate	1071-83-6
Ronilan	Organic	Vinclozolin	50471-44-8
Rotenone	Organic	Rotenone	83-79-4
Roundup	Organic	Glyphosate	1071-83-6
Rovral	Organic	Iprodione	36734-19-7
226Ra + 228Ra	Inorganic	Radium-226 + Radium-228	7440-14-4
RU 25474	Organic	Tralomethrin	66841-25-6
S			
Safrole	Organic	Safrole	94-59-7
Savey	Organic	Savey	78587-05-0
Sb	Inorganic	Antimony	7440-36-0
SBP-1382	Organic	Resmethrin	10453-86-8
Scepter	Organic	Imazaquin	81335-37-7
Se	Inorganic	Selenium	7782-49-2
Selenium	Inorganic	Selenium	7782-49-2
Sethoxydim	Organic	Sethoxydim	74051-80-2
Settleable solids	Inorganic	Settleable solids	
Sevin	Organic	Carbaryl	63-25-2
Silver	Inorganic	Silver	7440-22-4
Silver cyanide	Inorganic	Silver cyanide	506-64-9
Silver potassium cyanide	Inorganic	Potassium silver cyanide	506-61-6
Silvex	Organic	2,4,5-TP (Silvex)	93-72-1

CROSS REFERENCE OF CHEMICAL NAMES

CONSTITUENT	Category	See Listing (s) Under:	CAS No.
Simazine	Organic	Simazine	122-34-9
Sinbar	Organic	Terbacil	5902-51-2
SO4=	Inorganic	Sulfate	14808-79-8
Sodium	Inorganic	Sodium	7440-23-5
Sodium azide	Inorganic	Sodium azide	26628-22-8
Sodium cyanide	Inorganic	Sodium cyanide	143-33-9
Sodium diethyldithiocarbamate	Organic	Sodium diethyldithiocarbamate	148-18-5
Sodium dimethyldithiocarbamate	Organic	Sodium dimethyldithiocarbamate	128-04-1
Sodium fluoroacetate	Organic	Sodium fluoroacetate	62-74-8
Sodium o-phenylphenate	Organic	o-Phenylphenate, sodium	132-27-4
Solantine Blue 10GL	Organic	C.I. Direct Blue 218	28407-37-6
Sonar	Organic	Fluridone	59756-60-4
Specific conductance	Inorganic	Electrical Conductivity	
Spike	Organic	Tebuthiuron	34014-18-1
90Sr	Inorganic	Strontium-90	10098-97-2
Sr	Inorganic	Strontium	7440-24-6
Sterigmatocystin	Organic	Sterigmatocystin	10048-13-2
Steri-Seal	Organic	o-Phenylphenate, sodium	132-27-4
Stockade	Organic	Cypermethrin	52315-07-8
Stop Mold	Organic	o-Phenylphenate, sodium	132-27-4
Streptozocin	Organic	Streptozocin	18883-66-4
Streptozotocin	Organic	Streptozotocin	18883-66-4
Strontium	Inorganic	Strontium	7440-24-6
Strontium-90	Inorganic	Strontium-90	10098-97-2
Strychnine	Organic	Strychnine	57-24-9
Styrene	Organic	Styrene	100-42-5
Styrene oxide	Organic	Styrene oxide	96-09-3
Subdue	Organic	Metalaxyl	57837-19-1
Sugar of lead	Organic	Lead acetate	301-04-2
Sulfallate	Organic	Sulfallate	95-06-7
Sulfate	Inorganic	Sulfate	14808-79-8
Sulfonamide	Organic	Chlorsulfuron	64902-72-3
Sulfonimide	Organic	Captafol	191906
Sulfur dioxide	Inorganic	Sulfur dioxide	2025884
Sutan	Organic	Butylate	2008-41-5
Systhane	Organic	Systhane	88671-89-0
Systox	Organic	Demeton	8065-48-3
T			
2,4,5-T	Organic	2,4,5-T	93-76-5
Talstar	Organic	Biphenrin	82657-04-3
Tandem	Organic	Tridiphane	58138-08-2
TBA	Organic	tert-Butyl alcohol	75-65-0
TBT	Organic	Tributyltin	688-73-3
1,1,1-TCA	Organic	1,1,1-Trichloroethane	71-55-6
1,1,2-TCA	Organic	1,1,2-Trichloroethane	79-00-5
unsymmetrical-TCB	Organic	1,2,4-Trichlorobenzene	120-82-1
2,3,7,8-TCDD	Organic	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6
2,3,7,8-TCDF	Organic	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9
TCE	Organic	Trichloroethylene (TCE)	79-01-6
1,2,3-TCP	Organic	1,2,3-Trichloropropane	96-18-4
TDS	Inorganic	Total dissolved solids (TDS)	
Tebuthiuron	Organic	Tebuthiuron	34014-18-1
TEDP	Organic	Tetraethyldithiopyrophosphate	3689-24-5
TEL	Organic	Tetraethyl lead	78-00-2
Telone II	Organic	1,3-Dichloropropane	542-75-6
Telone, minor component of	Organic	1,2-Dichloropropane	78-87-5
Temik	Organic	Aldicarb	116-06-3
Terbacil	Organic	Terbacil	5902-51-2
Terbufos	Organic	Terbufos	13071-79-9
Terbutryn	Organic	Terbutryn	886-50-0
Terraclor	Organic	Pentachloronitrobenzene	82-68-8
2,2',4,4'-Tetrabromodiphenyl ether	Organic	2,2',4,4'-Tetrabromodiphenyl ether	5436-43-1
1,2,4,5-Tetrachlorobenzene	Organic	1,2,4,5-Tetrachlorobenzene	95-94-3
3,3',4,4'-Tetrachlorobiphenyl	Organic	3,3',4,4'-Tetrachlorobiphenyl	32598-13-3
3,4,4',5-Tetrachlorobiphenyl	Organic	3,4,4',5-Tetrachlorobiphenyl	70362-50-4
2,3,7,8-Tetrachlorodibenzodioxin	Organic	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6
2,3,7,8-Tetrachlorodibenzo-p-dioxin	Organic	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6
2,3,7,8-Tetrachlorodibenzofuran	Organic	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9
1,1,1,2-Tetrachloroethane	Organic	1,1,1,2-Tetrachloroethane	630-20-6
1,1,2,2-Tetrachloroethane	Organic	1,1,2,2-Tetrachloroethane	79-34-5
Tetrachloroethene	Organic	Tetrachloroethylene (PCE)	127-18-4
Tetrachloroethylene	Organic	Tetrachloroethylene (PCE)	127-18-4
Tetrachloromethane	Organic	Carbon tetrachloride	56-23-5
2,3,4,6-Tetrachlorophenol	Organic	2,3,4,6-Tetrachlorophenol	58-90-2
2,3,5,6-Tetrachlorophenol	Organic	2,3,5,6-Tetrachlorophenol	935-95-5
2,3,5,6-Tetrachloroterephthalate	Organic	2,3,5,6-Tetrachloroterephthalate	2136-79-0
2,3,5,6-Tetrachloroterephthalic acid	Organic	2,3,5,6-Tetrachloroterephthalate	2136-79-0
2,3,5,6-Tetrachloroterephthalic acid dimethyl ether	Organic	Dacthal (DCPA)	1861-32-1
Tetrachlorovinphos	Organic	Tetrachlorovinphos	961-11-5
Tetrachlorovinphos	Organic	Tetrachlorovinphos	961-11-5
Tetraethyldithiopyrophosphate	Organic	Tetraethyldithiopyrophosphate	3689-24-5
Tetraethyl lead	Organic	Tetraethyl lead	78-00-2
Tetrahydrofuran	Organic	Tetrahydrofuran	109-99-9
Tetramethyldiaminobenzophenone	Organic	Michler's ketone	90-94-8
1,4,5,8-Tetraminoanthraquinone	Organic	Disperse Blue 1	2475-45-8
Tetranitromethane	Organic	Tetranitromethane	509-14-8
Thallium	Inorganic	Thallium	7440-28-0
Thimet	Organic	Phorate	298-02-2
Thioacetamide	Organic	Thioacetamide	62-55-5

CROSS REFERENCE OF CHEMICAL NAMES

CONSTITUENT	Category	See Listing(s) Under:	CAS No.
Thiobencarb	Organic	Thiobencarb	28249-77-6
Thiocarb	Organic	Sodium diethyldithiocarbamate	148-18-5
Thiodan	Organic	Endosulfan	115-29-7
4,4'-Thiodianiline	Organic	4,4'-Thiodianiline	139-65-1
Thiophanate-methyl	Organic	Thiophanate-methyl	23564-05-8
Thiophenol	Organic	Phenyl mercaptan	108-98-5
Thiophos	Organic	Parathion	56-38-2
Thiotepa	Organic	Tris(1-aziridinyl)phosphine sulfide	52-24-4
Thiourea	Organic	Thiourea	62-56-6
Thiram	Organic	Thiram	137-26-8
THMs	Organic	Bromodichloromethane	75-27-4
	Organic	Bromoform	75-25-2
	Organic	Chloroform	67-66-3
	Organic	Dibromochloromethane	124-48-1
Thriafur	Organic	2-Amino-5-(5-nitro-2-furyl)-1,3,4-thiadiazole	712-68-5
Tin, tributyl-	Organic	Tributyltin	688-73-3
Tl	Inorganic	Thallium	7440-28-0
TNT	Organic	2,4,6-Trinitrotoluene (TNT)	118-96-7
o-Tolidine	Organic	3,3'-Dimethylbenzidine	119-93-7
Toluene	Organic	Toluene	108-88-3
2,4-Toluenediamine	Organic	2,4-Diaminotoluene	95-80-7
Toluene diisocyanate	Organic	Toluene diisocyanate	26471-62-5
Toluenes, dinitro-	Organic	Dinitrotoluenes	25321-14-6
ortho-Toluidine	Organic	o-Toluidine	95-53-4
o-Toluidine	Organic	o-Toluidine	95-53-4
Tolyl chloride	Organic	Benzyl chloride	100-44-7
Tordon	Organic	Picloram	6607
Total dissolved solids	Inorganic	Total dissolved solids (TDS)	
Toxaphene	Organic	Toxaphene	8001-35-2
2,4,5-TP	Organic	2,4,5-TP (Silvex)	93-72-1
Trp-P-1	Organic	Tryptophan-P-1	62450-06-0
Trp-P-2	Organic	Tryptophan-P-2	62450-07-1
Tralomethrin	Organic	Tralomethrin	66841-25-6
Treflan	Organic	Trifluralin	1582-09-8
Triallate	Organic	Triallate	2303-17-5
Triasulfuron	Organic	Triasulfuron	82097-50-5
1,2,4-Tribromo-5-(2,4-dibromophenoxy)benzene	Organic	2,2',4,4',5-Pentabromodiphenyl ether	60348-60-9
1,2,4-Tribromobenzene	Organic	1,2,4-Tribromobenzene	615-54-3
Tribromomethane	Organic	Bromoform	75-25-2
Tribufos	Organic	Merphos	150-50-5
Tributyltin	Organic	Tributyltin	688-73-3
1,1,1-Trichloro-2,2-ethanediol	Organic	Chloral hydrate	302-17-0
Trichlorfon	Organic	Trichlorfon	52-68-6
Trichloroacetaldehyde, hydrated	Organic	Chloral hydrate	302-17-0
Trichloroacetic acid	Organic	Trichloroacetic acid	76-03-9
Trichloroacetonitrile	Organic	Trichloroacetonitrile	545-06-02
unsymmetrical-Trichlorobenzene	Organic	1,2,4-Trichlorobenzene	120-82-1
1,2,4-Trichlorobenzene	Organic	1,2,4-Trichlorobenzene	120-82-1
1,3,5-Trichlorobenzene	Organic	1,3,5-Trichlorobenzene	108-70-3
Trichlorobenzenes	Organic	Trichlorobenzenes	12002-48-1
1,1,1-Trichloroethane	Organic	1,1,1-Trichloroethane	71-55-6
1,1,2-Trichloroethane	Organic	1,1,2-Trichloroethane	79-00-5
Trichloroethene	Organic	Trichloroethylene (TCE)	79-01-6
Trichloroethylene	Organic	Trichloroethylene (TCE)	79-01-6
1,1,2-Trichloroethylene	Organic	Trichloroethylene (TCE)	79-01-6
Trichloroethylidene glycol	Organic	Chloral hydrate	302-17-0
Trichlorofluoromethane	Organic	Trichlorofluoromethane	75-69-4
Trichloromethane	Organic	Chloroform	67-66-3
(Trichloromethyl)benzene	Organic	Benzotrichloride	98-07-7
N-Trichloromethylmercapto-tetrahydrophthalimide	Organic	Captan	133-06-2
2,4,5-Trichlorophenol	Organic	2,4,5-Trichlorophenol	95-95-4
2,4,6-Trichlorophenol	Organic	2,4,6-Trichlorophenol	88-06-2
2,4,5-Trichlorophenoxyacetic acid	Organic	2,4,5-T	93-76-5
2,4,5-Trichlorophenoxypropionic acid	Organic	2,4,5-TP (Silvex)	93-72-1
2 (2,4,5-Trichlorophenoxy) propionic acid	Organic	2,4,5-TP (Silvex)	93-72-1
1,1,2-Trichloropropane	Organic	1,1,2-Trichloropropane	598-77-6
1,2,3-Trichloropropane	Organic	1,2,3-Trichloropropane	96-18-4
alpha,alpha,alpha-Trichlorotoluene	Organic	Benzotrichloride	98-07-7
Trichlorotrifluoroethane	Organic	1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1
1,1,2-Trichloro-1,2,2-trifluoroethane	Organic	1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1
Trichlorphon	Organic	Trichlorfon	52-68-6
Tridiphane	Organic	Tridiphane	58138-08-2
Triethylamine	Organic	Triethylamine	121-44-8
Trifluralin	Organic	Trifluralin	1582-09-8
Triglycine	Organic	Nitrotriacetic acid	139-13-9
Trihalomethanes	Organic	Bromodichloromethane	75-27-4
	Organic	Bromoform	75-25-2
	Organic	Chloroform	67-66-3
	Organic	Dibromochloromethane	124-48-1
Triiodomethane	Organic	Iodoform	75-47-8
Trilead phosphate	Inorganic	Lead phosphate	7446-27-7
Trimethylamine	Organic	Trimethylamine	75-50-3
asymmetrical-Trimethylbenzene	Organic	1,2,4-Trimethylbenzene	95-63-6
symmetrical-Trimethylbenzene	Organic	1,3,5-Trimethylbenzene	108-67-8
1,2,4-Trimethylbenzene	Organic	1,2,4-Trimethylbenzene	95-63-6
1,3,5-Trimethylbenzene	Organic	1,3,5-Trimethylbenzene	108-67-8
Trimethyl phosphate	Organic	Trimethyl phosphate	512-56-1
1,3,5-Trinitrobenzene	Organic	1,3,5-Trinitrobenzene	99-35-4
Trinitroglycerol	Organic	Trinitroglycerol	55-63-0

CROSS REFERENCE OF CHEMICAL NAMES

CONSTITUENT	Category	See Listing(s) Under:	CAS No.
Trinitrophenol	Organic	Trinitrophenol	88-89-1
2,4,6-Trinitrotoluene	Organic	2,4,6-Trinitrotoluene (TNT)	118-96-7
Tris(1-aziridinyl)phosphine sulfide	Organic	Tris(1-aziridinyl)phosphine sulfide	52-24-4
Tris(2,3-dibromopropyl)phosphate	Organic	Tris(2,3-dibromopropyl)phosphate	126-72-7
Trisodium nitrilotriacetate	Organic	Nitrilotriacetate, trisodium monohydrate	18662-53-8
Trithion	Organic	Trithion	786-19-6
Tritium	Inorganic	Tritium	10028-17-8
Tryptophan-P-1	Organic	Tryptophan-P-1	62450-06-0
Tryptophan-P-2	Organic	Tryptophan-P-2	62450-07-1
Turbacil	Organic	Terbacil	5902-51-2
Turbidity	Inorganic	Turbidity	
U			
U	Inorganic	Uranium	7440-61-1
UDMH	Organic	1,1-Dimethylhydrazine	57-14-7
Uranium	Inorganic	Uranium	7440-61-1
Urethane	Organic	Urethane	51-79-6
Urox	Organic	Bromacil	314-40-9
V			
V	Inorganic	Vanadium	7440-62-2
n-Valeraldehyde	Organic	n-Valeraldehyde	110-62-3
Vanadium	Inorganic	Vanadium	7440-62-2
Vapam	Organic	N-Methyl dithiocarbamate	137-42-8
VC	Organic	Vinyl chloride	75-01-4
Vegadex	Organic	Sulfallate	95-06-7
Velpar	Organic	Hexazinone	51235-04-2
Verdict	Organic	Haloxypop-methyl	69806-40-2
Vernam	Organic	Vernam	1929-77-7
Vernolate	Organic	Vernam	1929-77-7
Vinclozolin	Organic	Vinclozolin	50471-44-8
Vinyl acetate	Organic	Vinyl acetate	108-05-4
Vinylbenzene	Organic	Styrene	100-42-5
Vinyl bromide	Organic	Vinyl bromide	593-60-2
Vinyl chloride	Organic	Vinyl chloride	75-01-4
Vinyl cyanide	Organic	Acrylonitrile	107-13-1
Vinylethylene	Organic	1,3-Butadiene	106-99-0
Vinylidene chloride	Organic	1,1-Dichloroethylene	75-35-4
Vinyl toluene	Organic	Vinyl toluene	25013-15-4
Vinyl trichloride	Organic	1,1,2-Trichloroethane	79-00-5
Vitavax	Organic	Carboxin	5234-68-4
Vorlex component	Organic	Methylisothiocyanate	556-61-6
Vydate	Organic	Oxamyl	23135-22-0
W			
Warfarin	Organic	Warfarin	81-81-2
Waxes, chlorinated	Organic	Chlorinated paraffins	
Wintomylon	Organic	Nalidixic acid	389-08-2
Wipeout	Organic	Amdro	67485-29-4
X			
o-Xylene	Organic	Xylene(s)	1330-20-7
m-Xylene	Organic	Xylene(s)	1330-20-7
p-Xylene	Organic	Xylene(s)	1330-20-7
Xylene(s)	Organic	Xylene(s)	1330-20-7
asymmetrical-m-Xylenol	Organic	2,4-Dimethylphenol	105-67-9
2,4-Xylidine	Organic	2,4-Xylidine	1300-73-8
2,6-Xylidine	Organic	2,6-Xylidine	87-62-7
Z			
Zinc	Inorganic	Zinc	7440-66-6
Zinc cyanide	Inorganic	Zinc cyanide	557-21-1
Zinc phosphide	Inorganic	Zinc phosphide	1314-84-7
Zineb	Organic	Zineb	12122-67-7
Ziram	Organic	Ziram	137-30-4
Zn	Inorganic	Zinc	7440-66-6

WATER QUALITY LIMITS
FOR
CONSTITUENTS AND PARAMETERS

WATER QUALITY LIMITS FOR CONSTITUENTS AND PARAMETERS (in ug/l or ppb unless noted)

CONSTITUENT or PARAMETER	Drinking Water Standards (California & Federal) Maximum Contaminant Levels (MCLs)					California Public Health Goal (PHG) in Drinking Water (Office of Environmental Health Hazard Assessment; OEHA)	California State Notification Level (formerly Action Level) and Response Level for Drinking Water (CDPH) (191)	Agricultural Water Quality Limits (78)	Taste & Odor Threshold (see also Secondary MCL and National Recommended Water Quality Criteria)
	California Department of Public Health (CDPH)		U.S. Environmental Protection Agency (USEPA)						
	Primary MCL	Secondary MCL	Primary MCL	Secondary MCL	MCL Goal				
A-alpha-C									
Acenaphthene									
Acenaphthylene									
Acephate									
Acetaldehyde								34 (126)	
Acetamide									
Acetic acid								97,000 (126)	
Acetochlor									
Acetone								20,000 (126)	
Acetonitrile								300,000 (126)	
Acetophenone									
2-Acetylaminofluorene									
Acetylene								670 (126)	
Acifluorfen									
Acrolein								110 (126)	
Acrylamide	(105)		(105)		0 (185)				
Acrylic acid									
Acrylonitrile								9100 (126)	
Actinomycin D									
AF-2									
Aflatoxins									
Alachlor	2		2		0 (185)	4 (188)			
Aldicarb			3 (148)		1 (148)		7 / 70 (191)		
Aldicarb sulfone			3 (148)		1 (148)				
Aldicarb sulfoxide			4 (148)		1 (148)				
Aldrin							0.002 / 0.2 (188,191)		
Alkalinity									
Allyl									
Allyl alcohol								14,000 (126)	
Aluminum	1000	200		50 / 200 (30)		600	5000		
Aluminum phosphide									
Amdro									
Ametryn									
2-Aminoanthraquinone									
o-Aminoazotoluene									
4-Aminobiphenyl									
3-Amino-9-ethylcarbazole hydrochloride									
1-Amino-2-methylanthraquinone									
2-Amino-5-(5-nitro-2-furyl)- 1,3,4-thiadiazole									
Amitraz									
Amitrole									
Ammonia								1500 (126)	
Ammonium sulfamate									
n-Amyl acetate								37 (126)	
Aniline								65,000 (126)	
o-Anisidine									
Anthracene									
Antimony	6		6		6	20			
Apollo									
Aramite									
Arsenic	50 / 10 (68)		10		0 (185)	0.004 (188)	100		
Arsine								0.35 (126)	
Asbestos	7 MFL (101)		7 MFL (101)		7 MFL (101)	7 MFL (101,188)			

WATER QUALITY LIMITS FOR CONSTITUENTS AND PARAMETERS (in ug/l or ppb unless noted)

CONSTITUENT or PARAMETER	USEPA Integrated Risk Information System (IRIS) Reference Dose as a Drinking Water Level (60)	Drinking Water Health Advisories or Suggested No-Adverse-Response Levels (SNARLs) for toxicity other than cancer risk		One-in-a-Million Incremental Cancer Risk Estimates for Drinking Water				California Proposition 65 Safe Harbor Level (OEHHA) as a Drinking Water Level (14)	
		USEPA	National Academy of Sciences (NAS)	Cal/EPA Cancer Potency Factor as a Drinking Water Level (102)	USEPA Integrated Risk Information System (IRIS)	USEPA Drinking Water Health Advisory or SNARL	National Academy of Sciences (NAS)	No Significant Risk Level (one-in-100,000 cancer risk)	Maximum Allowable Dose Level for Reproductive Toxicity
A-alpha-C				0.088				1 (188)	
Acenaphthene	420								
Acenaphthylene					(D)				
Acephate	2.8				4 (C)				
Acetaldehyde					(B2)			(188)	
Acetamide				0.5				5 (188)	
Acetic acid									
Acetochlor	140							35 (68,188)	
Acetone	6300				(D)				
Acetonitrile					(D)				
Acetophenone	700				(D)				
2-Acetylaminofluorene				0.0092				0.1 (188)	
Acetylene									
Acifluorfen	91	2000 (10-day)				1 (L/N)		10 (68,188)	
Acrolein	3.5				(D)				
Acrylamide	1.4 / 21 (68)	300 (10-day)		0.0078	0.008 / 0.07 (B2,68)	0.008 (B2,166)	0.024	0.1 (188)	
Acrylic acid	3500								
Acrylonitrile				0.035	0.06 (B1)	0.06 (B1)	0.38	0.35 (188)	
Actinomycin D				0.000004				0.00004 (188)	(189)
AF-2				0.15				1.5 (188)	
Aflatoxins								0.01 (68,188)	
Alachlor	70	100 (10-day)	700	0.63		0.4 (B2,167)		4.5 (68,188)	
Aldicarb	7	7	0.2 / 0.7 (7)		(D)	(D)	2.3 (21)		
Aldicarb sulfone	7	7			(D)	(D)			
Aldicarb sulfoxide		10 (10-day)				(D)			
Aldrin	0.21	0.3 (10-day)		0.0021	0.002 (B2)	0.002 (B2)	0.003	0.02 (188)	
Alkalinity									
Allyl	1750								
Allyl alcohol	35			1.7	(C)				
Aluminum			5000 (7-day)						
Aluminum phosphide	2.8								
Amdro	2.1								60 (189)
Ametryn	63	60				(D)			
2-Aminoanthraquinone				1.1				10 (188)	
o-Aminoazotoluene				0.0092				0.1 (188)	
4-Aminobiphenyl				0.0017				0.015 (188)	
3-Amino-9-ethylcarbazole hydrochloride				0.45				4.5 (188)	
1-Amino-2-methylantraquinone				0.23				2.5 (188)	
2-Amino-5-(5-nitro-2-furyl)- 1,3,4-thiadiazole				0.0022				0.02 (188)	
Amitraz	18								(189)
Amitrole				0.037				0.35 (188)	
Ammonia		30,000 (68)				(D,68)			
Ammonium sulfamate	1400	2000				(D)			
n-Amyl acetate									
Aniline				6.1	6 (B2)			50 (188)	
o-Anisidine				0.25 / 0.32 (174)				2.5 / 3.5 (174,188)	
Anthracene	2100				(D)	(D)			
Antimony	2.8	6				(D)			
Apollo	9.1				(C)				
Aramite				1.2	1 (B2)			10 (188)	
Arsenic	2.1			0.0037	0.02 (A)	0.02 (A,166)		5 (188)	0.05 (5,189)
Arsine									
Asbestos				(15)	(A)	7 MFL (A,101)		(15,188)	

WATER QUALITY LIMITS FOR CONSTITUENTS AND PARAMETERS (in ug/l or ppb unless noted)

CONSTITUENT or PARAMETER	California Toxics Rule Criteria (USEPA) unless noted								
	Inland Surface Waters					Enclosed Bays & Estuaries			
	Human Health (30-day Average)		Freshwater Aquatic Life Protection			Human Health (30-day Average) aquatic organism consumption only		Saltwater Aquatic Life Protection	
	Drinking Water Sources (consumption of water and aquatic organisms)	Other Waters (aquatic organism consumption only)	Continuous Concentration (4-day Average)	Maximum Concentration (1-hour Average)	Instantaneous Maximum	Continuous Concentration (4-day Average)	Maximum Concentration (1-hour Average)	Instantaneous Maximum	
A-alpha-C									
Acenaphthene	1200	2700				2700			
Acenaphthylene									
Acephate									
Acetaldehyde									
Acetamide									
Acetic acid									
Acetochlor									
Acetone									
Acetonitrile									
Acetophenone									
2-Acetylaminofluorene									
Acetylene									
Acifluorfen									
Acrolein	320 (143)	780 (143)				780 (143)			
Acrylamide									
Acrylic acid									
Acrylonitrile	0.059 (113,143)	0.66 (113,143)				0.66 (113,143)			
Actinomycin D									
AF-2									
Aflatoxins									
Alachlor									
Aldicarb									
Aldicarb sulfone									
Aldicarb sulfoxide									
Aldrin	0.00013 (113,188)	0.00014 (113,188)			3	0.00014 (113,188)		1.3	
Alkalinity									
Allyl									
Allyl alcohol									
Aluminum									
Aluminum phosphide									
Amdro									
Ametryn									
2-Aminoanthraquinone									
o-Aminoazotoluene									
4-Aminobiphenyl									
3-Amino-9-ethylcarbazole hydrochloride									
1-Amino-2-methylantraquinone									
2-Amino-5-(5-nitro-2-furyl)- 1,3,4-thiadiazole									
Amitraz									
Amitrole									
Ammonia									
Ammonium sulfamate									
n-Amyl acetate									
Aniline									
o-Anisidine									
Anthracene	9600	110,000				110,000			
Antimony	14 (2)	4300 (2)				4300 (2)			
Apollo									
Aramite									
Arsenic			150 (1,142)	340 (1,142)			36 (1,142)	69 (1,142)	
Arsine									
Asbestos	7 MFL (101,143)								

WATER QUALITY LIMITS FOR CONSTITUENTS AND PARAMETERS (in ug/l or ppb unless noted)

CONSTITUENT or PARAMETER	USEPA National Recommended Ambient Water Quality Criteria unless noted											
	for Human Health and Welfare Protection					for Freshwater Aquatic Life Protection						
	Non-Cancer Health Effects		One-in-a-Million Cancer Risk Estimate			Recommended Criteria				Toxicity Information (Lowest Observed Effect Level)		
	Sources of Drinking Water (water+organisms)	Other Waters (aquatic organism consumption only)	Sources of Drinking Water (water+organisms)	Other Waters (aquatic organism consumption only)	Taste & Odor or Welfare	Continuous Concentration (4-day Average)	24-hour Average	Maximum Concentration (1-hour Average)	Instantaneous Maximum	Acute	Chronic	Other
A-alpha-C												
Acenaphthene	670	990			20					1700		520 (38)
Acenaphthylene												
Acephate												
Acetaldehyde												
Acetamide												
Acetic acid												
Acetochlor												
Acetone												
Acetonitrile												
Acetophenone												
2-Acetylaminofluorene												
Acetylene												
Acifluorfen												
Acrolein	190	290								68	21	
Acrylamide												
Acrylic acid												
Acrylonitrile			0.051 (188)	0.25 (188)						7550		2600 (17)
Actinomycin D												
AF-2												
Aflatoxins												
Alachlor										76 (8)		
Aldicarb												
Aldicarb sulfone												
Aldicarb sulfoxide												
Aldrin			0.000049 (188)	0.00005 (188)						3 (154)		
Alkalinity						20,000 (9.51)						
Allyl												
Allyl alcohol												
Aluminum						87 (2.62)		750 (2.62)				
Aluminum phosphide												
Amdro												
Ametryn												
2-Aminoanthraquinone												
o-Aminoazotoluene												
4-Aminobiphenyl												
3-Amino-9-ethylcarbazole hydrochloride												
1-Amino-2-methylantraquinone												
2-Amino-5-(5-nitro-2-furyl)- 1,3,4-thiadiazole												
Amitraz												
Amitrole												
Ammonia						see page 17		see page 17				
Ammonium sulfamate												
n-Amyl acetate												
Aniline						14 (68)		28 (68)				
o-Anisidine												
Anthracene	8300	40,000										
Antimony	5.6 (2)	640 (2)								9000	1600	610 (38)
Apollo												
Aramite												
Arsenic			0.018 (2.94)	0.14 (2.94)		150 (1)		340 (1)				
Arsine												
Asbestos			7 MFL (101)									

WATER QUALITY LIMITS FOR CONSTITUENTS AND PARAMETERS (in ug/l or ppb unless noted)

CONSTITUENT or PARAMETER	California Ocean Plan Numerical Water Quality Objectives						USEPA National Recommended Ambient Water Quality Criteria for Saltwater Aquatic Life Protection							
	Human Health (30-day Average) aquatic organism consumption only	Marine Aquatic Life Protection					Recommended Criteria				Toxicity Information (Lowest Observed Effect Level)			
		6-month Median	30-day Average	7-day Average	Daily Maximum	Instantaneous Maximum	Continuous Concentration (4-day Average)	24-hour Average	Maximum Concentration (1-hour Average)	Instantaneous Maximum	Toxicity Information (Lowest Observed Effect Level)			
											Acute	Chronic	Other	
A-alpha-C														
Acenaphthene												970	710	500 (38)
Acenaphthylene	0.0088 (33,188)											300 (52)		
Acephate														
Acetaldehyde														
Acetamide														
Acetic acid														
Acetochlor														
Acetone														
Acetonitrile														
Acetophenone														
2-Acetylaminofluorene														
Acetylene														
Acifluorfen														
Acrolein	220											55		
Acrylamide														
Acrylic acid														
Acrylonitrile	0.1 (188)													
Actinomycin D														
AF-2														
Aflatoxins														
Alachlor														
Aldicarb														
Aldicarb sulfone														
Aldicarb sulfoxide														
Aldrin	0.000022 (188)											10.3 (154)		
Alkalinity														
Allyl														
Allyl alcohol														
Aluminum														
Aluminum phosphide														
Amdro														
Ametryn														
2-Aminoanthraquinone														
o-Aminoazotoluene														
4-Aminobiphenyl														
3-Amino-9-ethylcarbazole hydrochloride														
1-Amino-2-methylanthraquinone														
2-Amino-5-(5-nitro-2-furyl)- 1,3,4-thiadiazole														
Amitraz														
Amitrole														
Ammonia		600 (89)			2400 (89)	6000 (89)	35 / see page 18 (112)			233 / see page 18 (112)				
Ammonium sulfamate														
n-Amyl acetate														
Aniline							37 (68)			77 (68)				
o-Anisidine														
Anthracene	0.0088 (33,188)											300 (52)		
Antimony	1200													
Apollo														
Aramite														
Arsenic		8			32	80	36 (1)			69 (1)				
Arsine														
Asbestos														

WATER QUALITY LIMITS FOR CONSTITUENTS AND PARAMETERS (in ug/l or ppb unless noted)

CONSTITUENT or PARAMETER	Chemical Abstracts Service Registry Number	Synonyms and Abbreviations	
A-alpha-C	26148-68-5	2-Amino-9H-pyrido(2,3-b)indole	2-Amino-alpha-carboline
Acenaphthene	83-32-9	1,2-Dihydroacenaphthylene	Glob-P-2
Acenaphthylene	208-96-8		a polynuclear aromatic hydrocarbon
Acephate	30560-19-1		a polynuclear aromatic hydrocarbon
Acetaldehyde	75-07-0	Ethanal	
Acetamide	60-35-5	Acetic acid amide	Ethanamide
Acetic acid	64-19-7		Methanecarboxamide
Acetochlor	34256-82-1		
Acetone	67-64-1	Dimethylketone	
Acetonitrile	75-05-8	Ethyl nitrile	Cyanomethane
Acetophenone	98-86-2	Phenylmethylketone	
2-Acetylaminofluorene	53-96-3	2-AAF	2-Fluorenylacetylamine
Acetylene	74-86-2	Ethyne	
Acifluorfen	62476-59-9	Blazer	
Acrolein	107-02-8		
Acrylamide	79-06-1	2-Propeneamide	
Acrylic acid	79-10-7	2-Propenoic acid	
Acrylonitrile	107-13-1	2-Propenenitrile	Vinyl cyanide
Actinomycin D	50-76-0	Dactinomycin	Cyanoethylene
AF-2	3688-53-7	2-(2-Furyl)-3-(5-nitro-2-furyl)acrylamide	Furylamide
Aflatoxins	1402-68-2		
Alachlor	15972-60-8	Alochlor	Lasso
Aldicarb	116-06-3	Temik	Alanex
Aldicarb sulfone	1646-88-4		
Aldicarb sulfoxide	1646-87-3		
Aldrin	309-00-2	1,4:5,8-Dimethanonaphthalene	Aldrosol
Alkalinity			HHDN
Allyl	74223-64-6	DPX 6376	
Allyl alcohol	107-18-6	Propenyl alcohol	Metasulfuron methyl ester
Aluminum	7429-90-5	Al	
Aluminum phosphide	20859-73-8	Celphos	Phostoxin
Amdro	67485-29-4	Hydramethylnon	Combat
Ametryn	834-12-8	Ametrex	Wipeout
2-Aminoanthraquinone	117-79-3		
o-Aminoazotoluene	97-56-3	4-Amino-2,3-dimethylazobenzene	
4-Aminobiphenyl	92-67-1	4-Aminodiphenyl	4-Biphenylamine
3-Amino-9-ethylcarbazole hydrochloride	6109-97-3	Methallyl chloride	
1-Amino-2-methylantraquinone	82-28-0	C.I. Disperse orange 11	2-Methyl-1-antraquinonylamine
2-Amino-5-(5-nitro-2-furyl)-1,3,4-thiadiazole	712-68-5	Furidiazine	Disperse orange 11
Amitraz	33089-61-1	Imidamide	Thriafur
Amitrole	61-82-5	3-Amino-1,2,4-triazole	
Ammonia	7664-41-7	NH ₃	NH ₄ ⁺ (ammonium)
Ammonium sulfamate	7773-06-0		
n-Amyl acetate	628-63-7		
Aniline	62-53-3	Aminobenzene	Benzamine
o-Anisidine	90-04-0	o-Methoxyaniline	Phenylamine
Anthracene	120-12-7		
Antimony	7440-36-0	Sb	a polynuclear aromatic hydrocarbon
Apollo	74115-24-5	Bisclofentazine	Clofentazine
Aramite	140-57-8	2-(p-Butylphenoxy)-1-methylethyl-2-chloroethyl sulfite	Aracide
Arsenic	7440-38-2	As	
Arsine	7784-42-1	AsH ₃	
Asbestos	1332-21-4		

WATER QUALITY LIMITS FOR CONSTITUENTS AND PARAMETERS (in ug/l or ppb unless noted)

CONSTITUENT or PARAMETER	Drinking Water Standards (California & Federal) Maximum Contaminant Levels (MCLs)					California Public Health Goal (PHG) in Drinking Water (Office of Environmental Health Hazard Assessment; OEHA)	California State Notification Level (formerly Action Level) and Response Level for Drinking Water (CDPH) (191)	Agricultural Water Quality Limits (78)	Taste & Odor Threshold (see also Secondary MCL and National Recommended Water Quality Criteria)
	California Department of Public Health (CDPH)		U.S. Environmental Protection Agency (USEPA)						
	Primary MCL	Secondary MCL	Primary MCL	Secondary MCL	MCL Goal				
Assure									
Asulam									
Atrazine	1		3		3	0.15 (188)			
Auramine									
Avermectin B1									
Azaserine									
Azathioprine									
Azinphos-methyl									
Azobenzene									
Barium	1000		2000		2000	2000			
Baygon							30 / 300 (191)		
Bayleton									
Baythroid									
Benefin									
Benomyl									
Bentazon	18					200			
Benzaldehyde									
Benz(a)anthracene			0.1 (68)		0 (68,185)				
Benzene	1		5		0 (185)	0.15 (188)		170 (126)	
Benzidine									
Benzo(b)fluoranthene									
Benzo(j)fluoranthene									
Benzo(k)fluoranthene									
Benzofuran									
Benzoic acid									
Benzo(g,h,i)perylene									
Benzo(a)pyrene	0.2		0.2		0 (185)	0.004 (188)			
Benzotrichloride									
Benzyl chloride								12 (126)	
Benzyl violet 4B									
Beryllium	4		4		4	1		100	
Beryllium oxide									
Beryllium sulfate									
alpha-BHC							0.015 / 1.5 (188,191)		
beta-BHC							0.025 / 2.5 (188,191)		
gamma-BHC (Lindane)	0.2		0.2		0.2	0.032 (147,188)			
delta-BHC									
technical-BHC									
Biphenthrin									
1,1-Biphenyl								0.5 (126)	
Bis(2-chloroethoxy) methane									
Bis(2-chloroethyl) ether								360 (126)	
Bis(2-chloroisopropyl) ether									
Bis(chloromethyl) ether									
Bisphenol A									
Boron							1000 / 10,000 (160,191)	700 / 750 (91)	
Bromacil									
Bromate	10		10		0 (185)	0.1 (68,188)			
Bromide									
Bromine								6.3 (126)	
Bromoacetic acid	60 (106)		60 (106)						
Bromobenzene									
Bromochloromethane								34,000 (126)	
Bromodichloromethane	80 (19)		80 (19)		0 (185)				
Bromoform	80 (19)		80 (19)		0 (185)			510 (126)	
Bromomethane									
4-Bromophenyl phenyl ether									

WATER QUALITY LIMITS FOR CONSTITUENTS AND PARAMETERS (in ug/l or ppb unless noted)

CONSTITUENT or PARAMETER	USEPA Integrated Risk Information System (IRIS) Reference Dose as a Drinking Water Level (60)	Drinking Water Health Advisories or Suggested No-Adverse-Response Levels (SNARLs) for toxicity other than cancer risk		One-in-a-Million Incremental Cancer Risk Estimates for Drinking Water				California Proposition 65 Safe Harbor Level (OEHHA) as a Drinking Water Level (14)	
		USEPA	National Academy of Sciences (NAS)	Cal/EPA Cancer Potency Factor as a Drinking Water Level (102)	USEPA Integrated Risk Information System (IRIS)	USEPA Drinking Water Health Advisory or SNARL	National Academy of Sciences (NAS)	No Significant Risk Level (one-in-100,000 cancer risk)	Maximum Allowable Dose Level for Reproductive Toxicity
Assure	63				(D)				295 (189)
Asulam	350								
Atrazine	25	140 (N,168)	150	0.15		(C)			
Auramine				0.04			0.4 (188)		
Avermectin B1	2.8								
Azaserine				0.0032			0.03 (188)		
Azathioprine				0.019			0.2 (188)	(189)	
Azinphos-methyl			87.5						
Azobenzene				0.32	0.3 (B2)		3 (188)		
Barium	1400	1400 (60,166)	4700		(D)	(N,166)			
Baygon	2.8	3				(C)	(188)		
Bayleton	210								
Baythroid	180								
Benefin	2100		700						
Benomyl	350								(189)
Bentazon	210	200			(E)	(E)			
Benzaldehyde	700								
Benz(a)anthracene				0.04 (93)	(B2)	(B2)	0.017 (188)		
Benzene	28	200 (10-day)		0.35	1 / 10 (A,30)	1 (H)	3.2 (188)	12 (189)	
Benzidine	21			0.00007	0.0002 (A)		0.0005 (188)		
Benzo(b)fluoranthene				0.04 (93)	(B2)	(B2)	0.048 (188)		
Benzo(j)fluoranthene				0.04 (93)			0.055 (188)		
Benzo(k)fluoranthene				0.04 (93)	(B2)	(B2)	(188)		
Benzofuran							0.55 (188)		
Benzoic acid	28,000				(D)				
Benzo(g,h,i)perylene					(D)	(D)			
Benzo(a)pyrene				0.0029	0.005 (B2)	0.005 (B2,166)	0.03 (188)		
Benzotrifluoride					0.003 (B2,147)		0.025 (68,188)		
Benzyl chloride				0.21	0.2 (B2)		2 (188)		
Benzyl violet 4B				1.8			15 (188)		
Beryllium	14	30,000 (10-day)			(B1,119)		(15,188)		
Beryllium oxide				0.005	(B2)		(15)		
Beryllium sulfate				0.000012			(15)		
alpha-BHC			500 (7-day,43)	0.013	0.006 (B2)		0.33	0.15 (188)	
beta-BHC			500 (7-day,43)	0.023	0.02 (C)		0.12	0.25 (188)	
gamma-BHC (Lindane)	0.2	3.5 (168)	500 (7-day,43)	0.032		(S)	0.054	0.3 (188)	
delta-BHC			500 (7-day,43)		(D)		(188)		
technical-BHC			500 (7-day)	0.0088	0.02 (B2)		0.1 (188)		
Biphenthrin	110								
1,1-Biphenyl	350				(D)				
Bis(2-chloroethoxy) methane					(D)				
Bis(2-chloroethyl) ether				0.014	0.03 (B2)		0.42	0.15 (188)	
Bis(2-chloroisopropyl) ether	280	300				(D)	(177,188)		
Bis(chloromethyl) ether				0.00076	0.00016 (A)		0.01 (188)		
Bisphenol A	350								
Boron	1400	1000 (166)			(I)	(I,166)			
Bromacil		70 (167)	87.5			(C)		(150,189)	
Bromate	28 (147)	200 (24-hr,68)			0.05 (B2,147)	0.05 (B2,68)	(188)		
Bromide			2300						
Bromine									
Bromoacetic acid									
Bromobenzene	42 (68)	4000 (10-day,68)				(I,68)			
Bromochloromethane		90			(D)	(D)			
Bromodichloromethane	140	21 (60)		0.27	0.6 (B2)	1 (L)	2.5 (188)		
Bromoform	140	210 (60)			4 (B2)	8 (L)	32 (188)		
Bromomethane	9.8	10 (68)			(D)	(D,68)		500 (68,189)	
4-Bromophenyl phenyl ether					(D)				

WATER QUALITY LIMITS FOR CONSTITUENTS AND PARAMETERS (in ug/l or ppb unless noted)

CONSTITUENT or PARAMETER	California Toxics Rule Criteria (USEPA) unless noted									
	Inland Surface Waters					Enclosed Bays & Estuaries				
	Human Health (30-day Average)		Freshwater Aquatic Life Protection			Human Health (30-day Average) aquatic organism consumption only		Saltwater Aquatic Life Protection		Instantaneous Maximum
	Drinking Water Sources (consumption of water and aquatic organisms)	Other Waters (aquatic organism consumption only)	Continuous Concentration (4-day Average)	Maximum Concentration (1-hour Average)	Instantaneous Maximum	Continuous Concentration (4-day Average)	Maximum Concentration (1-hour Average)			
Assure										
Asulam										
Atrazine										
Auramine										
Avermectin B1										
Azaserine										
Azathioprine										
Azinphos-methyl										
Azobenzene										
Barium										
Baygon										
Bayleton										
Baythroid										
Benefin										
Benomyl										
Bentazon										
Benzaldehyde										
Benz(a)anthracene	0.0044 (113,188)	0.049 (113,188)				0.049 (113,188)				
Benzene	1.2 (113,188)	71 (113,188)				71 (113,188)				
Benzidine	0.00012 (113,143)	0.00054 (113,143)				0.00054 (113,143)				
Benzo(b)fluoranthene	0.0044 (113,188)	0.049 (113,188)				0.049 (113,188)				
Benzo(j)fluoranthene										
Benzo(k)fluoranthene	0.0044 (113,188)	0.049 (113,188)				0.049 (113,188)				
Benzofuran										
Benzoic acid										
Benzo(g,h,i)perylene										
Benzo(a)pyrene	0.0044	0.049				0.049				
Benzotrichloride										
Benzyl chloride										
Benzyl violet 4B										
Beryllium										
Beryllium oxide										
Beryllium sulfate										
alpha-BHC	0.0039 (113,188)	0.013 (113,188)				0.013 (113,188)				
beta-BHC	0.014 (113,188)	0.046 (113,188)				0.046 (113,188)				
gamma-BHC (Lindane)	0.019 (113,188)	0.063 (113,188)		0.95		0.063 (113,188)			0.16	
delta-BHC										
technical-BHC										
Biphenthrin										
1,1-Biphenyl										
Bis(2-chloroethoxy) methane										
Bis(2-chloroethyl) ether	0.031 (113,143)	1.4 (113,143)				1.4 (113,143)				
Bis(2-chloroisopropyl) ether	1400	170,000 (143)				170,000 (143)				
Bis(chloromethyl) ether										
Bisphenol A										
Boron										
Bromacil										
Bromate										
Bromide										
Bromine										
Bromoacetic acid										
Bromobenzene										
Bromochloromethane										
Bromodichloromethane	0.56 (113,188)	46 (113,188)				46 (113,188)				
Bromoform	4.3 (113,188)	360 (113,188)				360 (113,188)				
Bromomethane	48	4000				4000				
4-Bromophenyl phenyl ether										

WATER QUALITY LIMITS FOR CONSTITUENTS AND PARAMETERS (in ug/l or ppb unless noted)

CONSTITUENT or PARAMETER	USEPA National Recommended Ambient Water Quality Criteria unless noted											
	for Human Health and Welfare Protection					for Freshwater Aquatic Life Protection						
	Non-Cancer Health Effects		One-in-a-Million Cancer Risk Estimate			Recommended Criteria				Toxicity Information (Lowest Observed Effect Level)		
	Sources of Drinking Water (water+organisms)	Other Waters (aquatic organism consumption only)	Sources of Drinking Water (water+organisms)	Other Waters (aquatic organism consumption only)	Taste & Odor or Welfare	Continuous Concentration (4-day Average)	24-hour Average	Maximum Concentration (1-hour Average)	Instantaneous Maximum	Acute	Chronic	Other
Assure												
Asulam												
Atrazine						(68,178)		1500 (68,178)	1 (8)			
Auramine												
Avermectin B1												
Azaserine												
Azathioprine												
Azinphos-methyl									0.01 (51)			
Azobenzene												
Barium	1000 (51)											
Baygon												
Bayleton												
Baythroid												
Benefin												
Benomyl								8.8 (152)				
Bentazon												
Benzaldehyde												
Benz(a)anthracene			0.0038 (113)	0.018 (113)								
Benzene			2.2 (188)	51 (188)						5300		
Benzidine			0.000086 (188)	0.0002 (188)						2500		
Benzo(b)fluoranthene			0.0038 (113)	0.018 (113)								
Benzo(j)fluoranthene												
Benzo(k)fluoranthene			0.0038 (113)	0.018 (113)								
Benzofuran												
Benzoic acid												
Benzo(g,h,i)perylene												
Benzo(a)pyrene			0.0038 (113)	0.018 (113)								
Benzo(trichloride)												
Benzyl chloride												
Benzyl violet 4B												
Beryllium										130	5.3	
Beryllium oxide												
Beryllium sulfate												
alpha-BHC			0.0026 (188)	0.0049 (188)								
beta-BHC			0.0091 (188)	0.017 (188)								
gamma-BHC (Lindane)	0.98	1.8				0.08 (114)		0.95				
delta-BHC												
technical-BHC			0.0123	0.0414						100		
Biphenthrin												
1,1-Biphenyl												
Bis(2-chloroethoxy) methane												
Bis(2-chloroethyl) ether			0.03 (188)	0.53 (188)						238,000 (46)	122 (58)	
Bis(2-chloroisopropyl) ether	1400	65,000								238,000 (46)	122 (58)	
Bis(chloromethyl) ether			0.0001 (188)	0.00029 (188)						238,000 (46)	122 (58)	
Bisphenol A												
Boron												
Bromacil												
Bromate												
Bromide												
Bromine												
Bromoacetic acid												
Bromobenzene												
Bromochloromethane										11,000 (20)		
Bromodichloromethane			0.55 (188)	17 (188)						11,000 (20)		
Bromoform			4.3 (188)	140 (188)						11,000 (20)		
Bromomethane	47	1500								11,000 (20)		
4-Bromophenyl phenyl ether										360 (58)	122 (58)	

WATER QUALITY LIMITS FOR CONSTITUENTS AND PARAMETERS (in ug/l or ppb unless noted)

CONSTITUENT or PARAMETER	California Ocean Plan Numerical Water Quality Objectives						USEPA National Recommended Ambient Water Quality Criteria for Saltwater Aquatic Life Protection						
	Human Health (30-day Average) aquatic organism consumption only	Marine Aquatic Life Protection					Recommended Criteria				Toxicity Information (Lowest Observed Effect Level)		
		6-month Median	30-day Average	7-day Average	Daily Maximum	Instantaneous Maximum	Continuous Concentration (4-day Average)	24-hour Average	Maximum Concentration (1-hour Average)	Instantaneous Maximum	Acute	Chronic	Other
Assure													
Asulam													
Atrazine						17 (68,179)		760 (68)					
Auramine													
Avermectin B1													
Azaserine													
Azathioprine													
Azinphos-methyl									0.01 (51)				
Azobenzene													
Barium													
Baygon													
Bayleton													
Baythroid													
Benefin													
Benomyl													
Bentazon													
Benzaldehyde													
Benz(a)anthracene	0.0088 (33,188)									300 (52)			
Benzene	5.9 (188)									5100		700 (83)	
Benzidine	0.000069 (188)												
Benzo(b)fluoranthene	0.0088 (33,188)									300 (52)			
Benzo(j)fluoranthene										300 (52)			
Benzo(k)fluoranthene	0.0088 (33,188)									300 (52)			
Benzo(furan)													
Benzoic acid													
Benzo(g,h,i)perylene	0.0088 (33,188)									300 (52)			
Benzo(a)pyrene	0.0088 (33,188)									300 (52)			
Benzotrichloride													
Benzyl chloride													
Benzyl violet 4B													
Beryllium	0.033 (188)												
Beryllium oxide													
Beryllium sulfate													
alpha-BHC		0.004 (43)			0.008 (43)	0.012 (43)							
beta-BHC		0.004 (43)			0.008 (43)	0.012 (43)							
gamma-BHC (Lindane)		0.004 (43)			0.008 (43)	0.012 (43)			0.16 (154)				
delta-BHC		0.004 (43)			0.008 (43)	0.012 (43)							
technical-BHC		0.004 (43)			0.008 (43)	0.012 (43)				0.34			
Biphenthrin													
1,1-Biphenyl													
Bis(2-chloroethoxy) methane	4.4												
Bis(2-chloroethyl) ether	0.045 (188)												
Bis(2-chloroisopropyl) ether	1200												
Bis(chloromethyl) ether													
Bisphenol A													
Boron													
Bromacil													
Bromate													
Bromide													
Bromine													
Bromoacetic acid													
Bromobenzene													
Bromochloromethane										12,000 (20)	6400 (20)	11,500 (20,82)	
Bromodichloromethane	6.2 (188)									12,000 (20)	6400 (20)	11,500 (20,82)	
Bromoform	130 (13,188)									12,000 (20)	6400 (20)	11,500 (20,82)	
Bromomethane	130 (13,188)									12,000 (20)	6400 (20)	11,500 (20,82)	
4-Bromophenyl phenyl ether													

WATER QUALITY LIMITS FOR CONSTITUENTS AND PARAMETERS (in ug/l or ppb unless noted)

CONSTITUENT or PARAMETER	Chemical Abstracts Service Registry Number	Synonyms and Abbreviations	
Assure	76578-14-8	Quinofop-ethyl	2-(4-((6-Chloro-2-quinoxalinyloxy)phenoxy)propanoic acid ethyl ester
Asulam	3337-71-1	Methyl ((4-aminophenyl)sulfonyl)carbamate	Quizalofop-ethyl
Atrazine	1912-24-9	Aatrex	Atralex
Auramine	492-80-8	4,4-Dimethylaminobenzo-phenonimide	Crisazina
Avermectin B1	65195-55-3	Abamectin	
Azaserine	115-02-6		
Azathioprine	446-86-6		
Azinphos-methyl	86-50-0	Guthion	
Azobenzene	103-33-3	Diphenyldiimide	
Barium	7440-39-3	Ba	
Baygon	114-26-1	Propoxur	
Bayleton	43121-43-3		
Baythroid	68359-37-5	Cyfluthrin	
Benefin	1861-40-1	Balan	Benfluralin
Benomyl	17804-35-2	Benlate	Arilate
Bentazon	25057-89-0	Basagran	
Benzaldehyde	100-52-7		
Benz(a)anthracene	56-55-3	1,2-Benzanthracene	Benzo(a)anthracene
Benzene	71-43-2		a polynuclear aromatic hydrocarbon
Benzidine	92-87-5	p-Diaminodiphenyl	
Benzo(b)fluoranthene	205-99-2	3,4-Benzofluoranthene	a polynuclear aromatic hydrocarbon
Benzo(j)fluoranthene	205-82-3	10,11-Benzofluoranthene	a polynuclear aromatic hydrocarbon
Benzo(k)fluoranthene	207-08-9	8,9-Benzofluoranthene	a polynuclear aromatic hydrocarbon
Benzofuran	271-89-6		
Benzoic acid	65-85-0	Carboxybenzene	
Benzo(g,h,i)perylene	191-24-2	1,12-Benzoperylene	a polynuclear aromatic hydrocarbon
Benzo(a)pyrene	50-32-8	BaP	3,4-Benzopyrene
Benzotrifluoride	98-07-7	(Trichloromethyl)benzene	alpha, alpha, alpha-Trichlorotoluene
Benzyl chloride	100-44-7	alpha-Chlorotoluene	Chlorophenylmethane
Benzyl violet 4B	1694-09-3		Tolyl chloride
Beryllium	7440-41-7	Be	
Beryllium oxide	1304-56-9		
Beryllium sulfate	13510-49-1		
alpha-BHC	319-84-6	alpha-Benzene hexachloride	alpha-Hexachlorocyclohexane
beta-BHC	319-85-7	beta-Benzene hexachloride	alpha-HCH
gamma-BHC (Lindane)	58-89-9	Lindane	beta-HCH
delta-BHC	319-86-8	delta-Benzene hexachloride	gamma-Hexachlorocyclohexane
technical-BHC	608-73-1	technical-Benzene hexachloride	delta-HCH
Biphenthrin	82657-04-3	Brigade	technical-Hexachlorocyclohexane
1,1-Biphenyl	92-52-4	Diphenyl	Talstar
Bis(2-chloroethoxy) methane	111-91-1	Dichloroethyl formal	Phenylbenzene
Bis(2-chloroethyl) ether	111-44-4	BCEE	Dichlorodiethyl formal
Bis(2-chloroisopropyl) ether	108-60-1	Bis(2-chloro-1-methylethyl) ether	2,2'-Dichlorodiethyl ether
Bis(chloromethyl) ether	542-88-1	BCME	symmetrical-Dichloroethyl ether
Bisphenol A	80-05-7	Bis(4-hydroxyphenyl)propane	2,2'-Oxybis(1-chloropropane)
Boron	7440-42-8	B	BCIE
Bromacil	314-40-9	Hyvar X or XL	Chloromethyl ether
Bromate	15541-45-4		
Bromide	24959-67-9	Br-	
Bromine	7726-95-6		
Bromoacetic acid	79-08-3	A Haloacetic acid	
Bromobenzene	108-86-1	Phenyl bromide	
Bromochloromethane	74-97-5	Chlorobromomethane	
Bromodichloromethane	75-27-4	Dichlorobromomethane	BDCM
Bromoform	75-25-2	Tribromomethane	a trihalomethane (THM)
Bromomethane	74-83-9	Methyl bromide	a trihalomethane (THM)
4-Bromophenyl phenyl ether	101-55-3	p-Bromodiphenyl ether	

WATER QUALITY LIMITS FOR CONSTITUENTS AND PARAMETERS (in ug/l or ppb unless noted)

CONSTITUENT or PARAMETER	Drinking Water Standards (California & Federal) Maximum Contaminant Levels (MCLs)					California Public Health Goal (PHG) in Drinking Water (Office of Environmental Health Hazard Assessment; OEHA)	California State Notification Level (formerly Action Level) and Response Level for Drinking Water (CDPH) (191)	Agricultural Water Quality Limits (78)	Taste & Odor Threshold (see also Secondary MCL and National Recommended Water Quality Criteria)
	California Department of Public Health (CDPH)		U.S. Environmental Protection Agency (USEPA)						
	Primary MCL	Secondary MCL	Primary MCL	Secondary MCL	MCL Goal				
Bromoxynil									
Bromoxynil octanoate									
Butachlor									
1,3-Butadiene								1.4 (126)	
Butane								170 (126)	
n-Butanol								7100 (126)	
n-Butyl acetate								170 (126)	
n-Butyl acrylate								7.8 (126)	
sec-Butyl alcohol								19,000 (126)	
tert-Butyl alcohol							12 / 1200 (188,191)	290,000 (126)	
n-Butylamine								6200 (126)	
Butylate									
Butylated hydroxyanisole									
n-Butylbenzene							260 / 2600 (191)		
sec-Butylbenzene							260 / 2600 (191)		
tert-Butylbenzene							260 / 2600 (191)		
n-Butyl benzyl phthalate									
n-Butyl lactate								520,000 (126)	
n-Butyl mercaptan								0.012 (126)	
Butylphthalyl butylglycolate									
p-tert-Butyltoluene								32 (126)	
beta-Butyrolactone									
Cadmium	5		5		5	0.04		10	
Calcium cyanide									
Camphor								1000 (126)	
Caprolactam									
Captafol									
Captan									
Carbaryl									
Carbazole									
Carbofuran	18		40		40	1.7 (189)			
Carbon disulfide									
Carbon tetrachloride	0.5		5		0 (185)	0.1 (188)	160 / 1600 (191)	0.39 (126)	
Carbosulfan								520 (125,126)	
Carboxin									
N-Carboxymethyl-N-nitrosourea									
Catechol									
Chloral hydrate					40				
Chloramben									
Chlorambucil									
Chloramine	4000 (175)		4000 (66)		4000 (66)				
Chlorate							0.8 / 8 (191)		
Chlordane	0.1		2		0 (185)	0.03 (147,188)			
Chlordimeform									
Chlorendic acid									
Chloride		250,000 (73)		250,000				106,000	
Chlorimuron-ethyl									
Chlorinated paraffins									
Chlorinated benzenes									
Chlorinated naphthalenes									
Chlorinated phenols									
Chlorine	4000 (175)		4000 (66)		4000 (66)			2 (126)	
Chlorine dioxide	800 (176)		800 (67)		800 (67)			670 (126)	
Chlorite	1000		1000		800	50 (68)			
Chloroacetic acid	60 (106)		60 (106)		30				
Chloroalkyl ethers									
p-Chloroaniline									

WATER QUALITY LIMITS FOR CONSTITUENTS AND PARAMETERS (in ug/l or ppb unless noted)

CONSTITUENT or PARAMETER	USEPA Integrated Risk Information System (IRIS) Reference Dose as a Drinking Water Level (60)	Drinking Water Health Advisories or Suggested No-Adverse-Response Levels (SNARLs) for toxicity other than cancer risk		One-in-a-Million Incremental Cancer Risk Estimates for Drinking Water				California Proposition 65 Safe Harbor Level (OEHA) as a Drinking Water Level (14)	
		USEPA	National Academy of Sciences (NAS)	Cal/EPA Cancer Potency Factor as a Drinking Water Level (102)	USEPA Integrated Risk Information System (IRIS)	USEPA Drinking Water Health Advisory or SNARL	National Academy of Sciences (NAS)	No Significant Risk Level (one-in-100,000 cancer risk)	Maximum Allowable Dose Level for Reproductive Toxicity
Bromoxynil	140								(189)
Bromoxynil octanoate	140								(189)
Butachlor			70						
1,3-Butadiene				0.01	(A,183)			0.2 (188)	(189)
Butane									
n-Butanol	700				(D)				
n-Butyl acetate									
n-Butyl acrylate									
sec-Butyl alcohol									
tert-Butyl alcohol									
n-Butylamine									
Butylate	350	400				(D)			
Butylated hydroxyanisole				180				2000 (188)	
n-Butylbenzene									
sec-Butylbenzene									
tert-Butylbenzene									
n-Butyl benzyl phthalate	140				(C)	(C)			(189)
n-Butyl lactate									
n-Butyl mercaptan									
Butylphthalyl butylglycolate	7000 (147)								
p-tert-Butyltoluene									
beta-Butyrolactone				0.035				0.35 (188)	
Cadmium	3.5	5	5		(B1,119)	(D)		(15,188)	2.05 (189)
Calcium cyanide	280								
Camphor									
Caprolactam	3500								
Captan	1.4			0.23		(C)		2.5 (188)	
Captan	910		350	15				150 (188)	
Carbaryl	700	70 (168)	574			40 (L,167)			
Carbazole								2.05 (188)	
Carbofuran	35	0.4 (168)				(N)			
Carbon disulfide	700								300 (68,189)
Carbon tetrachloride	4.9 / 28 (68)	200 (10-day)	200 (7-day)	0.23	0.3 / 0.5 (B2,68)	0.3 (B2)	4.5	2.5 (188)	
Carbosulfan	70								
Carboxin	700	700				(D)			
N-Carboxymethyl-N-nitrosourea								0.35 (188)	
Catechol			2200 (24-hr)					(188)	
Chloral hydrate	70	60				(C)			
Chloramben	110	100	1750			(D)			
Chlorambucil				15				0.001 (188)	(189)
Chloramine	700 (147)	3000 (68,169)	166 / 581 (7)		(D)				
Chlorate		(D)	7 / 24 (7)						
Chlordane	3.5	60 (10-day)		0.027	0.1 (B2)	0.1 (B2,166)	0.028	0.25 (188)	
Chlordimeform								0.25 (68,188)	
Chlorendic acid				0.38				4 (188)	
Chloride									
Chlorimuron-ethyl	140								
Chlorinated paraffins				0.39 (63)				4 (63,188)	
Chlorinated benzenes									
Chlorinated naphthalenes									
Chlorinated phenols									
Chlorine	700	4000 (68)				(D,68)			
Chlorine dioxide	210	800 (68)	60 / 210 (7)		(D)	(D,68)			
Chlorite	210	800 (68)	7 / 24 (7)		(D)	(D,68)			
Chloroacetic acid		70				(I)			
Chloroalkyl ethers									
p-Chloroaniline	28							(188)	

WATER QUALITY LIMITS FOR CONSTITUENTS AND PARAMETERS (in ug/l or ppb unless noted)

CONSTITUENT or PARAMETER	California Toxics Rule Criteria (USEPA) unless noted									
	Inland Surface Waters					Enclosed Bays & Estuaries				
	Human Health (30-day Average)		Freshwater Aquatic Life Protection			Human Health (30-day Average) aquatic organism consumption only		Saltwater Aquatic Life Protection		Instantaneous Maximum
	Drinking Water Sources (consumption of water and aquatic organisms)	Other Waters (aquatic organism consumption only)	Continuous Concentration (4-day Average)	Maximum Concentration (1-hour Average)	Instantaneous Maximum	Continuous Concentration (4-day Average)	Maximum Concentration (1-hour Average)			
Bromoxynil										
Bromoxynil octanoate										
Butachlor										
1,3-Butadiene										
Butane										
n-Butanol										
n-Butyl acetate										
n-Butyl acrylate										
sec-Butyl alcohol										
tert-Butyl alcohol										
n-Butylamine										
Butylate										
Butylated hydroxyanisole										
n-Butylbenzene										
sec-Butylbenzene										
tert-Butylbenzene										
n-Butyl benzyl phthalate	3000	5200				5200				
n-Butyl lactate										
n-Butyl mercaptan										
Butylphthalyl butylglycolate										
p-tert-Butyltoluene										
beta-Butyrolactone										
Cadmium			see page 19 (1,142)	see page 19 (1,142)			9.3 (1,142)	42 (1,142)		
Calcium cyanide										
Camphor										
Caprolactam										
Captafol										
Captan										
Carbaryl										
Carbazole										
Carbofuran										
Carbon disulfide										
Carbon tetrachloride	0.25 (113,143)	4.4 (113,143)				4.4 (113,143)				
Carbosulfan										
Carboxin										
N-Carboxymethyl-N-nitrosourea										
Catechol										
Chloral hydrate										
Chloramben										
Chlorambucil										
Chloramine										
Chlorate										
Chlordane	0.00057 (113,188)	0.00059 (113,188)	0.0043 (114)		2.4	0.00059 (113,188)	0.004 (114)		0.09	
Chlordimeform										
Chlorendic acid										
Chloride										
Chlorimuron-ethyl										
Chlorinated paraffins										
Chlorinated benzenes										
Chlorinated naphthalenes										
Chlorinated phenols										
Chlorine										
Chlorine dioxide										
Chlorite										
Chloroacetic acid										
Chloroalkyl ethers										
p-Chloroaniline										

WATER QUALITY LIMITS FOR CONSTITUENTS AND PARAMETERS (in ug/l or ppb unless noted)

CONSTITUENT or PARAMETER	USEPA National Recommended Ambient Water Quality Criteria unless noted											
	for Human Health and Welfare Protection					for Freshwater Aquatic Life Protection						
	Non-Cancer Health Effects		One-in-a-Million Cancer Risk Estimate			Recommended Criteria				Toxicity Information (Lowest Observed Effect Level)		
	Sources of Drinking Water (water+organisms)	Other Waters (aquatic organism consumption only)	Sources of Drinking Water (water+organisms)	Other Waters (aquatic organism consumption only)	Taste & Odor or Welfare	Continuous Concentration (4-day Average)	24-hour Average	Maximum Concentration (1-hour Average)	Instantaneous Maximum	Acute	Chronic	Other
Bromoxynil												
Bromoxynil octanoate												
Butachlor												
1,3-Butadiene												
Butane												
n-Butanol												
n-Butyl acetate												
n-Butyl acrylate												
sec-Butyl alcohol												
tert-Butyl alcohol												
n-Butylamine												
Butylate												
Butylated hydroxyanisole												
n-Butylbenzene												
sec-Butylbenzene												
tert-Butylbenzene												
n-Butyl benzyl phthalate	1500	1900								940 (45)	3 (45)	
n-Butyl lactate												
n-Butyl mercaptan												
Butylphthalyl butylglycolate	16,800 (68)	32,400 (68)								940 (45)	3 (45)	
p-tert-Butyltoluene												
beta-Butyrolactone												
Cadmium						see page 20 (1)	see page 20 (1)					
Calcium cyanide												
Camphor												
Caprolactam												
Captafol												
Captan												
Carbaryl						2.53 (151)		2.53 (151)	0.02 (54)			
Carbazole												
Carbofuran									0.5 (152)			
Carbon disulfide												
Carbon tetrachloride			0.23 (188)	1.6 (188)						35200		
Carbosulfan												
Carboxin												
N-Carboxymethyl-N-nitrosourea												
Catechol												
Chloral hydrate												
Chloramben												
Chlorambucil												
Chloramine												
Chlorate												
Chlordane			0.0008 (188)	0.00081 (188)		0.0043 (114)			2.4 (154)			
Chlordimeform												
Chlorendic acid												
Chloride						230,000 (4)		860,000 (4)				
Chlorimuron-ethyl												
Chlorinated paraffins												
Chlorinated benzenes										250		50 (23)
Chlorinated naphthalenes										1600		
Chlorinated phenols												
Chlorine						11 (98)		19 (98)				
Chlorine dioxide												
Chlorite												
Chloroacetic acid												
Chloroalkyl ethers										238,000	122 (58)	
p-Chloroaniline												

WATER QUALITY LIMITS FOR CONSTITUENTS AND PARAMETERS (in ug/l or ppb unless noted)

CONSTITUENT or PARAMETER	California Ocean Plan Numerical Water Quality Objectives						USEPA National Recommended Ambient Water Quality Criteria for Saltwater Aquatic Life Protection						
	Human Health (30-day Average) aquatic organism consumption only	Marine Aquatic Life Protection					Recommended Criteria				Toxicity Information (Lowest Observed Effect Level)		
		6-month Median	30-day Average	7-day Average	Daily Maximum	Instantaneous Maximum	Continuous Concentration (4-day Average)	24-hour Average	Maximum Concentration (1-hour Average)	Instantaneous Maximum	Acute	Chronic	Other
Bromoxynil													
Bromoxynil octanoate													
Butachlor													
1,3-Butadiene													
Butane													
n-Butanol													
n-Butyl acetate													
n-Butyl acrylate													
sec-Butyl alcohol													
tert-Butyl alcohol													
n-Butylamine													
Butylate													
Butylated hydroxyanisole													
n-Butylbenzene													
sec-Butylbenzene													
tert-Butylbenzene													
n-Butyl benzyl phthalate										2944 (45)		3.4 (38,45)	
n-Butyl lactate													
n-Butyl mercaptan													
Butylphthalyl butylglycolate										2944 (45)		3.4 (38,45)	
p-tert-Butyltoluene													
beta-Butyrolactone													
Cadmium		1				4	10	8.8 (1)	40 (1)				
Calcium cyanide													
Camphor													
Caprolactam													
Captafol													
Captan													
Carbaryl								0.81 (151)		0.81 (151)			
Carbazole													
Carbofuran													
Carbon disulfide													
Carbon tetrachloride	0.9 (188)										50,000	6400 (20) 11500 (20,82)	
Carbosulfan													
Carboxin													
N-Carboxymethyl-N-nitrosourea													
Catechol		30 (86)				120 (86)	300 (86)						
Chloral hydrate													
Chloramben													
Chlorambucil													
Chloramine													
Chlorate													
Chlordane	0.000023 (81,188)							0.004 (114)		0.09 (154)			
Chlordimeform													
Chlorendic acid													
Chloride													
Chlorimuron-ethyl													
Chlorinated paraffins													
Chlorinated benzenes											160	129	
Chlorinated naphthalenes											7.5		
Chlorinated phenols		1				4	10						
Chlorine		2 (90)				8 (90)	60 (90)	7.5 (99)		13 (99)			
Chlorine dioxide													
Chlorite													
Chloroacetic acid													
Chloroalkyl ethers													
p-Chloroaniline													

WATER QUALITY LIMITS FOR CONSTITUENTS AND PARAMETERS (in ug/l or ppb unless noted)

CONSTITUENT or PARAMETER	Chemical Abstracts Service Registry Number	Synonyms and Abbreviations	
Bromoxynil	1689-84-5	2,6-Dibromo-4-cyanophenol	3,5-Dibromo-4-hydroxybenzotrile
Bromoxynil octanoate	1689-99-2		
Butachlor	23184-66-9	Butanex	Lambast
1,3-Butadiene	106-99-0	Vinylethylene	Bivinyll
Butane	106-97-8		
n-Butanol	71-36-3	n-Butyl alcohol	
n-Butyl acetate	123-86-4		
n-Butyl acrylate	141-32-2		
sec-Butyl alcohol	78-92-2	sec-Butanol	2-Butanol
tert-Butyl alcohol	75-65-0	t-Butyl alcohol	t-Butanol
n-Butylamine	109-73-9	1-Aminobutane	TBA
Butylate	2008-41-5	Sutan	
Butylated hydroxyanisole	25013-16-5	BHA	Antioxyne B
n-Butylbenzene	104-51-8	1-Phenylbutane	
sec-Butylbenzene	135-98-8	2-Phenylbutane	
tert-Butylbenzene	98-06-6	2-Methyl-2-phenylpropane	
n-Butyl benzyl phthalate	85-68-7	Benzyl butyl phthalate	a phthalic acid ester (PAE)
n-Butyl lactate	138-22-7		
n-Butyl mercaptan	109-79-5	1-Butanethiol	
Butylphthalyl butylglycolate	85-70-1	BPBG	Butyl glycolyl butyl phthalate
p-tert-Butyltoluene	98-51-1	1-Methyl-4-tert-butylbenzene	a phthalic acid ester (PAE)
beta-Butyrolactone	96-48-0	3-Hydroxybutyric acid	
Cadmium	7440-43-9	Cd	
Calcium cyanide	592-01-8		
Camphor	464-49-3	2-Camphanone	
Caprolactam	105-60-2	1,6-Hexolactam	
Captafol	2425-06-1	Difolatan	Sulfonimide
Captan	133-06-2	Orthocide	N-Trichloromethylmercapto-tetrahydrophthalimide
Carbaryl	63-25-2	Sevin	
Carbazole	86-74-8	9-Azafluorene	Diphenyleneimine
Carbofuran	1563-66-2	Furadan	Dibenzopyrrole
Carbon disulfide	75-15-0	Carbon bisulfide	CS ₂
Carbon tetrachloride	56-23-5	Tetrachloromethane	Freon 10
Carbosulfan	55285-14-8	Advantage	
Carboxin	5234-68-4	Carboxine	Carbathin
N-Carboxymethyl-N-nitrosourea	60391-92-6	Nitrosohydantoic acid	Vitavax
Catechol	120-80-9		
Chloral hydrate	302-17-0	Trichloroacetaldehyde, hydrated	Trichloroethylidene glycol
Chloramben	133-90-4	Amiben	1,1,1-Trichloro-2,2-ethanediol
Chlorambucil	305-03-3		
Chloramine	127-65-1	NH ₂ Cl	Monochloramine
Chlorate	14866-68-3	ClO ₃ ⁻	
Chlordane	57-74-9	Chlordan	
Chlordimeform	6164-98-3		
Chlorendic acid	115-28-6		
Chloride	16887-00-6	Cl ⁻	
Chlorimuron-ethyl	90982-32-4		
Chlorinated paraffins		Paraffins, chlorinated	Chlorinated waxes
Chlorinated benzenes		Benzenes, chlorinated	Waxes, chlorinated
Chlorinated naphthalenes	25586-43-0	Naphthalenes, chlorinated	
Chlorinated phenols		Phenols, chlorinated	
Chlorine	7782-50-5	Cl ₂	
Chlorine dioxide	10049-04-4	ClO ₂	
Chlorite	7758-19-2	ClO ₂ ⁻	
Chloroacetic acid	79-11-8	Monochloroacetic acid	A Haloacetic acid
Chloroalkyl ethers		Ethers, chloroalkyl-	
p-Chloroaniline	106-47-8	1-Amino-4-chlorobenzene	4-Chloroaniline

WATER QUALITY LIMITS FOR CONSTITUENTS AND PARAMETERS (in ug/l or ppb unless noted)

CONSTITUENT or PARAMETER	Drinking Water Standards (California & Federal) Maximum Contaminant Levels (MCLs)					California Public Health Goal (PHG) in Drinking Water (Office of Environmental Health Hazard Assessment; OEHHA)	California State Notification Level (formerly Action Level) and Response Level for Drinking Water (CDPH) (191)	Agricultural Water Quality Limits (78)	Taste & Odor Threshold (see also Secondary MCL and National Recommended Water Quality Criteria)
	California Department of Public Health (CDPH)		U.S. Environmental Protection Agency (USEPA)						
	Primary MCL	Secondary MCL	Primary MCL	Secondary MCL	MCL Goal				
Chlorobenzene	70		100		100	200		50 (126)	
4-Chloro-m-cresol									
4-Chloro-o-cresol									
6-Chloro-m-cresol									
Chloroethane								16 (126)	
Chloroform	80 (19)		80 (19)		70			2400 (126)	
Chloromethane									
Chloromethyl methyl ether									
3-Chloro-2-methylpropene									
2-Chloronaphthalene									
2-Chlorophenol									
3-Chlorophenol									
4-Chlorophenol									
4-Chloro-o-phenylenediamine									
Chloropicrin							50 / 500 (191)	37 (126)	
beta-Chloroprene								24 (126)	
3-Chloropropene								8.9 (126)	
Chloroethalonil									
2-Chlorotoluene							140 / 1400 (191)	6.9 (126)	
4-Chlorotoluene							140 / 1400 (191)		
p-Chloro-o-toluidine									
Chlorozotocin									
Chlorpropham							1200 / 12,000 (191)		
Chlorpyrifos									
Chlorsulfuron									
Chromium (III)									
Chromium (VI)								100	
Chromium (total)	50		100		100	(134)			
Chrysene									
C.I. Basic Red 9 monohydrochloride									
C.I. Direct Blue 218									
Cinnamyl anthranilate									
Cobalt								50	
Color		15 units		15 units					
Copper	1300 (111)	1000	1300 (111)	1000	1300	300		200	
Copper cyanide									
Corrosivity				(184)					
p-Cresidine									
m-Cresol								37 (126)	
o-Cresol									
p-Cresol									
trans-Crotonaldehyde								420 (126)	
Cumene							770 / 7700 (191)	0.8 (126)	
Cupferron									
Cyanazine									
Cyanide	150		200 (137)		200 (137)	150		170 (126)	
Cyanogen									
Cyanogen bromide									
Cyanogen chloride									
Cyclohexane								11 (126)	
Cyclohexanol								2800 (126)	
Cyclohexanone								8300 (126)	
Cyclohexene								0.39 (126)	
Cyclohexylamine								25,000 (126)	
Cyclopentadiene								6 (126)	

WATER QUALITY LIMITS FOR CONSTITUENTS AND PARAMETERS (in ug/l or ppb unless noted)

CONSTITUENT or PARAMETER	USEPA Integrated Risk Information System (IRIS) Reference Dose as a Drinking Water Level (60)	Drinking Water Health Advisories or Suggested No-Adverse-Response Levels (SNARLs) for toxicity other than cancer risk		One-in-a-Million Incremental Cancer Risk Estimates for Drinking Water				California Proposition 65 Safe Harbor Level (OEHHA) as a Drinking Water Level (14)	
		USEPA	National Academy of Sciences (NAS)	Cal/EPA Cancer Potency Factor as a Drinking Water Level (102)	USEPA Integrated Risk Information System (IRIS)	USEPA Drinking Water Health Advisory or SNARL	National Academy of Sciences (NAS)	No Significant Risk Level (one-in-100,000 cancer risk)	Maximum Allowable Dose Level for Reproductive Toxicity
Chlorobenzene	140	100 (166)			(D)	(D)	2.3 (21)		
4-Chloro-m-cresol									
4-Chloro-o-cresol									
6-Chloro-m-cresol									
Chloroethane						(B)		75 (188)	
Chloroform	70 (108)	70 (108,166)		1.1	(B2,108)	(L/N,166)	0.26 / 5.6 (44)	10 (188)	
Chloromethane		3			(D)	(D,166)			
Chloromethyl methyl ether				0.015 (177)	(A,198)			0.15 (177,188)	
3-Chloro-2-methylpropene				0.25				2.5 (188)	
2-Chloronaphthalene	560 (147)								
2-Chlorophenol	35	40 (68)				(D,68)			
3-Chlorophenol									
4-Chlorophenol									
4-Chloro-o-phenylenediamine				2.2				20 (188)	
Chloropicrin			12 / 40 (7)						
beta-Chloroprene					(B1,68)			(188)	
3-Chloropropene				1.7	(C)				
Chlorothalonil	110	200 (10-day)		11		1.5 (B2)		100 (188)	
2-Chlorotoluene	140	100				(D)			
4-Chlorotoluene		100				(D)			
p-Chloro-o-toluidine				0.13				1.5 / 1.65 (174,188)	
Chlorozotocin				0.00015				0.0015 (188)	
Chlorpropham	1200								
Chlorpyrifos	21	2 (167)				(D)			
Chlorsulfuron	350								(189)
Chromium (III)	10500				(D)				
Chromium (VI)	21 (201)	21 (166,201)		(134)	(D,155)			(15,188)	
Chromium (total)		1000 (10-day)				(D)			
Chrysene				0.4 (93)	(B2)	(B2)		0.18 (188)	
C.I. Basic Red 9 monohydrochloride				0.00015				1.5 (188)	
C.I. Direct Blue 218								25 (68,188)	
Cinnamyl anthranilate				7.6				100 (188)	
Cobalt									
Color									
Copper					(D)	(D,68)			
Copper cyanide	35 (147)								
Corrosivity									
p-Cresidine				0.23				2.5 (188)	
m-Cresol	35				(C)				
o-Cresol	35				(C)				
p-Cresol					(C)				
trans-Crotonaldehyde					(C)				
Cumene	700	11,000 (10-day,68)			(D)	(D,68)		1.5 (188)	
Cupferron				0.16					
Cyanazine		1 (68)				(C,68)			(189)
Cyanide	140	200			(D)	(D)			
Cyanogen	280								
Cyanogen bromide	630 (147)								
Cyanogen chloride	350 (147)	50 (10-day)				(D)			
Cyclohexane					(D)				
Cyclohexanol									
Cyclohexanone	35,000								
Cyclohexene									
Cyclohexylamine	1400								
Cyclopentadiene									

WATER QUALITY LIMITS FOR CONSTITUENTS AND PARAMETERS (in ug/l or ppb unless noted)

CONSTITUENT or PARAMETER	California Toxics Rule Criteria (USEPA) unless noted								
	Inland Surface Waters					Enclosed Bays & Estuaries			
	Human Health (30-day Average)		Freshwater Aquatic Life Protection			Human Health (30-day Average) aquatic organism consumption only		Saltwater Aquatic Life Protection	
	Drinking Water Sources (consumption of water and aquatic organisms)	Other Waters (aquatic organism consumption only)	Continuous Concentration (4-day Average)	Maximum Concentration (1-hour Average)	Instantaneous Maximum	Continuous Concentration (4-day Average)	Maximum Concentration (1-hour Average)	Instantaneous Maximum	
Chlorobenzene	680 (143)	21,000 (143)				21,000 (143)			
4-Chloro-m-cresol									
4-Chloro-o-cresol									
6-Chloro-m-cresol									
Chloroethane									
Chloroform									
Chloromethane									
Chloromethyl methyl ether									
3-Chloro-2-methylpropene									
2-Chloronaphthalene	1700	4300				4300			
2-Chlorophenol	120	400				400			
3-Chlorophenol									
4-Chlorophenol									
4-Chloro-o-phenylenediamine									
Chloropicrin									
beta-Chloroprene									
3-Chloropropene									
Chlorothalonil									
2-Chlorotoluene									
4-Chlorotoluene									
p-Chloro-o-toluidine									
Chlorozotocin									
Chlorpropham									
Chlorpyrifos									
Chlorsulfuron									
Chromium (III)			see page 21 (1,143)	see page 21 (1,143)					
Chromium (VI)			11 (1,142)	16 (1,142)		50 (1,142)	1100 (1,142)		
Chromium (total)									
Chrysene	0.0044 (113,188)	0.049 (113,188)				0.049 (113,188)			
C.I. Basic Red 9 monohydrochloride									
C.I. Direct Blue 218									
Cinnamyl anthranilate									
Cobalt									
Color									
Copper	1300 (2,142)		see page 23 (1,142)	see page 23 (1,142)		3.1 (1,142)	4.8 (1,142)		
Copper cyanide									
Corrosivity									
p-Cresidine									
m-Cresol									
o-Cresol									
p-Cresol									
trans-Crotonaldehyde									
Cumene									
Cupferron									
Cyanazine									
Cyanide	700 (142)	220,000 (142)	5.2 (142,143)	22 (142,143)		220,000 (142)	1 (142,143)	1 (142,143)	
Cyanogen									
Cyanogen bromide									
Cyanogen chloride									
Cyclohexane									
Cyclohexanol									
Cyclohexanone									
Cyclohexene									
Cyclohexylamine									
Cyclopentadiene									

WATER QUALITY LIMITS FOR CONSTITUENTS AND PARAMETERS (in ug/l or ppb unless noted)

CONSTITUENT or PARAMETER	USEPA National Recommended Ambient Water Quality Criteria unless noted											
	for Human Health and Welfare Protection					for Freshwater Aquatic Life Protection						
	Non-Cancer Health Effects		One-in-a-Million Cancer Risk Estimate			Recommended Criteria				Toxicity Information (Lowest Observed Effect Level)		
	Sources of Drinking Water (water+organisms)	Other Waters (aquatic organism consumption only)	Sources of Drinking Water (water+organisms)	Other Waters (aquatic organism consumption only)	Taste & Odor or Welfare	Continuous Concentration (4-day Average)	24-hour Average	Maximum Concentration (1-hour Average)	Instantaneous Maximum	Acute	Chronic	Other
Chlorobenzene	130	1600			20					250 (22)		50 (22,23)
4-Chloro-m-cresol					3000					30		
4-Chloro-o-cresol					1800							
6-Chloro-m-cresol					20							
Chloroethane												
Chloroform	68 (68,108)	2400 (68,108)	5.7 (188)	470 (188)						28900	1240	
Chloromethane										11,000 (20)		
Chloromethyl methyl ether										238,000 (46)	122 (58)	
3-Chloro-2-methylpropene												
2-Chloronaphthalene	1000	1600								1600 (48)		
2-Chlorophenol	81	150			0.1					4380		2000 (34)
3-Chlorophenol					0.1							
4-Chlorophenol					0.1							
4-Chloro-o-phenylenediamine												
Chloropicrin												
beta-Chloroprene												
3-Chloropropene												
Chloroethalonil												
2-Chlorotoluene												
4-Chlorotoluene												
p-Chloro-o-toluidine												
Chlorozotocin												
Chlorpropham												
Chlorpyrifos						0.014 / 0.041 (151)		0.02 / 0.083 (151)				
Chlorsulfuron												
Chromium (III)						see page 22 (1)		see page 22 (1)				
Chromium (VI)						11 (1)		16 (1)				
Chromium (total)												
Chrysene			0.0038 (113)	0.018 (113)								
C.I. Basic Red 9 monohydrochloride												
C.I. Direct Blue 218												
Cinnamyl anthranilate												
Cobalt												
Color					(51,130)			(51,131)				
Copper	1300				1000	(180)		(180)				
Copper cyanide												
Corrosivity												
p-Cresidine												
m-Cresol												
o-Cresol												
p-Cresol												
trans-Crotonaldehyde												
Cumene												
Cupferron												
Cyanazine												
Cyanide	140 (181)	140 (181)				5.2 (137)		22 (137)				
Cyanogen												
Cyanogen bromide												
Cyanogen chloride												
Cyclohexane												
Cyclohexanol												
Cyclohexanone												
Cyclohexene												
Cyclohexylamine												
Cyclopentadiene												

WATER QUALITY LIMITS FOR CONSTITUENTS AND PARAMETERS (in ug/l or ppb unless noted)

CONSTITUENT or PARAMETER	California Ocean Plan Numerical Water Quality Objectives						USEPA National Recommended Ambient Water Quality Criteria for Saltwater Aquatic Life Protection						
	Human Health (30-day Average) aquatic organism consumption only	Marine Aquatic Life Protection					Recommended Criteria				Toxicity Information (Lowest Observed Effect Level)		
		6-month Median	30-day Average	7-day Average	Daily Maximum	Instantaneous Maximum	Continuous Concentration (4-day Average)	24-hour Average	Maximum Concentration (1-hour Average)	Instantaneous Maximum	Acute	Chronic	Other
Chlorobenzene	570									160 (22)	129 (22)		
4-Chloro-m-cresol		1 (87)			4 (87)	10 (87)							
4-Chloro-o-cresol		1 (87)			4 (87)	10 (87)							
6-Chloro-m-cresol		1 (87)			4 (87)	10 (87)							
Chloroethane													
Chloroform	130 (188)									12,000 (20)	6400 (20)	11,500 (20,82)	
Chloromethane	130 (13,188)									12,000 (20)	6400 (20)	11,500 (20,82)	
Chloromethyl methyl ether													
3-Chloro-2-methylpropene													
2-Chloronaphthalene										7.5 (48)			
2-Chlorophenol		1 (87)			4 (87)	10 (87)							
3-Chlorophenol		1 (87)			4 (87)	10 (87)							
4-Chlorophenol		1 (87)			4 (87)	10 (87)				29,700			
4-Chloro-o-phenylenediamine													
Chloropicrin													
beta-Chloroprene													
3-Chloropropene													
Chloroethalonil													
2-Chlorotoluene													
4-Chlorotoluene													
p-Chloro-o-toluidine													
Chlorozotocin													
Chlorpropham													
Chlorpyrifos							0.009 / 0.0056 (151)		0.02 / 0.011 (151)				
Chlorsulfuron													
Chromium (III)	190,000									10,300 (96)			
Chromium (VI)		2 (12)			8 (12)	20 (12)	50 (1)		1100 (1)				
Chromium (total)		2 (12)			8 (12)	20 (12)							
Chrysene	0.0088 (33,188)									300 (52)			
C.I. Basic Red 9 monohydrochloride													
C.I. Direct Blue 218													
Cinnamyl anthranilate													
Cobalt													
Color										(51,131)			
Copper		3			12	30	3.1 / 1.9 (1,68)	3.1 (1,68)	4.8 (1)				
Copper cyanide													
Corrosivity													
p-Cresidine													
m-Cresol		30 (86)			120 (86)	300 (86)							
o-Cresol		30 (86)			120 (86)	300 (86)							
p-Cresol		30 (86)			120 (86)	300 (86)							
trans-Crotonaldehyde													
Cumene													
Cupferron													
Cyanazine													
Cyanide		1			4	10	1 (137)		1 (137)				
Cyanogen													
Cyanogen bromide													
Cyanogen chloride													
Cyclohexane													
Cyclohexanol													
Cyclohexanone													
Cyclohexene													
Cyclohexylamine													
Cyclopentadiene													

WATER QUALITY LIMITS FOR CONSTITUENTS AND PARAMETERS (in ug/l or ppb unless noted)

CONSTITUENT or PARAMETER	Chemical Abstracts Service Registry Number	Synonyms and Abbreviations	
Chlorobenzene	108-90-7	Monochlorobenzene	
4-Chloro-m-cresol	59-50-7	4-Chloro-3-methylphenol	p-Chloro-m-cresol
4-Chloro-o-cresol	1570-64-5	4-Chloro-2-methylphenol	p-Chloro-o-cresol
6-Chloro-m-cresol	615-74-7	6-Chloro-3-methylphenol	3-Methyl-6-chlorophenol
Chloroethane	75-00-3	Ethyl chloride	2-Chloro-5-methylphenol
Chloroform	67-66-3	Trichloromethane	Freon 20
Chloromethane	74-87-3	Methyl chloride	a trihalomethane (THM)
Chloromethyl methyl ether	107-30-2	CMME	Methylchloromethyl ether
3-Chloro-2-methylpropene	563-47-3	3-Chloroisobutylene	Chloromethoxymethane
2-Chloronaphthalene	91-58-7	beta-Chloronaphthalene	
2-Chlorophenol	95-57-8	o-Chlorophenol	
3-Chlorophenol	108-43-0	m-Chlorophenol	
4-Chlorophenol	106-48-9	p-Chlorophenol	
4-Chloro-o-phenylenediamine	95-83-0	1-Chloro-3,4-diaminobenzene	
Chloropicrin	76-06-2		
beta-Chloroprene	126-99-8	2-Chlorobutadiene-1,3	
3-Chloropropene	107-05-1	Allyl chloride	2-Propenyl chloride
Chloroethalonil	1897-45-6	Bravo	Daconil
2-Chlorotoluene	95-49-8	o-Chlorotoluene	
4-Chlorotoluene	106-43-4	p-Chlorotoluene	
p-Chloro-o-toluidine	95-69-2		
Chlorozotocin	54749-90-5	Glucopyranose	
Chlorpropham	101-21-3	CIPC	Chloro-IPC
Chlorpyrifos	2921-88-2	Dursban	Lorsban
Chlorsulfuron	64902-72-3	Sulfonamide	Glean
Chromium (III)	16065-83-1	Cr (III)	Chromium, trivalent
Chromium (VI)	18540-29-9	Cr (VI)	Chromium, hexavalent
Chromium (total)	7440-47-3	Cr (total)	
Chrysene	218-01-9		a polynuclear aromatic hydrocarbon
C.I. Basic Red 9 monohydrochloride	569-61-9	Basic parafuchsine	Basic Red 9 monohydrochloride
C.I. Direct Blue 218	28407-37-6	Fastsol Blue 9GLP	Pontamine Bond Blue B
Cinnamyl anthranilate	87-29-6		Solantine Blue 10GL
Cobalt	7440-48-4	Co	
Color			
Copper	7440-50-8	Cu	
Copper cyanide	544-92-3	Cupricin	Cuprous cyanide
Corrosivity			Cyanide, copper
p-Cresidine	120-71-8	2-Methoxy-5-Methylaniline	5-Methyl-o-anisidine
m-Cresol	108-39-4	3-Methylphenol	
o-Cresol	95-48-7	2-Methylphenol	
p-Cresol	106-44-5	4-Methylphenol	
trans-Crotonaldehyde	4170-30-3	trans-2-Butenal	beta-Methyl acrolein
Cumene	98-82-8	Isopropylbenzene	2-Phenylpropane
Cupferron	135-20-6	Ammonium nitroso-beta-phenylhydroxylamine	
Cyanazine	21725-46-2	Bladex	
Cyanide	57-12-5	CN-	HCN
Cyanogen	460-19-5	Ethanedinitrile	Prussite
Cyanogen bromide	506-68-3	Bromine cyanide	
Cyanogen chloride	506-77-4	Chlorine cyanide	
Cyclohexane	110-82-7		
Cyclohexanol	108-93-0		
Cyclohexanone	108-94-1		
Cyclohexene	110-83-8		
Cyclohexylamine	108-91-8	Aminocyclohexane	
Cyclopentadiene	542-92-7		

WATER QUALITY LIMITS FOR CONSTITUENTS AND PARAMETERS (in ug/l or ppb unless noted)

CONSTITUENT or PARAMETER	Drinking Water Standards (California & Federal) Maximum Contaminant Levels (MCLs)					California Public Health Goal (PHG) in Drinking Water (Office of Environmental Health Hazard Assessment; OEHHA)	California State Notification Level (formerly Action Level) and Response Level for Drinking Water (CDPH) (191)	Agricultural Water Quality Limits (78)	Taste & Odor Threshold (see also Secondary MCL and National Recommended Water Quality Criteria)
	California Department of Public Health (CDPH)		U.S. Environmental Protection Agency (USEPA)						
	Primary MCL	Secondary MCL	Primary MCL	Secondary MCL	MCL Goal				
Cyclophosphamide									
Cyhalothrin									
Cypermethrin									
Cyromazine									
2,4-D	70		70		70	70 / 20 (68)			
Dacarbazine									
Dacthal (DCPA)									
Dalapon	200		200		200	790			
Daminozide									
Danitol									
Dantron									
D&C Red No. 9									
DDD									
DDE									
DDT									
Decabromodiphenyl ether									
Demeton									
Diacetone alcohol								64,000 (126)	
2,4-Diaminoanisole									
2,4-Diaminoanisole sulfate									
4,4'-Diaminodiphenyl ether									
2,4-Diaminotoluene									
Diazinon							6 / 60 (191)		
Dibenz(a,h)acridine									
Dibenz(a,i)acridine									
Dibenz(a,h)anthracene									
7H-Dibenzo(c,g)carbazole									
Dibenzo(a,e)pyrene									
Dibenzo(a,h)pyrene									
Dibenzo(a,i)pyrene									
Dibenzo(a,j)pyrene									
Dibromoacetic acid	60 (106)		60 (106)						
Dibromoacetonitrile									
1,4-Dibromobenzene									
Dibromochloromethane	80 (19)		80 (19)		60				
1,2-Dibromo-3-chloropropane	0.2		0.2		0 (185)	0.0017 (188)		10 (125)	
1,2-Dibromoethane	0.05		0.05		0 (185)	0.01 (188)			
Di-n-butyl phthalate									
Dicamba									
Dichloroacetic acid	60 (106)		60 (106)		0 (185)				
Dichloroacetonitrile									
1,2-Dichlorobenzene	600		600	100 (68)	600	600		24 (126)	
1,3-Dichlorobenzene							600 / 6000 (77,191)		
1,4-Dichlorobenzene	5		75	5 (68)	75	6 (188)		11 (126)	
Dichlorobenzenes									
3,3'-Dichlorobenzidine									
Dichlorodifluoromethane							1000 / 10,000 (191)		
1,1-Dichloroethane	5					3 (188)			
1,2-Dichloroethane	0.5		5		0 (185)	0.4 (147,188)		7000 (126)	
1,1-Dichloroethylene	6		7		7	10		1500 (126)	
cis-1,2-Dichloroethylene	6		70		70	100			
trans-1,2-Dichloroethylene	10		100		100	60		260 (126)	
Dichloroethylenes									
Dichloromethane	5		5		0 (185)	4 (188)		9100 (126)	
2,3-Dichlorophenol									
2,4-Dichlorophenol									
2,5-Dichlorophenol									

WATER QUALITY LIMITS FOR CONSTITUENTS AND PARAMETERS (in ug/l or ppb unless noted)

CONSTITUENT or PARAMETER	USEPA Integrated Risk Information System (IRIS) Reference Dose as a Drinking Water Level (60)	Drinking Water Health Advisories or Suggested No-Adverse-Response Levels (SNARLs) for toxicity other than cancer risk		One-in-a-Million Incremental Cancer Risk Estimates for Drinking Water				California Proposition 65 Safe Harbor Level (OEHHA) as a Drinking Water Level (14)	
		USEPA	National Academy of Sciences (NAS)	Cal/EPA Cancer Potency Factor as a Drinking Water Level (102)	USEPA Integrated Risk Information System (IRIS)	USEPA Drinking Water Health Advisory or SNARL	National Academy of Sciences (NAS)	No Significant Risk Level (one-in-100,000 cancer risk)	Maximum Allowable Dose Level for Reproductive Toxicity
Cyclophosphamide				0.061				0.5 (188)	(189)
Cyhalothrin	35								
Cypermethrin	70								
Cyromazine	53								
2,4-D	70	35 (168)	87.5			(D)			
Dacarbazine				0.00071				0.005 (188)	(189)
Dacthal (DCPA)	70	70 (167)				(C)			
Dalapon	210	200				(D)			
Daminozide	1050			1.9				20 (188)	
Danitol	180								
Dantron				0.46				4.5 (188)	
D&C Red No. 9				6.6				50 (188)	
DDD				0.15	0.1 (B2)			1 (50,188)	
DDE				0.1	0.1 (B2)			1 (50,188)	
DDT	3.5			0.1	0.1 (B2)		0.042	1 (50,188)	(189)
Decabromodiphenyl ether	4.9				50 (S)				
Demeton	0.3								
Diacetone alcohol									
2,4-Diaminoanisole				1.5				15 (188)	
2,4-Diaminoanisole sulfate				2.7				25 (188)	
4,4'-Diaminodiphenyl ether				0.25				2.5 (188)	
2,4-Diaminotoluene				0.0092				0.1 (188)	
Diazinon		1 (167)	14			(E)			
Dibenz(a,h)acridine				0.04 (93)				(188)	
Dibenz(a,i)acridine				0.04 (93)				(188)	
Dibenz(a,h)anthracene				0.0085	(B2)			0.1 (188)	
7H-Dibenzo(c,g)carbazole				0.004 (93)				0.0015 (188)	
Dibenzo(a,e)pyrene				0.004 (93)				(188)	
Dibenzo(a,h)pyrene				0.0004 (93)				0.0027 (188)	
Dibenzo(a,i)pyrene				0.0004 (93)				0.0025 (188)	
Dibenzo(a,j)pyrene				0.0004 (93)				(188)	
Dibromoacetic acid								(188)	
Dibromoacetonitrile		20	23 / 161 (7)			(C)			
1,4-Dibromobenzene	70 (147)								
Dibromochloromethane	14	60	18,000 (24-hr)	0.37	0.4 (C)	0.8 (S)	0.6		
1,2-Dibromo-3-chloropropane		50 (10-day)		0.005		0.03 (B2)	0.051	0.05 (188)	1.6 (189)
1,2-Dibromoethane	63	8 (10-day)		0.0097	0.02 (L)	0.02 (L,166)	0.055	0.1 (188)	(188)
Di-n-butyl phthalate	700		770		(D)	(D)			4.4 (189)
Dicamba	210	4000	8.75			(N)			
Dichloroacetic acid	28	5000 (10-day,68)	175 / 420 (7)		0.7 / 2.3 (L,32)	0.7 (L,166)		(188)	
Dichloroacetonitrile		6				(C)			
1,2-Dichlorobenzene	630 / 980 (68)	600	300 (25)		(D)	(D)			
1,3-Dichlorobenzene	7 (68)	600			(D)	(D)			
1,4-Dichlorobenzene	17 (68)	75	94 (25)	6.5	2.7 (68)	(C)		10 (188)	
Dichlorobenzenes									
3,3'-Dichlorobenzidine				0.029	0.08 (B2,147)			0.3 (188)	
Dichlorodifluoromethane	1400 (147)	1000	5600 (7-day)			(D)			
1,1-Dichloroethane				6.1	(C)			50 (188)	
1,2-Dichloroethane		7 (10-day)		0.74	0.4 (B2)	0.4 (B2)	0.71	5 (188)	
1,1-Dichloroethylene	35 (147)	100 (10-day)	100		(S)	0.06 (S)			
cis-1,2-Dichloroethylene		70			(D)	(D)			
trans-1,2-Dichloroethylene	140	100 (166)				(D)			
Dichloroethylenes									
Dichloromethane	420	2000 (10-day,68)	5000 (7-day)	2.5	5 (B2)	5 (B2,68)		25 (188)	
2,3-Dichlorophenol									
2,4-Dichlorophenol	21	20 (68)	2000 / 7000 (7)			(E,68)			
2,5-Dichlorophenol									

WATER QUALITY LIMITS FOR CONSTITUENTS AND PARAMETERS (in ug/l or ppb unless noted)

CONSTITUENT or PARAMETER	California Toxics Rule Criteria (USEPA) unless noted									
	Inland Surface Waters					Enclosed Bays & Estuaries				
	Human Health (30-day Average)		Freshwater Aquatic Life Protection			Human Health (30-day Average) aquatic organism consumption only			Saltwater Aquatic Life Protection	
	Drinking Water Sources (consumption of water and aquatic organisms)	Other Waters (aquatic organism consumption only)	Continuous Concentration (4-day Average)	Maximum Concentration (1-hour Average)	Instantaneous Maximum	Continuous Concentration (4-day Average)	Maximum Concentration (1-hour Average)	Instantaneous Maximum		
Cylophosphamide										
Cyhalothrin										
Cypermethrin										
Cyromazine										
2,4-D										
Dacarbazine										
Dacthal (DCPA)										
Dalapon										
Daminozide										
Danitol										
Dantron										
D&C Red No. 9										
DDD	0.00083 (113,188)	0.00084 (113,188)				0.00084 (113,188)				
DDE	0.00059 (113,188)	0.00059 (113,188)				0.00059 (113,188)				
DDT	0.00059 (113,188)	0.00059 (113,188)	0.001 (114)		1.1	0.00059 (113,188)	0.001 (114)	0.13		
Decabromodiphenyl ether										
Demeton										
Diacetone alcohol										
2,4-Diaminoanisole										
2,4-Diaminoanisole sulfate										
4,4'-Diaminodiphenyl ether										
2,4-Diaminotoluene										
Diazinon										
Dibenz(a,h)acridine										
Dibenz(a,i)acridine										
Dibenz(a,h)anthracene	0.0044 (113,188)	0.049 (113,188)				0.049 (113,188)				
7H-Dibenzo(c,g)carbazole										
Dibenzo(a,e)pyrene										
Dibenzo(a,h)pyrene										
Dibenzo(a,i)pyrene										
Dibenzo(a,j)pyrene										
Dibromoacetic acid										
Dibromoacetonitrile										
1,4-Dibromobenzene										
Dibromochloromethane	0.41 (113,188)	34 (113,188)				34 (113,188)				
1,2-Dibromo-3-chloropropane										
1,2-Dibromoethane										
Di-n-butyl phthalate	2700 (143)	12,000 (143)				12,000 (143)				
Dicamba										
Dichloroacetic acid										
Dichloroacetonitrile										
1,2-Dichlorobenzene	2700	17,000				17,000				
1,3-Dichlorobenzene	400	2600				2600				
1,4-Dichlorobenzene	400	2600				2600				
Dichlorobenzenes										
3,3'-Dichlorobenzidine	0.04 (113,143)	0.077 (113,143)				0.077 (113,143)				
Dichlorodifluoromethane										
1,1-Dichloroethane										
1,2-Dichloroethane	0.38 (113,143)	99 (113,143)				99 (113,143)				
1,1-Dichloroethylene	0.057 (113,143)	3.2 (113,143)				3.2 (113,143)				
cis-1,2-Dichloroethylene										
trans-1,2-Dichloroethylene	700	140,000				140,000				
Dichloroethylenes										
Dichloromethane	4.7 (113,188)	1600 (113,188)				1600 (113,188)				
2,3-Dichlorophenol										
2,4-Dichlorophenol	93 (143)	790 (143)				790 (143)				
2,5-Dichlorophenol										

WATER QUALITY LIMITS FOR CONSTITUENTS AND PARAMETERS (in ug/l or ppb unless noted)

CONSTITUENT or PARAMETER	USEPA National Recommended Ambient Water Quality Criteria unless noted											
	for Human Health and Welfare Protection					for Freshwater Aquatic Life Protection						
	Non-Cancer Health Effects		One-in-a-Million Cancer Risk Estimate			Recommended Criteria				Toxicity Information (Lowest Observed Effect Level)		
	Sources of Drinking Water (water+organisms)	Other Waters (aquatic organism consumption only)	Sources of Drinking Water (water+organisms)	Other Waters (aquatic organism consumption only)	Taste & Odor or Welfare	Continuous Concentration (4-day Average)	24-hour Average	Maximum Concentration (1-hour Average)	Instantaneous Maximum	Acute	Chronic	Other
Cyclophosphamide												
Cyhalothrin												
Cypermethrin								0.002 (152)				
Cyromazine												
2,4-D	100 (51)											
Dacarbazine												
Dacthal (DCPA)			0.008 (8)							14,300 (8)		
Dalapon										110 (54)		
Daminozide												
Danitol												
Dantron												
D&C Red No. 9												
DDD			0.00031 (188)	0.00031 (188)		0.001 (114,172)			1.1 (154,172)	0.6		
DDE			0.00022 (188)	0.00022 (188)		0.001 (114,172)			1.1 (154,172)	1050		
DDT			0.00022 (188)	0.00022 (188)		0.001 (114,172)			1.1 (154,172)			
Decabromodiphenyl ether										360 (58)	122 (58)	
Demeton									0.1 (51)			
Diacetone alcohol												
2,4-Diaminoanisole												
2,4-Diaminoanisole sulfate												
4,4'-Diaminodiphenyl ether												
2,4-Diaminotoluene												
Diazinon							0.05 / 0.17 (151)		0.08 / 0.17 (151)			
Dibenz(a,h)acridine												
Dibenz(a,i)acridine												
Dibenz(a,h)anthracene			0.0038 (113)	0.018 (113)								
7H-Dibenzo(c,g)carbazole												
Dibenzo(a,e)pyrene												
Dibenzo(a,h)pyrene												
Dibenzo(a,i)pyrene												
Dibenzo(a,j)pyrene												
Dibromoacetic acid												
Dibromoacetonitrile												
1,4-Dibromobenzene												
Dibromochloromethane			0.4 (188)	13 (188)						11,000 (20)		
1,2-Dibromo-3-chloropropane												
1,2-Dibromoethane												
Di-n-butyl phthalate	2000	4500								940 (45)	3 (45)	
Dicamba									200 (54)			
Dichloroacetic acid												
Dichloroacetonitrile												
1,2-Dichlorobenzene	420	1300								1120 (24)	763 (24)	50 (22,23)
1,3-Dichlorobenzene	320	960								1120 (24)	763 (24)	50 (22,23)
1,4-Dichlorobenzene	63	190								1120 (24)	763 (24)	50 (22,23)
Dichlorobenzenes										1120	763	50 (22,23)
3,3'-Dichlorobenzidine			0.021 (188)	0.028 (188)								
Dichlorodifluoromethane			0.19							11,000 (20)		
1,1-Dichloroethane												
1,2-Dichloroethane			0.38 (188)	37 (188)						118,000	20,000	
1,1-Dichloroethylene			330	7100						11600 (27)		
cis-1,2-Dichloroethylene										11600 (27)		
trans-1,2-Dichloroethylene	140	10,000								11600 (27)		
Dichloroethylenes										11600		
Dichloromethane			4.6 (188)	590 (188)						11,000 (20)		
2,3-Dichlorophenol					0.04							
2,4-Dichlorophenol	77	290			0.3					2020	365	70 (35)
2,5-Dichlorophenol					0.5							

WATER QUALITY LIMITS FOR CONSTITUENTS AND PARAMETERS (in ug/l or ppb unless noted)

CONSTITUENT or PARAMETER	California Ocean Plan Numerical Water Quality Objectives						USEPA National Recommended Ambient Water Quality Criteria for Saltwater Aquatic Life Protection						
	Human Health (30-day Average) aquatic organism consumption only	Marine Aquatic Life Protection					Recommended Criteria				Toxicity Information (Lowest Observed Effect Level)		
		6-month Median	30-day Average	7-day Average	Daily Maximum	Instantaneous Maximum	Continuous Concentration (4-day Average)	24-hour Average	Maximum Concentration (1-hour Average)	Instantaneous Maximum	Acute	Chronic	Other
Cyclophosphamide													
Cyhalothrin													
Cypermethrin													
Cyromazine													
2,4-D													
Dacarbazine													
Dacthal (DCPA)													
Dalapon													
Daminozide													
Danitol													
Dantron													
D&C Red No. 9													
DDD	0.00017 (50,188)						0.001 (114,172)			0.13 (154,172)	3.6		
DDE	0.00017 (50,188)						0.001 (114,172)			0.13 (154,172)	14		
DDT	0.00017 (50,188)						0.001 (114,172)			0.13 (154,172)			
Decabromodiphenyl ether													
Demeton										0.1 (51)			
Diacetone alcohol													
2,4-Diaminoanisole													
2,4-Diaminoanisole sulfate													
4,4'-Diaminodiphenyl ether													
2,4-Diaminotoluene													
Diazinon							0.82		0.82				
Dibenz(a,h)acridine													
Dibenz(a,i)acridine													
Dibenz(a,h)anthracene	0.0088 (33,188)										300 (52)		
7H-Dibenzo(c,g)carbazole											300 (52)		
Dibenzo(a,e)pyrene											300 (52)		
Dibenzo(a,h)pyrene											300 (52)		
Dibenzo(a,i)pyrene											300 (52)		
Dibenzo(a,j)pyrene											300 (52)		
Dibromoacetic acid													
Dibromoacetonitrile													
1,4-Dibromobenzene													
Dibromochloromethane	8.6 (188)										12,000 (20)	6400 (20)	11,500 (20,82)
1,2-Dibromo-3-chloropropane													
1,2-Dibromoethane													
Di-n-butyl phthalate	3500										2944 (45)		3.4 (38,45)
Dicamba													
Dichloroacetic acid													
Dichloroacetonitrile													
1,2-Dichlorobenzene	5100 (77)										1970 (24)	129 (22)	
1,3-Dichlorobenzene	5100 (77)										1970 (24)	129 (22)	
1,4-Dichlorobenzene	18 (188)										1970 (24)	129 (22)	
Dichlorobenzenes	5100 (77)										1970	129 (22)	
3,3'-Dichlorobenzidine	0.0081 (188)												
Dichlorodifluoromethane											12,000 (20)	6400 (20)	11,500 (20,82)
1,1-Dichloroethane													
1,2-Dichloroethane	28 (188)										113,000		
1,1-Dichloroethylene	0.9 (188)										224,000 (27)		
cis-1,2-Dichloroethylene											224,000 (27)		
trans-1,2-Dichloroethylene											224,000 (27)		
Dichloroethylenes											224,000		
Dichloromethane	450 (188)										12,000 (20)	6400 (20)	11,500 (20,82)
2,3-Dichlorophenol		1 (87)			4 (87)	10 (87)							
2,4-Dichlorophenol		1 (87)			4 (87)	10 (87)							
2,5-Dichlorophenol		1 (87)			4 (87)	10 (87)							

WATER QUALITY LIMITS FOR CONSTITUENTS AND PARAMETERS (in ug/l or ppb unless noted)

CONSTITUENT or PARAMETER	Chemical Abstracts Service Registry Number	Synonyms and Abbreviations	
Cyclophosphamide	50-18-0	Endoxan monohydrate	Genoxal
Cyhalothrin	68085-85-8	Karate	Mitoxan
Cypermethrin	52315-07-8	Stockade	
Cyromazine	66215-27-8	Azimethiphos	
2,4-D	94-75-7	2,4-Dichlorophenoxyacetic acid	
Dacarbazine	4342-03-4		
Dacthal (DCPA)	1861-32-1	DCPA	2,3,5,6-Tetrachloroterephthalic acid dimethyl ether
Dalapon	75-99-0	Dowpon	2,2-Dichloropropionic acid
Daminozide	1596-84-5	Dazide	Alar
Danitol	39515-41-8	Fenpropathrin	Fenpropanate
Dantron	117-10-2	Chrysazin	1,8-Dihydroxyanthraquinone
D&C Red No. 9	2092-56-0		
DDD	72-54-8	4,4'-DDD	Dichlorodiphenyldichloroethane
DDE	72-55-9	4,4'-DDE	Dichlorodiphenyldichloroethylene
DDT	50-29-3	4,4'-DDT	Dichlorodiphenyltrichloroethane
Decabromodiphenyl ether	1163-19-5	DBDPE	Bis(pentabromophenyl) ether
Demeton	8065-48-3	Systox	BDE-209
Diacetone alcohol	123-42-2	4-Hydroxy-4-methyl-2-pentanone	
2,4-Diaminoanisole	615-05-4	Methoxyphenylenediamine	4-Methoxy-1,3-benzenediamine
2,4-Diaminoanisole sulfate	39156-41-7		
4,4'-Diaminodiphenyl ether	101-80-4	4,4'-Oxydianiline	Bis(4-aminophenyl)ether
2,4-Diaminotoluene	95-80-7	2,4-Toluenediamine	
Diazinon	333-41-5	Basudin	Neocidol
Dibenz(a,h)acridine	226-36-8		
Dibenz(a,i)acridine	224-42-0		
Dibenz(a,h)anthracene	53-70-3	1,2:5,6-Dibenzanthracene	Dibenzo(a,h)anthracene
7H-Dibenzo(c,g)carbazole	194-59-2		a polynuclear aromatic hydrocarbon
Dibenzo(a,e)pyrene	192-65-4		a polynuclear aromatic hydrocarbon
Dibenzo(a,h)pyrene	189-64-0		a polynuclear aromatic hydrocarbon
Dibenzo(a,i)pyrene	189-55-9		a polynuclear aromatic hydrocarbon
Dibenzo(a,j)pyrene	191-30-0		a polynuclear aromatic hydrocarbon
Dibromoacetic acid	631-64-1	A Haloacetic acid	a polynuclear aromatic hydrocarbon
Dibromoacetonitrile	3252-43-5		
1,4-Dibromobenzene	106-37-6		
Dibromochloromethane	124-48-1	Chlorodibromomethane	a trihalomethane (THM)
1,2-Dibromo-3-chloropropane	96-12-8	Dibromochloropropane	DBCP
1,2-Dibromoethane	106-93-4	Ethylene dibromide	EDB
Di-n-butyl phthalate	84-74-2	Bis-butyl phthalate	Dibutylphthalate
Dicamba	1918-00-9	Banvel	a phthalic acid ester (PAE)
Dichloroacetic acid	79-43-6	A Haloacetic acid	
Dichloroacetonitrile	3018-12-0		
1,2-Dichlorobenzene	95-50-1	o-Dichlorobenzene	o-DCB
1,3-Dichlorobenzene	541-73-1	m-Dichlorobenzene	
1,4-Dichlorobenzene	106-46-7	p-Dichlorobenzene	PDB
Dichlorobenzenes	25321-22-6	Benzenes, dichloro-	p-DCB
3,3'-Dichlorobenzidine	91-94-1	DCB	
Dichlorodifluoromethane	75-71-8	Difluorodichloromethane	Freon 12
1,1-Dichloroethane	75-34-3	1,1-DCA	
1,2-Dichloroethane	107-06-2	1,2-DCA	Ethylene dichloride
1,1-Dichloroethylene	75-35-4	1,1-Dichloroethene	Freon 150
cis-1,2-Dichloroethylene	156-59-2	cis-1,2-Dichloroethene	Vinylidene chloride
trans-1,2-Dichloroethylene	156-60-5	trans-1,2-Dichloroethene	
Dichloroethylenes		Ethylenes, dichloro-	Dichloroethenes
Dichloromethane	75-09-2	Methylene chloride	
2,3-Dichlorophenol	576-24-9		
2,4-Dichlorophenol	120-83-2		
2,5-Dichlorophenol	583-78-8		

WATER QUALITY LIMITS FOR CONSTITUENTS AND PARAMETERS (in ug/l or ppb unless noted)

CONSTITUENT or PARAMETER	Drinking Water Standards (California & Federal) Maximum Contaminant Levels (MCLs)					California Public Health Goal (PHG) in Drinking Water (Office of Environmental Health Hazard Assessment; OEHA)	California State Notification Level (formerly Action Level) and Response Level for Drinking Water (CDPH) (191)	Agricultural Water Quality Limits (78)	Taste & Odor Threshold (see also Secondary MCL and National Recommended Water Quality Criteria)
	California Department of Public Health (CDPH)		U.S. Environmental Protection Agency (USEPA)						
	Primary MCL	Secondary MCL	Primary MCL	Secondary MCL	MCL Goal				
2,6-Dichlorophenol									
3,4-Dichlorophenol									
2,4-Dichlorophenoxybutyric acid									
1,2-Dichloropropane	5		5		0 (185)	0.5 (188)		10 (126)	
Dichloropropanes									
2,3-Dichloropropanol									
1,3-Dichloropropene	0.5					0.2 (147,188)			
Dichloropropenes									
Dichlorvos									
Dicrotophos									
Dieldrin							0.002 / 0.2 (188,191)		
Diesel Oil								100 (49)	
Diethanolamine								22,000,000 (126)	
Diethylamine								470 (126)	
Di(2-ethylhexyl)adipate	400		400		400	200 (189)			
Di(2-ethylhexyl)phthalate	4		6		0 (185)	12 (188)			
Diethyl ketone								4700 (126)	
Diethyl phthalate									
Diethylstilbestrol									
Diethyl sulfate									
Difenzoquat									
Diffubenzuron									
Diglycidyl resorcinol ether									
Di-n-hexyl phthalate									
Dihydroaafrole									
Diisobutyl ketone								14 (126)	
Diisopropylamine								1300 (126)	
Diisopropyl methyl phosphonate									
Dimethipin									
Dimethoate							1 / 10 (191)		
3,3'-Dimethoxybenzidine									
Dimethrin									
Dimethylamine								290 (126)	
4-Dimethylaminoazobenzene									
trans-2-[(Dimethylamino)methyl imino]-5-[2-(5-nitro-2-furyl)vinyl]- 1,3,4-oxadiazole									
N,N-Dimethylaniline								25 (126)	
7,12-Dimethylbenz(a)anthracene									
3,3'-Dimethylbenzidine									
Dimethylcarbonyl chloride									
N,N-Dimethylformamide								50,000 (126)	
1,1-Dimethylhydrazine									
1,2-Dimethylhydrazine									
Dimethyl methylphosphonate									
2,4-Dimethylphenol							100 / 1000 (191)		
2,6-Dimethylphenol									
3,4-Dimethylphenol									
Dimethyl phthalate									
Dimethyl sulfate									
Dimethyl terephthalate									
Dimethylvinylchloride									
1,3-Dinitrobenzene									
4,6-Dinitro-o-cresol									
4,6-Dinitro-o-cyclohexyl phenol									
2,4-Dinitrophenol									
Dinitrophenols									

WATER QUALITY LIMITS FOR CONSTITUENTS AND PARAMETERS (in ug/l or ppb unless noted)

CONSTITUENT or PARAMETER	USEPA Integrated Risk Information System (IRIS) Reference Dose as a Drinking Water Level (60)	Drinking Water Health Advisories or Suggested No-Adverse-Response Levels (SNARLs) for toxicity other than cancer risk		One-in-a-Million Incremental Cancer Risk Estimates for Drinking Water				California Proposition 65 Safe Harbor Level (OEHA) as a Drinking Water Level (14)	
		USEPA	National Academy of Sciences (NAS)	Cal/EPA Cancer Potency Factor as a Drinking Water Level (102)	USEPA Integrated Risk Information System (IRIS)	USEPA Drinking Water Health Advisory or SNARL	National Academy of Sciences (NAS)	No Significant Risk Level (one-in-100,000 cancer risk)	Maximum Allowable Dose Level for Reproductive Toxicity
2,6-Dichlorophenol									
3,4-Dichlorophenol									
2,4-Dichlorophenoxybutyric acid	56								455 (189)
1,2-Dichloropropane		90 (10-day)		0.97		0.6 (B2)		4.9 (188)	
Dichloropropanes									
2,3-Dichloropropanol	21 (147)								
1,3-Dichloropropene	210	3 (10-day)		0.38	0.4 / 0.7 / 0.8 (B2,163)	0.4 (L,166)	0.45	2 (68,188)	
Dichloropropenes									
Dichlorvos	3.5			0.085	0.1 (B2)			1 (188)	
Dicrotophos	0.7								
Dieldrin	0.35	0.5 (10-day)		0.0022	0.002 (B2)	0.002 (B2)	0.0019	0.02 (188)	
Diesel Oil	56 / 140 (30,146)	100 (10-day,49)							
Diethanolamine									
Diethylamine									
Di(2-ethylhexyl)adipate	420	400			30 (C)	30 (C)			
Di(2-ethylhexyl)phthalate	140		4200	12	3 (B2)	3 (B2)	2.4	155 (188)	10 / 205 (153,189)
Diethyl ketone									
Diethyl phthalate	5600				(D)	(D)			
Diethylstilbestrol				0.0001				0.001 (188)	
Diethyl sulfate								0.35 (68,188)	
Difenzoquat	560								
Diflubenzuron	140								
Diglycidyl resorcinol ether				0.021				0.2 (188)	
Di-n-hexyl phthalate									1100 (68,189)
Dihydrosoafrole				0.8				10 (188)	
Diisobutyl ketone									
Diisopropylamine									
Diisopropyl methyl phosphonate	560	600			(D)	(D)			
Dimethipin	14				(C)				
Dimethoate	1.4								
3,3'-Dimethoxybenzidine								0.075 / 0.095 (174,188)	
Dimethrin		2000				(D)			
Dimethylamine									
4-Dimethylaminoazobenzene				0.0076				0.1 (188)	
trans-2-[(Dimethylamino)methyl imino]-5-[2-(5-nitro-2-furyl)vinyl]- 1,3,4-oxadiazole				0.08				1 (188)	
N,N-Dimethylaniline	14								
7,12-Dimethylbenz(a)anthracene				0.00014				0.0015 (188)	
3,3'-Dimethylbenzidine								0.022 / 0.0295 (174,188)	
Dimethylcarbamoyl chloride				0.0027				0.025 (188)	
N,N-Dimethylformamide									
1,1-Dimethylhydrazine								0.15 (68,188)	
1,2-Dimethylhydrazine				0.000064				0.0005 (188)	
Dimethyl methylphosphonate		100				7 (C)			
2,4-Dimethylphenol	140								
2,6-Dimethylphenol	4 (147)								
3,4-Dimethylphenol	7 (147)								
Dimethyl phthalate					(D)	(D)			
Dimethyl sulfate					(B2)			0.025 (68,188)	
Dimethyl terephthalate	700								
Dimethylvinylchloride				0.78				10 (188)	
1,3-Dinitrobenzene	0.7 (147)	1			(D)	(D)			19 (189)
4,6-Dinitro-o-cresol			110 (11)						
4,6-Dinitro-o-cyclohexyl phenol	14								
2,4-Dinitrophenol	14 (147)		110 (11)						
Dinitrophenols			110						

WATER QUALITY LIMITS FOR CONSTITUENTS AND PARAMETERS (in ug/l or ppb unless noted)

CONSTITUENT or PARAMETER	California Toxics Rule Criteria (USEPA) unless noted								
	Inland Surface Waters					Enclosed Bays & Estuaries			
	Human Health (30-day Average)		Freshwater Aquatic Life Protection			Human Health (30-day Average) aquatic organism consumption only		Saltwater Aquatic Life Protection	
	Drinking Water Sources (consumption of water and aquatic organisms)	Other Waters (aquatic organism consumption only)	Continuous Concentration (4-day Average)	Maximum Concentration (1-hour Average)	Instantaneous Maximum	Continuous Concentration (4-day Average)	Maximum Concentration (1-hour Average)	Instantaneous Maximum	
2,6-Dichlorophenol									
3,4-Dichlorophenol									
2,4-Dichlorophenoxybutyric acid									
1,2-Dichloropropane	0.52	39				39			
Dichloropropanes									
2,3-Dichloropropanol									
1,3-Dichloropropene	10 (143)	1700 (143)				1700 (143)			
Dichloropropenes									
Dichlorvos									
Dicrotophos									
Dieldrin	0.00014 (113,188)	0.00014 (113,188)	0.056	0.24		0.00014 (113,188)	0.0019 (114)	0.71	
Diesel Oil									
Diethanolamine									
Diethylamine									
Di(2-ethylhexyl)adipate									
Di(2-ethylhexyl)phthalate	1.8 (113,143)	5.9 (113,143)				5.9 (113,143)			
Diethyl ketone									
Diethyl phthalate	23,000 (143)	120,000 (143)				120,000 (143)			
Diethylstilbestrol									
Diethyl sulfate									
Difenzoquat									
Diffubenzuron									
Diglycidyl resorcinol ether									
Di-n-hexyl phthalate									
Dihydroaafrole									
Diisobutyl ketone									
Diisopropylamine									
Diisopropyl methyl phosphonate									
Dimethipin									
Dimethoate									
3,3'-Dimethoxybenzidine									
Dimethrin									
Dimethylamine									
4-Dimethylaminoazobenzene									
trans-2-[(Dimethylamino)methyl imino]-5-[2-(5-nitro-2-furyl)vinyl]- 1,3,4-oxadiazole									
N,N-Dimethylaniline									
7,12-Dimethylbenz(a)anthracene									
3,3'-Dimethylbenzidine									
Dimethylcarbamoyl chloride									
N,N-Dimethylformamide									
1,1-Dimethylhydrazine									
1,2-Dimethylhydrazine									
Dimethyl methylphosphonate									
2,4-Dimethylphenol	540	2300				2300			
2,6-Dimethylphenol									
3,4-Dimethylphenol									
Dimethyl phthalate	313,000 (143)	2,900,000 (143)				2,900,000 (143)			
Dimethyl sulfate									
Dimethyl terephthalate									
Dimethylvinylchloride									
1,3-Dinitrobenzene									
4,6-Dinitro-o-cresol	13.4 (143)	765 (143)				765 (143)			
4,6-Dinitro-o-cyclohexyl phenol									
2,4-Dinitrophenol	70 (143)	14,000 (143)				14,000 (143)			
Dinitrophenols									

WATER QUALITY LIMITS FOR CONSTITUENTS AND PARAMETERS (in ug/l or ppb unless noted)

CONSTITUENT or PARAMETER	USEPA National Recommended Ambient Water Quality Criteria unless noted											
	for Human Health and Welfare Protection					for Freshwater Aquatic Life Protection						
	Non-Cancer Health Effects		One-in-a-Million Cancer Risk Estimate			Recommended Criteria				Toxicity Information (Lowest Observed Effect Level)		
	Sources of Drinking Water (water+organisms)	Other Waters (aquatic organism consumption only)	Sources of Drinking Water (water+organisms)	Other Waters (aquatic organism consumption only)	Taste & Odor or Welfare	Continuous Concentration (4-day Average)	24-hour Average	Maximum Concentration (1-hour Average)	Instantaneous Maximum	Acute	Chronic	Other
2,6-Dichlorophenol					0.2							
3,4-Dichlorophenol					0.3							
2,4-Dichlorophenoxybutyric acid												
1,2-Dichloropropane			0.5 (188)	15 (188)						23,000 (28)	5700 (28)	
Dichloropropanes										23,000	5700	
2,3-Dichloropropanol												
1,3-Dichloropropene			0.34 (188)	21 (188)						6060 (29)	244 (29)	
Dichloropropenes	87	14,100								6060	244	
Dichlorvos												
Dicrotophos												
Dieldrin			0.000052 (188)	0.000054 (188)		0.056 (139)		0.24				
Diesel Oil												
Diethanolamine												
Diethylamine												
Di(2-ethylhexyl)adipate												
Di(2-ethylhexyl)phthalate			1.2 (188)	2.2 (188)		(138)						
Diethyl ketone												
Diethyl phthalate	17,000	44,000								940 (45)	3 (45)	
Diethylstilbestrol												
Diethyl sulfate												
Difenzoquat												
Diffubenzuron												
Diglycidyl resorcinol ether												
Di-n-hexyl phthalate												
Dihydroxsafrrole												
Diisobutyl ketone												
Diisopropylamine												
Diisopropyl methyl phosphonate												
Dimethipin												
Dimethoate												
3,3'-Dimethoxybenzidine												
Dimethrin												
Dimethylamine												
4-Dimethylaminoazobenzene												
trans-2-[(Dimethylamino)methyl imino]-5-[2-(5-nitro-2-furyl)vinyl]- 1,3,4-oxadiazole												
N,N-Dimethylaniline												
7,12-Dimethylbenz(a)anthracene												
3,3'-Dimethylbenzidine												
Dimethylcarbamoyl chloride												
N,N-Dimethylformamide												
1,1-Dimethylhydrazine												
1,2-Dimethylhydrazine												
Dimethyl methylphosphonate												
2,4-Dimethylphenol	380	850			400					2120		
2,6-Dimethylphenol												
3,4-Dimethylphenol												
Dimethyl phthalate	270,000	1,100,000								940 (45)	3 (45)	
Dimethyl sulfate												
Dimethyl terephthalate										940 (45)	3 (45)	
Dimethylvinylchloride												
1,3-Dinitrobenzene												
4,6-Dinitro-o-cresol	13	280								230 (88)		150 (38,88)
4,6-Dinitro-o-cyclohexyl phenol												
2,4-Dinitrophenol	69	5300								230 (88)		150 (38,88)
Dinitrophenols	69	5300								230 (88)		150 (38,88)

WATER QUALITY LIMITS FOR CONSTITUENTS AND PARAMETERS (in ug/l or ppb unless noted)

CONSTITUENT or PARAMETER	California Ocean Plan Numerical Water Quality Objectives						USEPA National Recommended Ambient Water Quality Criteria for Saltwater Aquatic Life Protection							
	Human Health (30-day Average) aquatic organism consumption only	Marine Aquatic Life Protection					Recommended Criteria				Toxicity Information (Lowest Observed Effect Level)			
		6-month Median	30-day Average	7-day Average	Daily Maximum	Instantaneous Maximum	Continuous Concentration (4-day Average)	24-hour Average	Maximum Concentration (1-hour Average)	Instantaneous Maximum	Toxicity Information (Lowest Observed Effect Level)			
											Acute	Chronic	Other	
2,6-Dichlorophenol		1 (87)			4 (87)	10 (87)								
3,4-Dichlorophenol		1 (87)			4 (87)	10 (87)								
2,4-Dichlorophenoxybutyric acid														
1,2-Dichloropropane											10,300 (28)	3040 (28)		
Dichloropropanes											10,300	3040		
2,3-Dichloropropanol														
1,3-Dichloropropene	8.9 (188)										790 (29)			
Dichloropropenes											790			
Dichlorvos														
Dicrotophos														
Dieldrin	0.00004 (188)						0.0019 (114)				0.71 (154)			
Diesel Oil														
Diethanolamine														
Diethylamine														
Di(2-ethylhexyl)adipate														
Di(2-ethylhexyl)phthalate	3.5 (188)						(138)							
Diethyl ketone														
Diethyl phthalate	33,000										2944 (45)			3.4 (38,45)
Diethylstilbestrol														
Diethyl sulfate														
Difenzoquat														
Diflubenzuron														
Diglycidyl resorcinol ether														
Di-n-hexyl phthalate														
Dihydroxatrole														
Diisobutyl ketone														
Diisopropylamine														
Diisopropyl methyl phosphonate														
Dimethipin														
Dimethoate														
3,3'-Dimethoxybenzidine														
Dimethrin														
Dimethylamine														
4-Dimethylaminoazobenzene														
trans-2-[(Dimethylamino)methyl imino]-5-[2-(5-nitro-2-furyl)vinyl]- 1,3,4-oxadiazole														
N,N-Dimethylaniline														
7,12-Dimethylbenz(a)anthracene												300 (52)		
3,3'-Dimethylbenzidine														
Dimethylcarbamoyl chloride														
N,N-Dimethylformamide														
1,1-Dimethylhydrazine														
1,2-Dimethylhydrazine														
Dimethyl methylphosphonate														
2,4-Dimethylphenol		30 (86)			120 (86)	300 (86)								
2,6-Dimethylphenol														
3,4-Dimethylphenol														
Dimethyl phthalate	820,000										2944 (45)			3.4 (38,45)
Dimethyl sulfate														
Dimethyl terephthalate											2944 (45)			3.4 (38,45)
Dimethylvinylchloride														
1,3-Dinitrobenzene														
4,6-Dinitro-o-cresol	220	30 (86)			120 (86)	300 (86)					4850 (88)			
4,6-Dinitro-o-cyclohexyl phenol		30 (86)			120 (86)	300 (86)								
2,4-Dinitrophenol	4	30 (86)			120 (86)	300 (86)					4850 (88)			
Dinitrophenols		30 (86)			120 (86)	300 (86)					4850 (88)			

WATER QUALITY LIMITS FOR CONSTITUENTS AND PARAMETERS (in ug/l or ppb unless noted)

CONSTITUENT or PARAMETER	Chemical Abstracts Service Registry Number	Synonyms and Abbreviations	
2,6-Dichlorophenol	87-65-0		
3,4-Dichlorophenol	95-77-2		
2,4-Dichlorophenoxybutyric acid	94-82-6	2,4-D butyric acid	2,4-DB
1,2-Dichloropropane	78-87-5	Propylene dichloride	component of D-D
Dichloropropanes	26638-19-7	Propanes, dichloro-	minor component of Telone
2,3-Dichloropropanol	616-23-9		
1,3-Dichloropropene	542-75-6	1,3-Dichloropropylene	component of D-D
Dichloropropenes		Propenes, dichloro-	Telone II
Dichlorvos	62-73-7	DDVP	Dichlorodimethylvinylphosphate
Dicrotophos	141-66-2	Bidrin	
Dieldrin	60-57-1		
Diesel Oil	68476-34-6	Fuel oil #2	a petroleum hydrocarbon
Diethanolamine	111-42-2	DEA	
Diethylamine	109-89-7		
Di(2-ethylhexyl)adipate	103-23-1	Diethylhexyl adipate	DEHA
Di(2-ethylhexyl)phthalate	117-81-7	Bis(2-ethylhexyl) phthalate	DEHP
Diethyl ketone	96-22-0	3-Pentanone	a phthalic acid ester (PAE)
Diethyl phthalate	84-66-2	Bis-ethyl phthalate	a phthalic acid ester (PAE)
Diethylstilbestrol	56-53-1	DES	
Diethyl sulfate	64-67-5		
Difenzoquat	43222-48-6	Avenge	
Diffubenzuron	35367-38-5		
Diglycidyl resorcinol ether	101-90-6	DGRE	
Di-n-hexyl phthalate	84-75-3	Dihexyl phthalate	1,2-Benzenedicarboxylic acid, 1,2-dihexyl ester
Dihydrosoafrole	94-58-6	1,2-(Methylenedioxy)-4-propylbenzene	Phthalic acid, dihexyl ester
Diisobutyl ketone	108-83-8	2,6-Dimethyl-4-heptanone	1,3-Benzodioxole
Diisopropylamine	108-18-9		
Diisopropyl methyl phosphonate	1445-75-6	DIMP	
Dimethipin	55290-64-7	Harvade	
Dimethoate	60-51-5	De-Fend	Cygon
3,3'-Dimethoxybenzidine	119-90-4	o-Dianisidine	Fosfamid
Dimethrin	70-38-2	2,4-Dimethylbenzylester	Chrysanthemumic acid
Dimethylamine	124-40-3	DMA	
4-Dimethylaminoazobenzene	60-11-7	Methyl yellow	Butter yellow
trans-2-[(Dimethylamino)methyl imino]-5-[2-(5-nitro-2-furyl)vinyl]- 1,3,4-oxadiazole	55738-54-0		p-Dimethylaminoazobenzene
N,N-Dimethylaniline	121-69-7		
7,12-Dimethylbenz(a)anthracene	57-97-6	DMBA	a polynuclear aromatic hydrocarbon
3,3'-Dimethylbenzidine	119-93-7	o-Tolidine	
Dimethylcarbamoyl chloride	79-44-7	Dimethylcarbamyl chloride	
N,N-Dimethylformamide	68-12-2	DMF	
1,1-Dimethylhydrazine	57-14-7	UDMH	unsymmetrical-Dimethylhydrazine
1,2-Dimethylhydrazine	540-73-8	symmetrical-Dimethylhydrazine	
Dimethyl methylphosphonate	756-79-6		
2,4-Dimethylphenol	105-67-9	asymmetrical-m-Xylenol	2,4-DMP
2,6-Dimethylphenol	576-26-1		
3,4-Dimethylphenol	95-65-8		
Dimethyl phthalate	131-11-3	Bis-methyl phthalate	a phthalic acid ester (PAE)
Dimethyl sulfate	77-78-1		
Dimethyl terephthalate	120-61-6	DMT	Dimethyl p-phthalate
Dimethylvinylchloride	513-37-1	1-Chloro-2-methylpropene	1-Chloroisobutene
1,3-Dinitrobenzene	99-65-0	m-Dinitrobenzene	
4,6-Dinitro-o-cresol	534-52-1	2-Methyl-4,6-dinitrophenol	4,6-Dinitro-2-methylphenol
4,6-Dinitro-o-cyclohexyl phenol	131-89-5	DNOHP	
2,4-Dinitrophenol	51-28-5		
Dinitrophenols	25550-58-7		

WATER QUALITY LIMITS FOR CONSTITUENTS AND PARAMETERS (in ug/l or ppb unless noted)

CONSTITUENT or PARAMETER	Drinking Water Standards (California & Federal) Maximum Contaminant Levels (MCLs)					California Public Health Goal (PHG) in Drinking Water (Office of Environmental Health Hazard Assessment; OEHA)	California State Notification Level (formerly Action Level) and Response Level for Drinking Water (CDPH) (191)	Agricultural Water Quality Limits (78)	Taste & Odor Threshold (see also Secondary MCL and National Recommended Water Quality Criteria)
	California Department of Public Health (CDPH)		U.S. Environmental Protection Agency (USEPA)						
	Primary MCL	Secondary MCL	Primary MCL	Secondary MCL	MCL Goal				
1,6-Dinitropyrene									
1,8-Dinitropyrene									
2,4-Dinitrotoluene									
2,6-Dinitrotoluene									
Dinitrotoluenes									
Dinoseb	7		7		7	14 (189)			
Di(n-octyl) phthalate									
1,4-Dioxane							3 / 300 (188,191)	230,000 (126)	
Diphenamid(e)							200 / 2000 (191)		
Diphenylamine									
1,2-Diphenylhydrazine									
Diquat	20		20		20	15			
Direct Black 38									
Direct Blue 6									
Direct Brown 95									
Disodium cyanodithioimidocarbonate									
Disperse Blue 1									
Disulfoton									
1,4-Dithiane									
Diuron									
Dodine									
Electrical Conductivity at 25°C		900 umhos/cm (74)						700 umhos/cm	
Endosulfan									
Endosulfan sulfate									
Endothal	100		100		100	580			
Endrin	2		2		2	1.8			
Endrin aldehyde									
Epichlorohydrin	(145)		(145)		0 (185)			500 / 1000 (30,125)	
EPN									
Estradiol 17B									
Ethane								7500 (126)	
Ethanol								760,000 (126)	
Ethanolamine								20,000,000 (126)	
Ethephon									
Ethion							4 / 40 (191)		
2-Ethoxyethanol								190,000 (126)	
2-Ethoxyethyl acetate								5000 (126)	
Ethyl acetate								2600 (126)	
Ethyl acrylate								0.38 (126)	
Ethylamine								4300 (126)	
Ethyl n-amyl ketone								2500 (126)	
Ethylbenzene	300		700	30 (68)	700	300		29 (26,125)	
Ethyl bromide								46 (126)	
Ethyl-4,4'-dichlorobenzilate									
S-Ethyl dipropylthiocarbamate									
Ethylene								39 (126)	
Ethylenediamine								16,000,000 (126)	
Ethylene glycol							14,000 / 140,000 (191)		
Ethylene glycol monobutyl ether									
Ethyleneimine								170,000 (126)	
Ethylene oxide (ETO)								140,000 (126)	
Ethylene thiourea (ETU)									
Ethyl ether								750 (126)	
Ethyl formate								11,000 (126)	
Ethyl mercaptan								0.0075 (126)	
Ethylphthalyl ethylglycolate									

WATER QUALITY LIMITS FOR CONSTITUENTS AND PARAMETERS (in ug/l or ppb unless noted)

CONSTITUENT or PARAMETER	USEPA Integrated Risk Information System (IRIS) Reference Dose as a Drinking Water Level (60)	Drinking Water Health Advisories or Suggested No-Adverse-Response Levels (SNARLs) for toxicity other than cancer risk		One-in-a-Million Incremental Cancer Risk Estimates for Drinking Water				California Proposition 65 Safe Harbor Level (OEHHA) as a Drinking Water Level (14)	
		USEPA	National Academy of Sciences (NAS)	Cal/EPA Cancer Potency Factor as a Drinking Water Level (102)	USEPA Integrated Risk Information System (IRIS)	USEPA Drinking Water Health Advisory or SNARL	National Academy of Sciences (NAS)	No Significant Risk Level (one-in-100,000 cancer risk)	Maximum Allowable Dose Level for Reproductive Toxicity
1,6-Dinitropyrene				0.0004 (93)				0.01 (68,188)	
1,8-Dinitropyrene				0.004 (93)				0.005 (68,188)	
2,4-Dinitrotoluene	14	500 (10-day)		0.11	0.05 (B2,65)	0.05 (B2,65)		1 (188)	(189)
2,6-Dinitrotoluene		7 (60)			0.05 (B2,65)	0.05 (B2,65)		(188)	(189)
Dinitrotoluenes									
Dinoseb	7	7	39		(D)	(D)			(189)
Di(n-octyl) phthalate									
1,4-Dioxane		400 (10-day)		1.3	3 (B2)	3 (B2,166)		15,188	
Diphenamid(e)	210	200				(D)			
Diphenylamine	180	200				(D)			
1,2-Diphenylhydrazine				0.04	0.05 (B2,147)			0.4 (188)	
Diquat	16	35 (167)				(E,167)			
Direct Black 38				0.0047 (177)				0.045 (177,188)	
Direct Blue 6				0.0047 (177)				0.045 (177,188)	
Direct Brown 95				0.0052 (177)				0.05 (177,188)	
Disodium cyanodithioimidocarbonate									28 (189)
Disperse Blue 1				7.8 (177)				100 (188)	
Disulfoton	0.3	0.7 (167)	0.7			(E,167)			
1,4-Dithiane	70 (147)	80			(D)	(D)			
Diuron	14	21 (167)				2 (L,167)		(188)	
Dodine	28								
Electrical Conductivity at 25°C									
Endosulfan	42								
Endosulfan sulfate									
Endothal	140	50 (167)				(L,167)			
Endrin	2	2 (166)			(D)	(D)		(188)	(189)
Endrin aldehyde									
Epichlorohydrin		14 (60)	530 (7-day)	0.44	3 (B2)	3 (B2,166)		4.5 (188)	(189)
EPN	0.07								
Estradiol 17B				0.0009				0.01 (188)	
Ethane									
Ethanol									
Ethanolamine									
Ethephon	35								
Ethion	3.5								
2-Ethoxyethanol									375 (189)
2-Ethoxyethyl acetate									550 (189)
Ethyl acetate	6300								
Ethyl acrylate								(188)	
Ethylamine									
Ethyl n-amyyl ketone									
Ethylbenzene	700	700		3.2	(D)	(D)		21 (68,188)	
Ethyl bromide								(188)	
Ethyl-4,4'-dichlorobenzilate	140			0.32				3.5 (188)	
S-Ethyl dipropylthiocarbamate	180								350 (189)
Ethylene									
Ethylenediamine									
Ethylene glycol	14,000	14,000 (166)				(D)			
Ethylene glycol monobutyl ether	350 / 700 (68)				(C,L/N, 68)				
Ethyleneimine				0.00054				0.005 (188)	
Ethylene oxide (ETO)				0.11				1 (188)	10 (189)
Ethylene thiourea (ETU)	0.6	300 (10-day)		0.78		0.2 (B2)	0.23	10 (188)	(189)
Ethyl ether	1400								
Ethyl formate									
Ethyl mercaptan									
Ethylphthalyl ethylglycolate	21,000 (147)								

WATER QUALITY LIMITS FOR CONSTITUENTS AND PARAMETERS (in ug/l or ppb unless noted)

CONSTITUENT or PARAMETER	California Toxics Rule Criteria (USEPA) unless noted								
	Inland Surface Waters					Enclosed Bays & Estuaries			
	Human Health (30-day Average)		Freshwater Aquatic Life Protection			Human Health (30-day Average) aquatic organism consumption only		Saltwater Aquatic Life Protection	
	Drinking Water Sources (consumption of water and aquatic organisms)	Other Waters (aquatic organism consumption only)	Continuous Concentration (4-day Average)	Maximum Concentration (1-hour Average)	Instantaneous Maximum	Continuous Concentration (4-day Average)	Maximum Concentration (1-hour Average)	Instantaneous Maximum	
1,6-Dinitropyrene									
1,8-Dinitropyrene									
2,4-Dinitrotoluene	0.11 (113,143)	9.1 (113,143)				9.1 (113,143)			
2,6-Dinitrotoluene									
Dinitrotoluenes									
Dinoseb									
Di(n-octyl) phthalate									
1,4-Dioxane									
Diphenamid(e)									
Diphenylamine									
1,2-Diphenylhydrazine	0.04 (113,143)	0.54 (113,143)				0.54 (113,143)			
Diquat									
Direct Black 38									
Direct Blue 6									
Direct Brown 95									
Disodium cyanodithioimidocarbonate									
Disperse Blue 1									
Disulfoton									
1,4-Dithiane									
Diuron									
Dodine									
Electrical Conductivity at 25°C									
Endosulfan	110 (115)	240 (115)	0.056 (114,115)		0.22 (115)	240 (115)	0.0087 (114,115)	0.034 (115)	
Endosulfan sulfate	110	240				240			
Endothal									
Endrin	0.76 (18)	0.81 (18)	0.036	0.086		0.81 (18)	0.0023 (114)	0.037	
Endrin aldehyde	0.76	0.81				0.81			
Epichlorohydrin									
EPN									
Estradiol 17B									
Ethane									
Ethanol									
Ethanolamine									
Ethephon									
Ethion									
2-Ethoxyethanol									
2-Ethoxyethyl acetate									
Ethyl acetate									
Ethyl acrylate									
Ethylamine									
Ethyl n-amyl ketone									
Ethylbenzene	3100 (143)	29,000 (143)				29,000 (143)			
Ethyl bromide									
Ethyl-4,4'-dichlorobenzilate									
S-Ethyl dipropylthiocarbamate									
Ethylene									
Ethylenediamine									
Ethylene glycol									
Ethylene glycol monobutyl ether									
Ethyleneimine									
Ethylene oxide (ETO)									
Ethylene thiourea (ETU)									
Ethyl ether									
Ethyl formate									
Ethyl mercaptan									
Ethylphthalyl ethylglycolate									

WATER QUALITY LIMITS FOR CONSTITUENTS AND PARAMETERS (in ug/l or ppb unless noted)

CONSTITUENT or PARAMETER	USEPA National Recommended Ambient Water Quality Criteria unless noted											
	for Human Health and Welfare Protection					for Freshwater Aquatic Life Protection						
	Non-Cancer Health Effects		One-in-a-Million Cancer Risk Estimate			Recommended Criteria				Toxicity Information (Lowest Observed Effect Level)		
	Sources of Drinking Water (water+organisms)	Other Waters (aquatic organism consumption only)	Sources of Drinking Water (water+organisms)	Other Waters (aquatic organism consumption only)	Taste & Odor or Welfare	Continuous Concentration (4-day Average)	24-hour Average	Maximum Concentration (1-hour Average)	Instantaneous Maximum	Acute	Chronic	Other
1,6-Dinitropyrene												
1,8-Dinitropyrene												
2,4-Dinitrotoluene			0.11 (188)	3.4 (188)						330 (53)	230 (53)	
2,6-Dinitrotoluene										330 (53)	230 (53)	
Dinitrotoluenes										330	230	
Dinoseb												
Di(n-octyl) phthalate										940 (45)	3 (45)	
1,4-Dioxane												
Diphenamid(e)												
Diphenylamine												
1,2-Diphenylhydrazine			0.036 (188)	0.2 (188)						270		
Diquat									0.5 (54)			
Direct Black 38												
Direct Blue 6												
Direct Brown 95												
Disodium cyanodithioimidocarbonate												
Disperse Blue 1												
Disulfoton									0.05 (54)			
1,4-Dithiane												
Diuron												
Dodine												
Electrical Conductivity at 25°C												
Endosulfan	62 (115)	89 (115)				0.056 (114,115)				0.22 (115)		
Endosulfan sulfate	62	89					0.056 (104)					
Endothal												
Endrin	0.059	0.06				0.036 (139)		0.086				
Endrin aldehyde	0.29	0.3										
Epichlorohydrin												
EPN												
Estradiol 17B												
Ethane												
Ethanol												
Ethanolamine												
Ethephon												
Ethion									0.02 (54)			
2-Ethoxyethanol												
2-Ethoxyethyl acetate												
Ethyl acetate												
Ethyl acrylate												
Ethylamine												
Ethyl n-amyl ketone												
Ethylbenzene	530	2100								32,000		
Ethyl bromide												
Ethyl-4,4'-dichlorobenzilate												
S-Ethyl dipropylthiocarbamate												
Ethylene												
Ethylenediamine												
Ethylene glycol												
Ethylene glycol monobutyl ether												
Ethyleneimine												
Ethylene oxide (ETO)												
Ethylene thiourea (ETU)												
Ethyl ether												
Ethyl formate												
Ethyl mercaptan												
Ethylphthalyl ethylglycolate	86,000 (68)	5,080,000 (68)								940 (45)	3 (45)	

WATER QUALITY LIMITS FOR CONSTITUENTS AND PARAMETERS (in ug/l or ppb unless noted)

CONSTITUENT or PARAMETER	California Ocean Plan Numerical Water Quality Objectives						USEPA National Recommended Ambient Water Quality Criteria for Saltwater Aquatic Life Protection						
	Human Health (30-day Average) aquatic organism consumption only	Marine Aquatic Life Protection					Recommended Criteria				Toxicity Information (Lowest Observed Effect Level)		
		6-month Median	30-day Average	7-day Average	Daily Maximum	Instantaneous Maximum	Continuous Concentration (4-day Average)	24-hour Average	Maximum Concentration (1-hour Average)	Instantaneous Maximum	Acute	Chronic	Other
1,6-Dinitropyrene													
1,8-Dinitropyrene													
2,4-Dinitrotoluene	2.6 (188)									590 (53)		370 (53,82)	
2,6-Dinitrotoluene										590 (53)		370 (53,82)	
Dinitrotoluenes										590		370 (82)	
Dinoseb													
Di(n-octyl) phthalate													
1,4-Dioxane										2944 (45)		3.4 (38,45)	
Diphenamid(e)													
Diphenylamine													
1,2-Diphenylhydrazine	0.16 (188)												
Diquat													
Direct Black 38													
Direct Blue 6													
Direct Brown 95													
Disodium cyanodithioimidocarbonate													
Disperse Blue 1													
Disulfoton													
1,4-Dithiane													
Diuron													
Dodine													
Electrical Conductivity at 25°C													
Endosulfan		0.009 (42)			0.018 (42)	0.027 (42)	0.0087 (114,115)			0.034 (115)			
Endosulfan sulfate		0.009 (42)			0.018 (42)	0.027 (42)		0.0087 (104)					
Endothal													
Endrin		0.002			0.004	0.006	0.0023 (114)			0.037 (154)			
Endrin aldehyde													
Epichlorohydrin													
EPN													
Estradiol 17B													
Ethane													
Ethanol													
Ethanolamine													
Ethephon													
Ethion													
2-Ethoxyethanol													
2-Ethoxyethyl acetate													
Ethyl acetate													
Ethyl acrylate													
Ethylamine													
Ethyl n-amyl ketone													
Ethylbenzene	4100									430			
Ethyl bromide													
Ethyl-4,4'-dichlorobenzilate													
S-Ethyl dipropylthiocarbamate													
Ethylene													
Ethylenediamine													
Ethylene glycol													
Ethylene glycol monobutyl ether													
Ethyleneimine													
Ethylene oxide (ETO)													
Ethylene thiourea (ETU)													
Ethyl ether													
Ethyl formate													
Ethyl mercaptan													
Ethylphthalyl ethylglycolate										2944 (45)		3.4 (38,45)	

WATER QUALITY LIMITS FOR CONSTITUENTS AND PARAMETERS (in ug/l or ppb unless noted)

CONSTITUENT or PARAMETER	Chemical Abstracts Service Registry Number	Synonyms and Abbreviations	
1,6-Dinitropyrene	42397-64-8		
1,8-Dinitropyrene	42397-65-9		
2,4-Dinitrotoluene	121-14-2		
2,6-Dinitrotoluene	606-20-2		
Dinitrotoluenes	25321-14-6	Toluenes, dinitro-	
Dinoseb	88-85-7	DNBP	
Di(n-octyl) phthalate	117-84-0	Bis-n-octyl phthalate	a phthalic acid ester (PAE)
1,4-Dioxane	123-91-1	p-Dioxane	Diethylene ether
Diphenamid(e)	957-51-7	Diphenamide	
Diphenylamine	122-39-4		
1,2-Diphenylhydrazine	122-66-7	Hydrazobenzene	
Diquat	85-00-7	Aquacide	Reglone
Direct Black 38	1937-37-7	2-Naphthalenesulfonic acid	
Direct Blue 6	2602-46-2	Diazine blue	
Direct Brown 95	16071-86-6		
Disodium cyanodithioimidocarbonate	138-93-2	Disodium cyanodithiocarbamate	Disodium cyanodithioamidecarbonate
Disperse Blue 1	2475-45-8	1,4,5,8-Tetraminoanthraquinone	
Disulfoton	298-04-4	Disyston	Ethylthiodemeton
1,4-Dithiane	505-29-3		
Diuron	330-54-1	Crisuron	Dialon
Dodine	2439-10-3	Dodecylguanidine acetate	Karmex
Electrical Conductivity at 25°C		Specific conductance	Conductivity
Endosulfan	115-29-7	Endosulfan I (alpha)	Endosulfan II (beta)
Endosulfan sulfate	1031-07-8		Thiodan
Endothal	145-73-3	Endothall	
Endrin	72-20-8	Endrex	Hexadrin
Endrin aldehyde	7421-93-4		
Epichlorohydrin	106-89-8	Chloropropylene	1-Chloro-2,3-epoxypropane
EPN	2104-64-5	Ethyl p-nitrophenyl phenylphosphorothioate	
Estradiol 17B	50-28-2	Altrad	Baridol
Ethane	74-84-0		Femogen
Ethanol	64-17-5	Ethyl alcohol	
Ethanolamine	141-43-5	2-Aminoethanol	MEA
Ethephon	16672-87-0	2-Chloroethylphosphonic acid	Monoethanolamine
Ethion	563-12-2	Diethion	
2-Ethoxyethanol	110-80-5	Ethylene glycol monoethyl ether	EGEE
2-Ethoxyethyl acetate	111-15-9	Ethylene glycol monoethyl ether acetate	EGEEA
Ethyl acetate	141-78-6		2-Ethoxyethanol acetate
Ethyl acrylate	140-88-5		
Ethylamine	75-04-7	Aminoethane	
Ethyl n-amyl ketone	106-68-3	EAK	5-Methyl-3-heptanone
Ethylbenzene	100-41-4	Phenylethane	
Ethyl bromide	74-96-4	Bromoethane	
Ethyl-4,4'-dichlorobenzilate	510-15-6	Chlorobenzilate	
S-Ethyl dipropylthiocarbamate	759-94-4	EPTC	Eptam
Ethylene	74-85-1		Ethyl dipropylthiocarbamate
Ethylenediamine	107-15-3	1,2-Diaminoethane	
Ethylene glycol	107-21-1	1,2-Ethane diol	
Ethylene glycol monobutyl ether	111-76-2	2-Butoxy ethanol	Ethylene glycol butyl ether
Ethyleneimine	151-56-4	Aziridine	EGBE
Ethylene oxide (ETO)	75-21-8	ETO	Epoxethane
Ethylene thiourea (ETU)	96-45-7	ETU	Oxirane
Ethyl ether	60-29-7		
Ethyl formate	109-94-4		
Ethyl mercaptan	75-08-1	Ethanethiol	
Ethylphthalyl ethylglycolate	84-72-0	EPEG	Ethyl carbethoxymethyl phthalate
			a phthalic acid ester (PAE)

WATER QUALITY LIMITS FOR CONSTITUENTS AND PARAMETERS (in ug/l or ppb unless noted)

CONSTITUENT or PARAMETER	Drinking Water Standards (California & Federal) Maximum Contaminant Levels (MCLs)					California Public Health Goal (PHG) in Drinking Water (Office of Environmental Health Hazard Assessment; OEHA)	California State Notification Level (formerly Action Level) and Response Level for Drinking Water (CDPH) (191)	Agricultural Water Quality Limits (78)	Taste & Odor Threshold (see also Secondary MCL and National Recommended Water Quality Criteria)
	California Department of Public Health (CDPH)		U.S. Environmental Protection Agency (USEPA)						
	Primary MCL	Secondary MCL	Primary MCL	Secondary MCL	MCL Goal				
Express									
Fenamiphos									
Ferbam									
Fluometuron									
Fluoranthene									
Fluorene									
Fluoride	2000 (109)		4000	2000	4000 (195)	1000	1000		
Fluridone									
Flurprimidol									
Flutolanil									
Fluvalinate									
Foaming agents (MBAS)		500		500					
Folpet									
Fomesafen									
Fonofos									
Formaldehyde							100 / 1000 (191)	600 (126)	
Formic acid								1,700,000 (126)	
2-(2-Formylhydrazino)- 4-(5-nitro-2-furyl)thiazole									
Fosetyl-al									
Furan									
Furfural								3500 (126)	
Furmecyclox									
Gasoline								5 (55)	
Glufosinate-ammonium									
Glu-P-1									
Glu-P-2									
Glycidaldehyde									
Glycidol									
Glyphosate	700		700		700	900			
Griseofluvin									
Gyromitrin									
Haloethers									
Halomethanes	80 (19)		80 (19)						
Halothane								290 (126)	
Haloxyfop-methyl									
Harmony									
HC Blue 1									
Heptachlor	0.01		0.4		0 (185)	0.008 (188)			
Heptachlor epoxide	0.01		0.2		0 (185)	0.006 (188)			
2,3,3',4,4',5,5'-Heptachloro biphenyl									
1,2,3,4,6,7,8-Heptachloro dibenzo-p-dioxin									
1,2,3,4,6,7,8-Heptachloro dibenzofuran									
1,2,3,4,7,8,9-Heptachloro dibenzofuran									
Heptane								7.3 (126)	
Hexabromobenzene									
2,2',4,4',5,5'-Hexabromo diphenyl ether									
Hexachlorobenzene	1		1		0 (185)	0.03 (188)			
2,3,3',4,4',5'-Hexachlorobiphenyl									
2,3,3',4,4',5'-Hexachlorobiphenyl									
2,3',4,4',5,5'-Hexachlorobiphenyl									

WATER QUALITY LIMITS FOR CONSTITUENTS AND PARAMETERS (in ug/l or ppb unless noted)

CONSTITUENT or PARAMETER	USEPA Integrated Risk Information System (IRIS) Reference Dose as a Drinking Water Level (60)	Drinking Water Health Advisories or Suggested No-Adverse-Response Levels (SNARLs) for toxicity other than cancer risk		One-in-a-Million Incremental Cancer Risk Estimates for Drinking Water				California Proposition 65 Safe Harbor Level (OEHHA) as a Drinking Water Level (14)	
		USEPA	National Academy of Sciences (NAS)	Cal/EPA Cancer Potency Factor as a Drinking Water Level (102)	USEPA Integrated Risk Information System (IRIS)	USEPA Drinking Water Health Advisory or SNARL	National Academy of Sciences (NAS)	No Significant Risk Level (one-in-100,000 cancer risk)	Maximum Allowable Dose Level for Reproductive Toxicity
Express	56								
Fenamiphos	1.8	0.7 (167)				(E,167)			
Ferbam			87.5						
Fluometuron	91	90				(D)			
Fluoranthene	280				(D)				
Fluorene	280				(D)	(D)			
Fluoride	420 (194)	420 (166,194)							
Fluridone	560								
Flurprimidol	140								
Flutolanil	420								
Fluvalinate	70								(189)
Foaming agents (MBAS)									
Folpet	700		1120		10 (B2)			100 (188)	
Fomesafen					0.2 (C)				
Fonofos	14	10				(N,167)			
Formaldehyde	1400	1000 (166)			(B1,119)	(B1,119)		20 (124,188)	
Formic acid									
2-(2-Formylhydrazino)- 4-(5-nitro-2-furyl)thiazole				0.015				0.15 (188)	
Fosetyl-al	2100				(C)				
Furan	7							(188)	
Furfural	21								
Furmecyclox				1.2	1 (B2)			10 (188)	
Gasoline		5 (68,107)		21 (146)					
Glufosinate-ammonium	3								
Glu-P-1				0.0073				0.05 (188)	
Glu-P-2				0.025				0.25 (188)	
Glycidaldehyde	2.8 (147)				(B2)			(188)	
Glycidol								0.2 (68,188)	
Glyphosate	700	14,000 (168)			(D)	(D)			
Griseofluvin								25 (68,188)	
Gyromitrin	280 (68)			0.0035				0.035 (188)	
Haloethers									
Halomethanes									
Halothane									(189)
Haloxypop-methyl	0.35								
Harmony	91								
HC Blue 1				0.69				5 (188)	
Heptachlor	3.5	10 (10-day)		0.0085	0.008 (B2)	0.008 (B2)	0.012	0.1 (188)	(189)
Heptachlor epoxide		10 (24-hr)		0.0064	0.004 (B2)	0.004 (B2)		0.04 (188)	
2,3,3',4,4',5,5'-Heptachloro biphenyl				0.0027				(188)	
1,2,3,4,6,7,8-Heptachloro dibenzo-p-dioxin				0.000027				(188)	
1,2,3,4,6,7,8-Heptachloro dibenzofuran				0.000027				(188)	
1,2,3,4,7,8,9-Heptachloro dibenzofuran				0.000027				(188)	
Heptane					(D)				
Hexabromobenzene	14 (147)								
2,2',4,4',5,5'-Hexabromo diphenyl ether	1.4				(I)				
Hexachlorobenzene	5.6	50 (10-day)	30 (7-day)	0.019	0.02 (B2)	0.02 (B2)	0.017	0.2 (188)	(189)
2,3,3',4,4',5',5'-Hexachlorobiphenyl				0.00054				(188)	
2,3,3',4,4',5'-Hexachlorobiphenyl				0.00054				(188)	
2,3',4,4',5,5'-Hexachlorobiphenyl				0.027				(188)	

WATER QUALITY LIMITS FOR CONSTITUENTS AND PARAMETERS (in ug/l or ppb unless noted)

CONSTITUENT or PARAMETER	California Toxics Rule Criteria (USEPA) unless noted								
	Inland Surface Waters					Enclosed Bays & Estuaries			
	Human Health (30-day Average)		Freshwater Aquatic Life Protection			Human Health (30-day Average) aquatic organism consumption only		Saltwater Aquatic Life Protection	
	Drinking Water Sources (consumption of water and aquatic organisms)	Other Waters (aquatic organism consumption only)	Continuous Concentration (4-day Average)	Maximum Concentration (1-hour Average)	Instantaneous Maximum	Continuous Concentration (4-day Average)	Maximum Concentration (1-hour Average)	Instantaneous Maximum	
Express									
Fenamiphos									
Ferbam									
Fluometuron									
Fluoranthene	300	370				370			
Fluorene	1300	14,000				14,000			
Fluoride									
Fluridone									
Flurprimidol									
Flutolanil									
Fluvalinate									
Foaming agents (MBAS)									
Folpet									
Fomesafen									
Fonofos									
Formaldehyde									
Formic acid									
2-(2-Formylhydrazino)- 4-(5-nitro-2-furyl)thiazole									
Fosetyl-al									
Furan									
Furfural									
Furmecyclox									
Gasoline									
Glufosinate-ammonium									
Glu-P-1									
Glu-P-2									
Glycidaldehyde									
Glycidol									
Glyphosate									
Griseofluvin									
Gyromitrin									
Haloethers									
Halomethanes									
Halothane									
Haloxypop-methyl									
Harmony									
HC Blue 1									
Heptachlor	0.00021 (113,188)	0.00021 (113,188)	0.0038 (114)		0.52	0.00021 (113,188)	0.0036 (114)	0.053	
Heptachlor epoxide	0.0001 (113,188)	0.00011 (113,188)	0.0038 (114)		0.52	0.00011 (113,188)	0.0036 (114)	0.053	
2,3,3',4,4',5,5'-Heptachloro biphenyl									
1,2,3,4,6,7,8-Heptachloro dibenzo-p-dioxin	0.0000013 (113,144)	0.0000014 (113,144)				0.0000014 (113,144)			
1,2,3,4,6,7,8-Heptachloro dibenzofuran	0.0000013 (113,144)	0.0000014 (113,144)				0.0000014 (113,144)			
1,2,3,4,7,8,9-Heptachloro dibenzofuran	0.0000013 (113,144)	0.0000014 (113,144)							
Heptane									
Hexabromobenzene									
2,2',4,4',5,5'-Hexabromo diphenyl ether									
Hexachlorobenzene	0.00075 (113,188)	0.00077 (113,188)				0.00077 (113,188)			
2,3,3',4,4',5'-Hexachlorobiphenyl									
2,3,3',4,4',5'-Hexachlorobiphenyl									
2,3',4,4',5,5'-Hexachlorobiphenyl									

WATER QUALITY LIMITS FOR CONSTITUENTS AND PARAMETERS (in ug/l or ppb unless noted)

CONSTITUENT or PARAMETER	USEPA National Recommended Ambient Water Quality Criteria unless noted											
	for Human Health and Welfare Protection					for Freshwater Aquatic Life Protection						
	Non-Cancer Health Effects		One-in-a-Million Cancer Risk Estimate			Recommended Criteria				Toxicity Information (Lowest Observed Effect Level)		
	Sources of Drinking Water (water+organisms)	Other Waters (aquatic organism consumption only)	Sources of Drinking Water (water+organisms)	Other Waters (aquatic organism consumption only)	Taste & Odor or Welfare	Continuous Concentration (4-day Average)	24-hour Average	Maximum Concentration (1-hour Average)	Instantaneous Maximum	Acute	Chronic	Other
Express												
Fenamiphos												
Ferbam												
Fluometuron												
Fluoranthene	130	140								3980		
Fluorene	1100	5300										
Fluoride												
Fluridone												
Flurprimidol												
Flutolanil												
Fluvalinate												
Foaming agents (MBAS)												
Folpet												
Fomesafen												
Fonofos												
Formaldehyde												
Formic acid												
2-(2-Formylhydrazino)- 4-(5-nitro-2-furyl)thiazole												
Fosetyl-al												
Furan												
Furfural												
Furmecycloz												
Gasoline												
Glufosinate-ammonium												
Glu-P-1												
Glu-P-2												
Glycidaldehyde												
Glycidol												
Glyphosate												
Griseofluvin												
Gyromitrin												
Haloethers										360	122	
Halomethanes										11,000		
Halothane												
Haloxypop-methyl												
Harmony												
HC Blue 1												
Heptachlor			0.000079 (188)	0.000079 (188)		0.0038 (114)			0.52 (154)			
Heptachlor epoxide			0.000039 (188)	0.000039 (188)		0.0038 (114)			0.52 (154)			
2,3,3',4,4',5,5'-Heptachloro biphenyl												
1,2,3,4,6,7,8-Heptachloro dibenzo-p-dioxin												
1,2,3,4,6,7,8-Heptachloro dibenzofuran												
1,2,3,4,7,8,9-Heptachloro dibenzofuran												
Heptane												
Hexabromobenzene												
2,2',4,4',5,5'-Hexabromo diphenyl ether										360 (58)	122 (58)	
Hexachlorobenzene			0.00028 (188)	0.00029 (188)						250 (22)		50 (22,23)
2,3,3',4,4',5'-Hexachlorobiphenyl												
2,3,3',4,4',5'-Hexachlorobiphenyl												
2,3',4,4',5,5'-Hexachlorobiphenyl												

WATER QUALITY LIMITS FOR CONSTITUENTS AND PARAMETERS (in ug/l or ppb unless noted)

CONSTITUENT or PARAMETER	California Ocean Plan Numerical Water Quality Objectives						USEPA National Recommended Ambient Water Quality Criteria for Saltwater Aquatic Life Protection							
	Human Health (30-day Average) aquatic organism consumption only	Marine Aquatic Life Protection					Recommended Criteria				Toxicity Information (Lowest Observed Effect Level)			
		6-month Median	30-day Average	7-day Average	Daily Maximum	Instantaneous Maximum	Continuous Concentration (4-day Average)	24-hour Average	Maximum Concentration (1-hour Average)	Instantaneous Maximum	Toxicity Information			
											Acute	Chronic	Other	
Express														
Fenamiphos														
Ferbam														
Fluometuron														
Fluoranthene	15										40	16		
Fluorene	0.0088 (33,188)										300 (52)			
Fluoride														
Fluridone														
Flurprimidol														
Flutolanil														
Fluvalinate														
Foaming agents (MBAS)														
Folpet														
Fomesafen														
Fonofos														
Formaldehyde														
Formic acid														
2-(2-Formylhydrazino)- 4-(5-nitro-2-furyl)thiazole														
Fosetyl-al														
Furan														
Furfural														
Furmecyclox														
Gasoline														
Glufosinate-ammonium														
Glu-P-1														
Glu-P-2														
Glycidaldehyde														
Glycidol														
Glyphosate														
Griseofluvin														
Gyromitrin														
Haloethers														
Halomethanes	130 (13,188)										12,000	6400	11,500 (82)	
Halothane														
Haloxypop-methyl														
Harmony														
HC Blue 1														
Heptachlor	0.00005 (188)						0.0036 (114)				0.053 (154)			
Heptachlor epoxide	0.00002 (188)						0.0036 (114)				0.053 (154)			
2,3,3',4,4',5,5'-Heptachloro biphenyl														
1,2,3,4,6,7,8-Heptachloro dibenzo-p-dioxin	0.00000039 (76,188)													
1,2,3,4,6,7,8-Heptachloro dibenzofuran	0.00000039 (76,188)													
1,2,3,4,7,8,9-Heptachloro dibenzofuran	0.00000039 (76,188)													
Heptane														
Hexabromobenzene														
2,2',4,4',5,5'-Hexabromo diphenyl ether														
Hexachlorobenzene	0.00021 (188)										160 (22)	129 (22)		
2,3,3',4,4',5'-Hexachlorobiphenyl														
2,3,3',4,4',5-Hexachlorobiphenyl														
2,3',4,4',5,5'-Hexachlorobiphenyl														

WATER QUALITY LIMITS FOR CONSTITUENTS AND PARAMETERS (in ug/l or ppb unless noted)

CONSTITUENT or PARAMETER	Chemical Abstracts Service Registry Number	Synonyms and Abbreviations		
Express	101200-48-0	IN L5300		
Fenamiphos	22224-92-6	Nemacur	Phenamiphos	
Ferbam	14484-64-1	Fermate		
Fluometuron	2164-17-2	Cotoron	Cottonex	Lanex
Fluoranthene	206-44-0			a polynuclear aromatic hydrocarbon
Fluorene	86-73-7			a polynuclear aromatic hydrocarbon
Fluoride	16984-48-8	F-	Fluorine, soluble	
Fluridone	59756-60-4	Sonar		
Flurprimidol	56425-91-3	Cutlass		
Flutolanil	66332-96-5	Moncut		
Fluvalinate	69409-94-5	Mavrik		
Foaming agents (MBAS)		Methylene blue active substances	MBAS	
Folpet	133-07-3	Folpan		
Fomesafen	72178-02-0			
Fonofos	944-22-9	Difonate	Dyfonate	Dyphonate
Formaldehyde	50-00-0	Methanal		
Formic acid	64-18-6			
2-(2-Formylhydrazino)- 4-(5-nitro-2-furyl)thiazole	3570-75-0	Nifurthiazole	FNT	
Fosetyl-al	39148-24-8	Aliette		
Furan	110-00-9	Furfuran		
Furfural	98-01-1			
Furmecyclox	60568-05-0	Epic 500	Campogran	Furmetamide
Gasoline	8006-61-9			a petroleum hydrocarbon
Glufosinate-ammonium	77182-82-2	Hoe 39866	Basta	
Glu-P-1	67730-11-4	2-Amino-6-methyldipyrdo[1,2-a:3',2'-d]-imidazole		
Glu-P-2	67730-10-3	2-Aminopyrido[1,2-a:3',2'-d]-imidazole		
Glycidaldehyde	765-34-4			
Glycidol	556-52-5			
Glyphosate	1071-83-6	Roundup	Glyphosate isopropylamine salt	Rodeo
Griseofluvin	126-07-8			
Gyromitrin	16568-02-8	Acetaldehyde methylformylhydrazone		
Haloethers		Ethers, halo-		
Halomethanes		Methanes, halo-		
Halothane	151-67-7	2-Bromo-2-chloro-1,1,1-trifluoroethane		
Haloxypop-methyl	69806-40-2	Verdict		
Harmony	79277-27-3	DPX-M6316		
HC Blue 1	2784-94-3			
Heptachlor	76-44-8			
Heptachlor epoxide	1024-57-3			
2,3,3',4,4',5,5'-Heptachloro biphenyl	39635-31-9	PCB 189	a polychlorinated biphenyl	a dioxin-like compound
1,2,3,4,6,7,8-Heptachloro dibenzo-p-dioxin	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzodioxin	1,2,3,4,6,7,8-HpCDD	a dioxin-like compound
1,2,3,4,6,7,8-Heptachloro dibenzofuran	67562-39-4	1,2,3,4,6,7,8-HpCDF	a dioxin-like compound	
1,2,3,4,7,8,9-Heptachloro dibenzofuran	55673-89-7	1,2,3,4,7,8,9-HpCDF	a dioxin-like compound	
Heptane	142-82-5			
Hexabromobenzene	87-82-1			
2,2',4,4',5,5'-Hexabromo diphenyl ether	68631-49-2	BBDE-153	PBDE-153	
Hexachlorobenzene	118-74-1	Perchlorobenzene	HCB	
2,3,3',4,4',5'-Hexachlorobiphenyl	69782-90-7	PCB 157	a polychlorinated biphenyl	a dioxin-like compound
2,3,3',4,4',5'-Hexachlorobiphenyl	38380-08-4	PCB 156	a polychlorinated biphenyl	a dioxin-like compound
2,3',4,4',5,5'-Hexachlorobiphenyl	52663-72-6	PCB 167	a polychlorinated biphenyl	a dioxin-like compound

WATER QUALITY LIMITS FOR CONSTITUENTS AND PARAMETERS (in ug/l or ppb unless noted)

CONSTITUENT or PARAMETER	Drinking Water Standards (California & Federal) Maximum Contaminant Levels (MCLs)					California Public Health Goal (PHG) in Drinking Water (Office of Environmental Health Hazard Assessment; OEHA)	California State Notification Level (formerly Action Level) and Response Level for Drinking Water (CDPH) (191)	Agricultural Water Quality Limits (78)	Taste & Odor Threshold (see also Secondary MCL and National Recommended Water Quality Criteria)
	California Department of Public Health (CDPH)		U.S. Environmental Protection Agency (USEPA)						
	Primary MCL	Secondary MCL	Primary MCL	Secondary MCL	MCL Goal				
3,3',4,4',5,5'-Hexachlorobiphenyl									
Hexachlorobutadiene									
Hexachlorocyclopentadiene	50		50	8 (68)	50	50		7.7 (126)	
Hexachlorodibenzo-p-dioxin									
1,2,3,4,7,8-Hexachloro dibenzo-p-dioxin									
1,2,3,6,7,8-Hexachloro dibenzo-p-dioxin									
1,2,3,7,8,9-Hexachloro dibenzo-p-dioxin									
1,2,3,4,7,8-Hexachloro dibenzofuran									
1,2,3,7,8,9-Hexachloro dibenzofuran									
1,2,3,6,7,8-Hexachloro dibenzofuran									
2,3,4,6,7,8-Hexachloro dibenzofuran									
Hexachloroethane								10 (126)	
Hexachlorophene									
Hexamethylphosphoramide									
n-Hexane								6.4 (126)	
Hexazinone									
HMX							350 / 3500 (191)		
Hydrazine								160,000 (126)	
Hydrazine sulfate									
Hydrogen selenide								2.1 (126)	
Hydrogen sulfide								0.029 (126)	
Imazalil									
Imazaquin									
Indene								0.26 (126)	
Indeno(1,2,3-c,d)pyrene									
Iodide									
Iodoform								11 (126)	
Iprodione									
IQ									
Iron		300		300			5000		
Isoamyl acetate								17 (126)	
Isoamyl alcohol								270 (126)	
Isobutyl acetate								150 (126)	
Isobutyl alcohol								10,000 (126)	
Isobutyl nitrite									
Isophorone								5400 (126)	
Isopropalin									
Isopropanol								160,000 (126)	
Isopropyl acetate								1000 (126)	
Isopropylamine								4900 (126)	
Isopropyl ether								0.8 (126)	
Isopropyl methyl phosphonic acid									
Isoxaben									
Kepone									
Kerosene								100 (49)	
Lactofen									
Lasiocarpine									
Lead	15 (111)		15 (111)		0 (185)	2 / 0.2 (68)	5000		
Lead acetate									

WATER QUALITY LIMITS FOR CONSTITUENTS AND PARAMETERS (in ug/l or ppb unless noted)

CONSTITUENT or PARAMETER	USEPA Integrated Risk Information System (IRIS) Reference Dose as a Drinking Water Level (60)	Drinking Water Health Advisories or Suggested No-Adverse-Response Levels (SNARLs) for toxicity other than cancer risk		One-in-a-Million Incremental Cancer Risk Estimates for Drinking Water				California Proposition 65 Safe Harbor Level (OEHA) as a Drinking Water Level (14)	
		USEPA	National Academy of Sciences (NAS)	Cal/EPA Cancer Potency Factor as a Drinking Water Level (102)	USEPA Integrated Risk Information System (IRIS)	USEPA Drinking Water Health Advisory or SNARL	National Academy of Sciences (NAS)	No Significant Risk Level (one-in-100,000 cancer risk)	Maximum Allowable Dose Level for Reproductive Toxicity
3,3',4,4',5,5'-Hexachlorobiphenyl				0.000027				(188)	
Hexachlorobutadiene		2 (60)			0.5 (C)	0.9 (L)			
Hexachlorocyclopentadiene	42				(E)	(N,166)			
Hexachlorodibenzo-p-dioxin				0.000011 (120)	0.000006 (B2)			0.0001 (188)	
1,2,3,4,7,8-Hexachloro dibenzo-p-dioxin				0.0000027				(188)	
1,2,3,6,7,8-Hexachloro dibenzo-p-dioxin				0.0000027				(188)	
1,2,3,7,8,9-Hexachloro dibenzo-p-dioxin				0.0000027				(188)	
1,2,3,4,7,8-Hexachloro dibenzofuran				0.0000027				(188)	
1,2,3,7,8,9-Hexachloro dibenzofuran				0.0000027				(188)	
1,2,3,6,7,8-Hexachloro dibenzofuran				0.0000027				(188)	
2,3,4,6,7,8-Hexachloro dibenzofuran				0.0000027				(188)	
Hexachloroethane	0.7	1		0.9	3 (C)	3 (C,166)		10 (188)	
Hexachlorophene	2		7						
Hexamethylphosphoramide								0.005 (68,188)	(189)
n-Hexane		4000 (10-day)			(I)	(I)			
Hexazinone	230	400 (167)				(D)			
HMX	350	400			(D)	(D)			
Hydrazine				0.012	0.01 (B2)			0.02 (188)	
Hydrazine sulfate				0.012	0.01 (B2)			0.1 (188)	
Hydrogen selenide									
Hydrogen sulfide									
Imazalil	91								
Imazaquin	1800								
Indene									
Indeno(1,2,3-c,d)pyrene				0.04 (93)	(B2)	(B2)		(188)	
Iodide			1190						
Iodoform									
Iprodione	280							(188)	
IQ				0.025				0.25 (188)	
Iron									
Isoamyl acetate									
Isoamyl alcohol									
Isobutyl acetate									
Isobutyl alcohol	2100								
Isobutyl nitrite								3.7 (188)	
Isophorone	140	100			40 (C)	40 (C)			
Isopropalin	100								
Isopropanol									
Isopropyl acetate									
Isopropylamine									
Isopropyl ether									
Isopropyl methyl phosphonic acid	700 (147)	700			(D)	(D)			
Isoxaben	35				(C)				
Kepone	0.21 (68)			0.0022	(S,68)		0.011	0.02 (188)	(189)
Kerosene		100 (10-day,49)							
Lactofen	14							2 (68,188)	
Lasiocarpine				0.0045				0.045 (188)	
Lead				4.1	(B2)	(B2)		7.5 (188)	0.25 (189)
Lead acetate				0.13	(B2)			11.5 (188)	

WATER QUALITY LIMITS FOR CONSTITUENTS AND PARAMETERS (in ug/l or ppb unless noted)

CONSTITUENT or PARAMETER	California Toxics Rule Criteria (USEPA) unless noted									
	Inland Surface Waters					Enclosed Bays & Estuaries				
	Human Health (30-day Average)		Freshwater Aquatic Life Protection			Human Health (30-day Average) aquatic organism consumption only			Saltwater Aquatic Life Protection	
	Drinking Water Sources (consumption of water and aquatic organisms)	Other Waters (aquatic organism consumption only)	Continuous Concentration (4-day Average)	Maximum Concentration (1-hour Average)	Instantaneous Maximum	Continuous Concentration (4-day Average)	Maximum Concentration (1-hour Average)	Instantaneous Maximum		
3,3',4,4',5,5'-Hexachlorobiphenyl										
Hexachlorobutadiene	0.44 (113,143)	50 (113,143)				50 (113,143)				
Hexachlorocyclopentadiene	240 (143)	17,000 (143)				17,000 (143)				
Hexachlorodibenzo-p-dioxin										
1,2,3,4,7,8-Hexachloro dibenzo-p-dioxin	0.00000013 (113,144)	0.00000014 (113,144)				0.00000014 (113,144)				
1,2,3,6,7,8-Hexachloro dibenzo-p-dioxin	0.00000013 (113,144)	0.00000014 (113,144)				0.00000014 (113,144)				
1,2,3,7,8,9-Hexachloro dibenzo-p-dioxin	0.00000013 (113,144)	0.00000014 (113,144)				0.00000014 (113,144)				
1,2,3,4,7,8-Hexachloro dibenzofuran	0.00000013 (113,144)	0.00000014 (113,144)				0.00000014 (113,144)				
1,2,3,7,8,9-Hexachloro dibenzofuran	0.00000013 (113,144)	0.00000014 (113,144)				0.00000014 (113,144)				
1,2,3,6,7,8-Hexachloro dibenzofuran	0.00000013 (113,144)	0.00000014 (113,144)				0.00000014 (113,144)				
2,3,4,6,7,8-Hexachloro dibenzofuran	0.00000013 (113,144)	0.00000014 (113,144)				0.00000014 (113,144)				
Hexachloroethane	1.9 (113,143)	8.9 (113,143)				8.9 (113,143)				
Hexachlorophene										
Hexamethylphosphoramide										
n-Hexane										
Hexazinone										
HMX										
Hydrazine										
Hydrazine sulfate										
Hydrogen selenide										
Hydrogen sulfide										
Imazail										
Imazaquin										
Indene										
Indeno(1,2,3-c,d)pyrene	0.0044 (113,188)	0.049 (113,188)				0.049 (113,188)				
Iodide										
Iodoform										
Iprodione										
IQ										
Iron										
Isoamyl acetate										
Isoamyl alcohol										
Isobutyl acetate										
Isobutyl alcohol										
Isobutyl nitrite										
Isophorone	8.4 (113,143)	600 (113,143)				600 (113,143)				
Isopropalin										
Isopropanol										
Isopropyl acetate										
Isopropylamine										
Isopropyl ether										
Isopropyl methyl phosphonic acid										
Isoxaben										
Kepone										
Kerosene										
Lactofen										
Lasiocarpine										
Lead			see page 24 (1,142)	see page 24 (1,142)			8.1 (1,142)	210 (1,142)		
Lead acetate										

WATER QUALITY LIMITS FOR CONSTITUENTS AND PARAMETERS (in ug/l or ppb unless noted)

CONSTITUENT or PARAMETER	USEPA National Recommended Ambient Water Quality Criteria unless noted											
	for Human Health and Welfare Protection					for Freshwater Aquatic Life Protection						
	Non-Cancer Health Effects		One-in-a-Million Cancer Risk Estimate			Recommended Criteria				Toxicity Information (Lowest Observed Effect Level)		
	Sources of Drinking Water (water+organisms)	Other Waters (aquatic organism consumption only)	Sources of Drinking Water (water+organisms)	Other Waters (aquatic organism consumption only)	Taste & Odor or Welfare	Continuous Concentration (4-day Average)	24-hour Average	Maximum Concentration (1-hour Average)	Instantaneous Maximum	Acute	Chronic	Other
3,3',4,4',5,5'-Hexachlorobiphenyl												
Hexachlorobutadiene			0.44 (188)	18 (188)						90	9.3	
Hexachlorocyclopentadiene	40	1100			1					7	5.2	
Hexachlorodibenzo-p-dioxin												
1,2,3,4,7,8-Hexachloro dibenzo-p-dioxin												
1,2,3,6,7,8-Hexachloro dibenzo-p-dioxin												
1,2,3,7,8,9-Hexachloro dibenzo-p-dioxin												
1,2,3,4,7,8-Hexachloro dibenzofuran												
1,2,3,7,8,9-Hexachloro dibenzofuran												
1,2,3,6,7,8-Hexachloro dibenzofuran												
2,3,4,6,7,8-Hexachloro dibenzofuran												
Hexachloroethane			1.4 (188)	3.3 (188)						980	540	
Hexachlorophene												
Hexamethylphosphoramide												
n-Hexane												
Hexazinone												
HMX												
Hydrazine												
Hydrazine sulfate												
Hydrogen selenide												
Hydrogen sulfide									2 (51)			
Imazalil												
Imazaquin												
Indene												
Indeno(1,2,3-c,d)pyrene			0.0038 (113)	0.018 (113)								
Iodide												
Iodoform										11,000 (20)		
Iprodione												
IQ												
Iron					300 (51)	1000 (51)						
Isoamyl acetate												
Isoamyl alcohol												
Isobutyl acetate												
Isobutyl alcohol												
Isobutyl nitrite												
Isophorone			35 (188)	960 (188)						117,000		
Isopropalin												
Isopropanol												
Isopropyl acetate												
Isopropylamine												
Isopropyl ether												
Isopropyl methyl phosphonic acid												
Isoxaben												
Kepone												
Kerosene												
Lactofen												
Lasiocarpine												
Lead									see page 24 (1)	see page 24 (1)		
Lead acetate												

WATER QUALITY LIMITS FOR CONSTITUENTS AND PARAMETERS (in ug/l or ppb unless noted)

CONSTITUENT or PARAMETER	California Ocean Plan Numerical Water Quality Objectives						USEPA National Recommended Ambient Water Quality Criteria for Saltwater Aquatic Life Protection							
	Human Health (30-day Average) aquatic organism consumption only	Marine Aquatic Life Protection					Recommended Criteria				Toxicity Information (Lowest Observed Effect Level)			
		6-month Median	30-day Average	7-day Average	Daily Maximum	Instantaneous Maximum	Continuous Concentration (4-day Average)	24-hour Average	Maximum Concentration (1-hour Average)	Instantaneous Maximum	Toxicity Information (Lowest Observed Effect Level)			
											Acute	Chronic	Other	
3,3',4,4',5,5'-Hexachlorobiphenyl														
Hexachlorobutadiene	14 (188)											32		
Hexachlorocyclopentadiene	58											7		
Hexachlorodibenzo-p-dioxin														
1,2,3,4,7,8-Hexachloro dibenzo-p-dioxin	0.000000039 (76,188)													
1,2,3,6,7,8-Hexachloro dibenzo-p-dioxin	0.000000039 (76,188)													
1,2,3,7,8,9-Hexachloro dibenzo-p-dioxin	0.000000039 (76,188)													
1,2,3,4,7,8-Hexachloro dibenzofuran	0.000000039 (76,188)													
1,2,3,7,8,9-Hexachloro dibenzofuran	0.000000039 (76,188)													
1,2,3,6,7,8-Hexachloro dibenzofuran	0.000000039 (76,188)													
2,3,4,6,7,8-Hexachloro dibenzofuran	0.000000039 (76,188)													
Hexachloroethane	2.5 (188)											940		
Hexachlorophene														
Hexamethylphosphoramide														
n-Hexane														
Hexazinone														
HMX														
Hydrazine														
Hydrazine sulfate														
Hydrogen selenide														
Hydrogen sulfide														
Imazalil												2 (51)		
Imazaquin														
Indene														
Indeno(1,2,3-c,d)pyrene	0.0088 (33,188)											300 (52)		
Iodide														
Iodoform												12,000 (20)	6400 (20)	11,500 (20,82)
Iprodione														
IQ														
Iron														
Isoamyl acetate														
Isoamyl alcohol														
Isobutyl acetate														
Isobutyl alcohol														
Isobutyl nitrite														
Isophorone	730 (188)											12,900		
Isopropalin														
Isopropanol														
Isopropyl acetate														
Isopropylamine														
Isopropyl ether														
Isopropyl methyl phosphonic acid														
Isoxaben														
Kepone														
Kerosene														
Lactofen														
Lasiocarpine														
Lead		2			8	20	8.1 (1)			210 (1)				
Lead acetate														

WATER QUALITY LIMITS FOR CONSTITUENTS AND PARAMETERS (in ug/l or ppb unless noted)

CONSTITUENT or PARAMETER	Chemical Abstracts Service Registry Number		Synonyms and Abbreviations	
3,3',4,4',5,5'-Hexachlorobiphenyl	32774-16-6	PCB 169	a polychlorinated biphenyl	a dioxin-like compound
Hexachlorobutadiene	87-68-3	Perchlorobutadiene	HCBD	
Hexachlorocyclopentadiene	77-47-4	HEX	HCCPD	
Hexachlorodibenzo-p-dioxin	19408-74-3	HxCDD		
1,2,3,4,7,8-Hexachloro dibenzo-p-dioxin	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzodioxin	1,2,3,4,7,8-HxCDD	a dioxin-like compound
1,2,3,6,7,8-Hexachloro dibenzo-p-dioxin	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzodioxin	1,2,3,6,7,8-HxCDD	a dioxin-like compound
1,2,3,7,8,9-Hexachloro dibenzo-p-dioxin	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzodioxin	1,2,3,7,8,9-HxCDD	a dioxin-like compound
1,2,3,4,7,8-Hexachloro dibenzofuran	70648-26-9	1,2,3,4,7,8-HxCDF	a dioxin-like compound	
1,2,3,7,8,9-Hexachloro dibenzofuran	72918-21-9	1,2,3,7,8,9-HxCDF	a dioxin-like compound	
1,2,3,6,7,8-Hexachloro dibenzofuran	57117-44-9	2,3,4,7,8,9-Hexachlorodibenzofuran	1,2,3,6,7,8-HxCDF	a dioxin-like compound
2,3,4,6,7,8-Hexachloro dibenzofuran	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	2,3,4,6,7,8-HxCDF	a dioxin-like compound
Hexachloroethane	67-72-1	Perchloroethane		
Hexachlorophene	70-30-4			
Hexamethylphosphoramide	680-31-9			
n-Hexane	110-54-3			
Hexazinone	51235-04-2	Velpar		
HMX	2691-41-0	Cyclotetramethylene tetranitramine	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	
Hydrazine	302-01-2	H2NNH2	Diamine	
Hydrazine sulfate	10034-93-2			
Hydrogen selenide	7783-07-5	H ₂ Se		
Hydrogen sulfide	7783-06-4	H ₂ S		
Imazalil	35554-44-0			
Imazaquin	81335-37-7	Scepter		
Indene	95-13-6			
Indeno(1,2,3-c,d)pyrene	193-39-5			a polynuclear aromatic hydrocarbon
Iodide	20461-54-5	I-		
Iodoform	75-47-8	Triiodomethane		
Iprodione	36734-19-7	Rovral		
IQ	76180-96-6	2-Amino-3-methylimidazo[4,5-f]quinoline		
Iron	7439-89-6	Fe		
Isoamyl acetate	123-92-2			
Isoamyl alcohol	123-51-3	3-Methyl-1-butanol	Isobutyl carbinol	
Isobutyl acetate	110-19-0			
Isobutyl alcohol	78-83-1	Isobutanol		
Isobutyl nitrite	542-56-3	IBN	Nitrous acid, isobutyl ester	
Isophorone	78-59-1			
Isopropalin	33820-53-0			
Isopropanol	67-63-0	Isopropyl alcohol		
Isopropyl acetate	108-21-4			
Isopropylamine	75-31-0	2-Aminopropane		
Isopropyl ether	108-20-3	Di-isopropyl ether	DIPE	
Isopropyl methyl phosphonic acid	1832-54-8	IMPA	Isopropyl methylphosphonic acid	Isopropyl methylphosphonate
Isoxaben	82558-50-7	EL-107		
Kepone	143-50-0	Chlordecone		
Kerosene	8008-20-6	Kerosine	Fuel oil #1	a petroleum hydrocarbon
Lactofen	77501-63-4	Cobra		
Lasiocarpine	303-34-4			
Lead	7439-92-1	Pb		
Lead acetate	301-04-2	Sugar of lead		

WATER QUALITY LIMITS FOR CONSTITUENTS AND PARAMETERS (in ug/l or ppb unless noted)

CONSTITUENT or PARAMETER	Drinking Water Standards (California & Federal) Maximum Contaminant Levels (MCLs)					California Public Health Goal (PHG) in Drinking Water (Office of Environmental Health Hazard Assessment; OEHA)	California State Notification Level (formerly Action Level) and Response Level for Drinking Water (CDPH) (191)	Agricultural Water Quality Limits (78)	Taste & Odor Threshold (see also Secondary MCL and National Recommended Water Quality Criteria)
	California Department of Public Health (CDPH)		U.S. Environmental Protection Agency (USEPA)						
	Primary MCL	Secondary MCL	Primary MCL	Secondary MCL	MCL Goal				
Lead phosphate									
Lead subacetate									
Linuron									
Londax									
Malathion							160 / 1600 (191)		
Maleic anhydride									
Maleic hydrazide									
Maneb									
Manganese		50		50			500 / 5000 (191)	200	
MCPA									
MCPB									
MCPP									
Me-A-alpha-C									
MelQ									
MelQx									
Melphalan									
Mepiquat chloride									
Mercuric chloride									
Mercury (inorganic)	2		2		2	1.2 (147)			
Mercury (total, including organic compounds)									
Merphos									
Merphos oxide									
Mesityl oxide								1000 (126)	
Metalaxyl									
Methacrylonitrile								2100 (126)	
Methamidophos									
Methanol								740,000 (126)	
Methidathion									
Methomyl									
Methoxychlor	30		40		40	30 (189)		4700 (125)	
2-Methoxyethanol									
2-Methoxyethyl acetate									
Methyl acetate								3000 (126)	
Methyl acrylate								2.1 (126)	
Methylamine								2400 (126)	
Methyl n-amyl ketone								280 (126)	
N-Methylaniline								18,000 (126)	
Methyl t-butyl ether (MtBE)	13	5				13 (188)		20 / 40 (10,30)	
Methyl n-butyl ketone								250 (126)	
Methyl carbamate									
3-Methylcholanthrene									
5-Methylchrysene									
Methylcyclohexane								150 (126)	
cis-3-Methylcyclohexanol								6,000,000 (126)	
N-Methyl dithiocarbamate							20 / 200 (191)		
4,4'-Methylenebis(2-chloroaniline)									
4,4'-Methylenebis(N,N-dimethyl) aniline									
4,4'-Methylenebis(2-methylaniline)									
4,4'-Methylenedianiline									
Methyl ethyl ketone								8400 (126)	
Methyl formate								150,000 (126)	
Methylhydrazine									
Methylhydrazine sulfate									
Methyl isoamyl ketone								13 (126)	
Methyl isobutyl carbinol								150 (126)	

WATER QUALITY LIMITS FOR CONSTITUENTS AND PARAMETERS (in ug/l or ppb unless noted)

CONSTITUENT or PARAMETER	USEPA Integrated Risk Information System (IRIS) Reference Dose as a Drinking Water Level (60)	Drinking Water Health Advisories or Suggested No-Adverse-Response Levels (SNARLs) for toxicity other than cancer risk		One-in-a-Million Incremental Cancer Risk Estimates for Drinking Water				California Proposition 65 Safe Harbor Level (OEHHA) as a Drinking Water Level (14)	
		USEPA	National Academy of Sciences (NAS)	Cal/EPA Cancer Potency Factor as a Drinking Water Level (102)	USEPA Integrated Risk Information System (IRIS)	USEPA Drinking Water Health Advisory or SNARL	National Academy of Sciences (NAS)	No Significant Risk Level (one-in-100,000 cancer risk)	Maximum Allowable Dose Level for Reproductive Toxicity
Lead phosphate								29 (188)	
Lead subacetate				0.92				20.5 (188)	
Linuron	1.4				(C)				230 (189)
Londax	1400								
Malathion	140	100	160			(D)			
Maleic anhydride	700								
Maleic hydrazide	3500	4000				(D)			
Maneb	35		35					(188)	
Manganese	980	300			(D)	(D)			
MCPA	3.5	30 (167)	8.75			(N,167)			
MCPB	70								
MCPP	7								
Me-A-alpha-C				0.029				0.3 (188)	
MelQ								0.23 (188)	
MelQx								0.205 (188)	
Melphalan				0.00027				0.0025 (188)	(189)
Mepiquat chloride	210								
Mercuric chloride	0.2				(C)				(189)
Mercury (inorganic)		2 (196)				(D)			(189)
Mercury (total, including organic compounds)									(189)
Merphos	0.2								
Merphos oxide	0.2								
Mesityl oxide									
Metalaxyl	420								
Methacrylonitrile	0.7								
Methamidophos	0.35								
Methanol	3500								
Methidathion	0.7				(C)				
Methomyl	180	200	175			(E)			
Methoxychlor	35	40 (166)	700		(D)	(D)			
2-Methoxyethanol									32 (189)
2-Methoxyethyl acetate									49 (189)
Methyl acetate									
Methyl acrylate					(D)				
Methylamine									
Methyl n-amyl ketone									
N-Methylaniline									
Methyl t-butyl ether (MtBE)		20 / 40 (10,30)		19					
Methyl n-butyl ketone	1400 (68)				(1,68)				
Methyl carbamate								80 (188)	
3-Methylcholanthrene				0.0016				0.015 (188)	
5-Methylchrysene				0.004 (93)				0.0042 (188)	
Methylcyclohexane									
cis-3-Methylcyclohexanol									
N-Methyl dithiocarbamate									
4,4'-Methylenebis(2-chloroaniline)				0.023				0.25 (188)	
4,4'-Methylenebis(N,N-dimethyl) aniline				0.76	0.8 (B2,147)			10 (188)	
4,4'-Methylenebis(2-methylaniline)				0.038				0.4 (188)	
4,4'-Methylenedianiline				0.022 / 0.029 (174)				0.2 / 0.3 (174,188)	
Methyl ethyl ketone	4200	4000 (166)			(D)	(D)			
Methyl formate									
Methylhydrazine								0.029 (188)	
Methylhydrazine sulfate								0.09 (188)	
Methyl isoamyl ketone									
Methyl isobutyl carbinol									

WATER QUALITY LIMITS FOR CONSTITUENTS AND PARAMETERS (in ug/l or ppb unless noted)

CONSTITUENT or PARAMETER	California Toxics Rule Criteria (USEPA) unless noted								
	Inland Surface Waters					Enclosed Bays & Estuaries			
	Human Health (30-day Average)		Freshwater Aquatic Life Protection			Human Health (30-day Average)		Saltwater Aquatic Life Protection	
	Drinking Water Sources (consumption of water and aquatic organisms)	Other Waters (aquatic organism consumption only)	Continuous Concentration (4-day Average)	Maximum Concentration (1-hour Average)	Instantaneous Maximum	Human Health (30-day Average) aquatic organism consumption only	Continuous Concentration (4-day Average)	Maximum Concentration (1-hour Average)	Instantaneous Maximum
Lead phosphate									
Lead subacetate									
Linuron									
Londax									
Malathion									
Maleic anhydride									
Maleic hydrazide									
Maneb									
Manganese									
MCPA									
MCPB									
MCPP									
Me-A-alpha-C									
MelQ									
MelQx									
Melphalan									
Mepiquat chloride									
Mercuric chloride									
Mercury (inorganic)									
Mercury (total, including organic compounds)	0.05 (2,142)	0.051 (2,142)				0.051 (2,142)			
Merphos									
Merphos oxide									
Mesityl oxide									
Metalaxyl									
Methacrylonitrile									
Methamidophos									
Methanol									
Methidathion									
Methomyl									
Methoxychlor									
2-Methoxyethanol									
2-Methoxyethyl acetate									
Methyl acetate									
Methyl acrylate									
Methylamine									
Methyl n-amyl ketone									
N-Methylaniline									
Methyl t-butyl ether (MtBE)									
Methyl n-butyl ketone									
Methyl carbamate									
3-Methylcholanthrene									
5-Methylchrysene									
Methylcyclohexane									
cis-3-Methylcyclohexanol									
N-Methyl dithiocarbamate									
4,4'-Methylenebis(2-chloroaniline)									
4,4'-Methylenebis(N,N-dimethyl) aniline									
4,4'-Methylenebis(2-methylaniline)									
4,4'-Methylenedianiline									
Methyl ethyl ketone									
Methyl formate									
Methylhydrazine									
Methylhydrazine sulfate									
Methyl isoamyl ketone									
Methyl isobutyl carbinol									

WATER QUALITY LIMITS FOR CONSTITUENTS AND PARAMETERS (in ug/l or ppb unless noted)

CONSTITUENT or PARAMETER	USEPA National Recommended Ambient Water Quality Criteria unless noted											
	for Human Health and Welfare Protection						for Freshwater Aquatic Life Protection					
	Non-Cancer Health Effects		One-in-a-Million Cancer Risk Estimate		Taste & Odor or Welfare	Recommended Criteria			Toxicity Information (Lowest Observed Effect Level)			
	Sources of Drinking Water (water+organisms)	Other Waters (aquatic organism consumption only)	Sources of Drinking Water (water+organisms)	Other Waters (aquatic organism consumption only)		Continuous Concentration (4-day Average)	24-hour Average	Maximum Concentration (1-hour Average)	Instantaneous Maximum	Acute	Chronic	Other
Lead phosphate												
Lead subacetate												
Linuron												
Londax												
Malathion								0.43 (151)	0.1 (51)			
Maleic anhydride												
Maleic hydrazide												
Maneb												
Manganese		100 (51)			50 (51)							
MCPA												
MCPB												
MCPP												
Me-A-alpha-C												
MelQ												
MelQx												
Melphalan												
Mepiquat chloride												
Mercuric chloride												
Mercury (inorganic)												
Mercury (total, including organic compounds)						0.77 (1,140)		1.4 (1,140)				
Merphos												
Merphos oxide												
Mesityl oxide												
Metalaxyl												
Methacrylonitrile												
Methamidophos												
Methanol												
Methidathion												
Methomyl						0.52 (151)		5.5 (151)				
Methoxychlor	100 (51)								0.03 (51)			
2-Methoxyethanol												
2-Methoxyethyl acetate												
Methyl acetate												
Methyl acrylate												
Methylamine												
Methyl n-amyyl ketone												
N-Methylaniline												
Methyl t-butyl ether (MtBE)						51,000		151,000				
Methyl n-butyl ketone												
Methyl carbamate												
3-Methylcholanthrene												
5-Methylchrysene												
Methylcyclohexane												
cis-3-Methylcyclohexanol												
N-Methyl dithiocarbamate												
4,4'-Methylenebis(2-chloroaniline)												
4,4'-Methylenebis(N,N-dimethyl) aniline												
4,4'-Methylenebis(2-methylaniline)												
4,4'-Methylenedianiline												
Methyl ethyl ketone												
Methyl formate												
Methylhydrazine												
Methylhydrazine sulfate												
Methyl isoamyl ketone												
Methyl isobutyl carbinol												

WATER QUALITY LIMITS FOR CONSTITUENTS AND PARAMETERS (in ug/l or ppb unless noted)

CONSTITUENT or PARAMETER	California Ocean Plan Numerical Water Quality Objectives						USEPA National Recommended Ambient Water Quality Criteria for Saltwater Aquatic Life Protection						
	Human Health (30-day Average) aquatic organism consumption only	Marine Aquatic Life Protection					Recommended Criteria				Toxicity Information (Lowest Observed Effect Level)		
		6-month Median	30-day Average	7-day Average	Daily Maximum	Instantaneous Maximum	Continuous Concentration (4-day Average)	24-hour Average	Maximum Concentration (1-hour Average)	Instantaneous Maximum	Acute	Chronic	Other
Lead phosphate													
Lead subacetate													
Linuron													
Londax													
Malathion									0.34 (152)	0.1 (51)			
Maleic anhydride													
Maleic hydrazide													
Maneb													
Manganese													
MCPA													
MCPB													
MCPP													
Me-A-alpha-C													
MelQ													
MelQx													
Melphalan													
Mepiquat chloride													
Mercuric chloride													
Mercury (inorganic)													
Mercury (total, including organic compounds)		0.04			0.16	0.4	0.94 (1,140)		1.8 (1,140)				
Merphos													
Merphos oxide													
Mesityl oxide													
Metalaxyl													
Methacrylonitrile													
Methamidophos													
Methanol													
Methidathion													
Methomyl													
Methoxychlor										0.03 (51)			
2-Methoxyethanol													
2-Methoxyethyl acetate													
Methyl acetate													
Methyl acrylate													
Methylamine													
Methyl n-aryl ketone													
N-Methylaniline													
Methyl t-butyl ether (MtBE)							18,000		53,000				
Methyl n-butyl ketone													
Methyl carbamate													
3-Methylcholanthrene													
5-Methylchrysene													
Methylcyclohexane													
cis-3-Methylcyclohexanol													
N-Methyl dithiocarbamate													
4,4'-Methylenebis(2-chloroaniline)													
4,4'-Methylenebis(N,N-dimethyl aniline)													
4,4'-Methylenebis(2-methylaniline)													
4,4'-Methylenedianiline													
Methyl ethyl ketone													
Methyl formate													
Methylhydrazine													
Methylhydrazine sulfate													
Methyl isoamyl ketone													
Methyl isobutyl carbinol													

WATER QUALITY LIMITS FOR CONSTITUENTS AND PARAMETERS (in ug/l or ppb unless noted)

CONSTITUENT or PARAMETER	Chemical Abstracts Service Registry Number	Synonyms and Abbreviations	
Lead phosphate	7446-27-7	Lead orthophosphate	Trilead phosphate
Lead subacetate	1335-32-6	Basic lead acetate	BLA
Linuron	330-55-2		
Londax	83055-99-6	DPX-F5384	
Malathion	121-75-5	Cythion	
Maleic anhydride	108-31-6		
Maleic hydrazide	123-33-1	Antergon	Chemform
Maneb	12427-38-2	Dithane M-22	Manzate
Manganese	7439-96-5	Mn	
MCPA	94-74-6	2-Methyl-4-chlorophenoxyacetic acid	4(Chloro-2-methoxyphenoxy)acetic acid
MCPB	94-81-5	4-(2-Methyl-4-chlorophenoxy)butyric acid	
MCPP	93-65-2	2-(2-Methyl-4-chlorophenoxy)propionic acid	Mecoprop
Me-A-alpha-C	68006-83-7	2-Amino-3-methyl-9H-pyrido-[2,3-b]indole	
MelQ	77094-11-2	2-Amino-3,4-dimethylimidazo(4,5-f)quinoline	
MelQx	77500-04-0	2-Amino-3,8-dimethylimidazo(4,5-f)quinoxaline	
Melphalan	148-82-3	Alanine nitrogen mustard	Alkeran
Mepiquat chloride	24307-26-4		
Mercuric chloride	7487-94-7	HgCl ₂	
Mercury (inorganic)	7439-97-6	Hg (inorganic)	
Mercury (total, including organic compounds)	7439-97-6	Hg (total)	
Merphos	150-50-5	Tribufos	Folex 6EC
Merphos oxide	78-48-8	Butiphos	
Mesityl oxide	141-79-7	Methyl isobuteryl ketone	
Metalaxyl	57837-19-1	Subdue	
Methacrylonitrile	126-98-7	2-Cyanopropene	2-Methyl acrylonitrile
Methamidophos	10265-92-6	Monitor	
Methanol	67-56-1	Methyl alcohol	
Methidathion	950-37-8		
Methomyl	16752-77-5	Lannate	
Methoxychlor	72-43-5		
2-Methoxyethanol	109-86-4	Ethylene glycol monomethyl ether	EGME
2-Methoxyethyl acetate	110-49-6	Ethylene glycol monomethyl ether acetate	2-Methoxyethanol acetate
Methyl acetate	79-20-9		EGMEA
Methyl acrylate	96-33-3		
Methylamine	74-89-5	Aminomethane	
Methyl n-amyl ketone	110-43-0	2-Heptanone	
N-Methylaniline	100-61-8		
Methyl t-butyl ether (MtBE)	1634-04-4	MtBE	2-Methoxy-2-methylpropane
Methyl n-butyl ketone	591-78-6	2-Hexanone	Methyl 1,1-dimethylethyl ether
Methyl carbamate	598-55-0	Carbamic acid, methyl ester	
3-Methylcholanthrene	56-49-5		Methylurethane
5-Methylchrysene	3697-24-3		
Methylcyclohexane	108-87-2		
cis-3-Methylcyclohexanol	25639-42-3		
N-Methyl dithiocarbamate	137-42-8	Metam sodium	Vapam
4,4'-Methylenebis(2-chloroaniline)	101-14-4		Metham
4,4'-Methylenebis(N,N-dimethyl)aniline	101-61-1	4,4'-Methylenebis(N,N-dimethyl)benzeneamine	Bis(p-(dimethylanino)phenyl)methane
4,4'-Methylenebis(2-methylaniline)	838-88-0	Methylenebis(ortho-toluidine)	Michler's methane
4,4'-Methylenedianiline	101-77-9		
Methyl ethyl ketone	78-93-3	2-Butanone	MEK
Methyl formate	107-31-3		
Methylhydrazine	60-34-4		
Methylhydrazine sulfate	302-15-8		
Methyl isoamyl ketone	110-12-3	MIAK	5-Methyl-2-hexanone
Methyl isobutyl carbinol	108-11-2	Methylamyl alcohol	MIBC
			4-Methyl-2-pentanol

WATER QUALITY LIMITS FOR CONSTITUENTS AND PARAMETERS (in ug/l or ppb unless noted)

CONSTITUENT or PARAMETER	Drinking Water Standards (California & Federal) Maximum Contaminant Levels (MCLs)					California Public Health Goal (PHG) in Drinking Water (Office of Environmental Health Hazard Assessment; OEHA)	California State Notification Level (formerly Action Level) and Response Level for Drinking Water (CDPH) (191)	Agricultural Water Quality Limits (78)	Taste & Odor Threshold (see also Secondary MCL and National Recommended Water Quality Criteria)
	California Department of Public Health (CDPH)		U.S. Environmental Protection Agency (USEPA)						
	Primary MCL	Secondary MCL	Primary MCL	Secondary MCL	MCL Goal				
Methyl isobutyl ketone (MIBK)							120 / 1200 (191)		1300 (126)
Methyl isopropyl ketone									3100 (126)
Methylisothiocyanate							50 / 500 (191)		
Methyl mercaptan									0.024 (126)
Methyl mercury									
Methyl methacrylate									25 (126)
Methyl methanesulfonate									
2-Methylnaphthalene									
2-Methyl-1-nitroanthraquinone									
N-Methyl-N'-nitro- N-nitrosoguanidine									
N-Methylolacrylamide									
Methyl parathion							2 / 20 (191)		
Methyl n-propyl ketone									15,000 (126)
alpha-Methylstyrene									43 (126)
Methylthiouracil									
Metolachlor									
Metribuzin									
Metronidazole									
Michler's ketone									
Mirex									
Mitomycin C									
Molinate	20					1 (188)		10	
Molybdenum									
Monocrotaline									
5-(Morpholinomethyl)- 3-[(5-nitrofurylidene)-amino]- 2-oxalolidinone									
MX									
Naled									
Nalidixic acid									
Naphthalene							17 / 170 (191)		21 (126)
2-Naphthylamine									
Napropamide								200	
Nickel	100					12 (189)			
Nickel carbonyl									0.072 (126)
Nickel subsulfide									
Nitralin									
Nitrate	45,000 (72)		10,000 (103)		10,000 (89)	10,000 (103)			
Nitritotriacetate, trisodium monohydrate									
Nitritotriacetic acid									
Nitrite	1000 (103)		1000 (103)		1000 (89)	1000 (103)			
5-Nitroacenaphthene									
5-Nitro-o-anisidine									
Nitrobenzene									110 (126)
6-Nitrochrysene									
Nitroethane									220 (126)
Nitrofen									
2-Nitrofluorene									
Nitrofurazone									
1-[(5-Nitrofurylidene)-amino]- 2-imidazolidinone									
N-[4-(5-Nitro-2-furyl)-2-thiazolyl] acetamide									
Nitroguanidine									

WATER QUALITY LIMITS FOR CONSTITUENTS AND PARAMETERS (in ug/l or ppb unless noted)

CONSTITUENT or PARAMETER	USEPA Integrated Risk Information System (IRIS) Reference Dose as a Drinking Water Level (60)	Drinking Water Health Advisories or Suggested No-Adverse-Response Levels (SNARLs) for toxicity other than cancer risk		One-in-a-Million Incremental Cancer Risk Estimates for Drinking Water				California Proposition 65 Safe Harbor Level (OEHHA) as a Drinking Water Level (14)	
		USEPA	National Academy of Sciences (NAS)	Cal/EPA Cancer Potency Factor as a Drinking Water Level (102)	USEPA Integrated Risk Information System (IRIS)	USEPA Drinking Water Health Advisory or SNARL	National Academy of Sciences (NAS)	No Significant Risk Level (one-in-100,000 cancer risk)	Maximum Allowable Dose Level for Reproductive Toxicity
Methyl isobutyl ketone (MIBK)					(D)				
Methyl isopropyl ketone									
Methylisothiocyanate									
Methyl mercaptan									
Methyl mercury	0.07				(C)		(188)	0.15 (68,189)	
Methyl methacrylate	9800 (147)		800		(E)				
Methyl methanesulfonate				0.35				3.5 (188)	
2-Methylnaphthalene	28				(D)				
2-Methyl-1-nitroanthraquinone				0.0081				0.1 (188)	
N-Methyl-N'-nitro- N-nitrosoguanidine				0.0042				0.04 (188)	
N-Methylolacrylamide								1 (68,188)	
Methyl parathion	1.8	1 (167)	30			(N,167)			
Methyl n-propyl ketone									
alpha-Methylstyrene									
Methylthiouracil				0.088				1 (188)	
Metolachlor	110	70 (167)			(C)	(C,167)			
Metribuzin	175	70 (167)			(D)	(D,167)			
Metronidazole								2 (68,188)	
Michler's ketone				0.041				0.4 (188)	
Mirex	1.4 / 3.5 (68)			0.0019	0.1 (B2,68)	0.0049 (8)		0.02 (188)	
Mitomycin C				0.0000043				0.000045 (188)	
Molinate	14								
Molybdenum	35	40 (68)				(D,68)			
Monocrotaline				0.0035				0.035 (188)	
5-(Morpholinomethyl)- 3-[(5-nitrofurylidene)-amino]- 2-oxalolidinone								0.09 (188)	
MX								0.055 (188)	
Naled	14								
Nalidixic acid								14 (188)	
Naphthalene	140	100 (166)			(68,197)	(I,166)		2.9 (188)	
2-Naphthylamine				0.019				0.2 (188)	
Napropamide	700								
Nickel	140	100		(15)				(15,188)	
Nickel carbonyl					(B2)			(15,188)	(189)
Nickel subsulfide				0.021	(A)			(15,188)	
Nitralin			700						
Nitrate	11,000 (89)	10,000 (10-day,89)							
Nitrotriacetate, trisodium monohydrate				3.5				35 (188)	
Nitrotriacetic acid				6.6				50 (188)	
Nitrite	700	1000 (10-day,89)							
5-Nitroacenaphthene				0.27				3 (188)	
5-Nitro-o-anisidine				0.71					
Nitrobenzene	3.5		5 (7-day)		(D)			(188)	
6-Nitrochrysene				0.0004 (93)				0.001 (68,188)	
Nitroethane									
Nitrofen				0.43 (177)			0.0089	4.5 (177,188)	
2-Nitrofluorene				0.4 (93)				0.045 (68,188)	
Nitrofurazone				0.027				0.25 (188)	
1-[(5-Nitrofurylidene)-amino]- 2-imidazolidinone				0.019				0.2 (188)	
N-[4-(5-Nitro-2-furyl)-2-thiazolyl] acetamide				0.023				0.25 (188)	
Nitroguanidine	700	700			(D)	(D)			

WATER QUALITY LIMITS FOR CONSTITUENTS AND PARAMETERS (in ug/l or ppb unless noted)

CONSTITUENT or PARAMETER	California Toxics Rule Criteria (USEPA) unless noted								
	Inland Surface Waters					Enclosed Bays & Estuaries			
	Human Health (30-day Average)		Freshwater Aquatic Life Protection			Human Health (30-day Average)		Saltwater Aquatic Life Protection	
	Drinking Water Sources (consumption of water and aquatic organisms)	Other Waters (aquatic organism consumption only)	Continuous Concentration (4-day Average)	Maximum Concentration (1-hour Average)	Instantaneous Maximum	Human Health (30-day Average) aquatic organism consumption only	Continuous Concentration (4-day Average)	Maximum Concentration (1-hour Average)	Instantaneous Maximum
Methyl isobutyl ketone (MIBK)									
Methyl isopropyl ketone									
Methylisothiocyanate									
Methyl mercaptan									
Methyl mercury									
Methyl methacrylate									
Methyl methanesulfonate									
2-Methylnaphthalene									
2-Methyl-1-nitroanthraquinone									
N-Methyl-N'-nitro- N-nitrosoguanidine									
N-Methylolacrylamide									
Methyl parathion									
Methyl n-propyl ketone									
alpha-Methylstyrene									
Methylthiouracil									
Metolachlor									
Metribuzin									
Metronidazole									
Michler's ketone									
Mirex									
Mitomycin C									
Molinate									
Molybdenum									
Monocrotaline									
5-(Morpholinomethyl)- 3-[(5-nitrofurylidene)-amino]- 2-oxalolidinone									
MX									
Naled									
Nalidixic acid									
Naphthalene									
2-Naphthylamine									
Napropamide									
Nickel	610 (2,142)	4600 (2,142)	see page 25 (1,142)	see page 25 (1,142)		4600 (2,142)	8.2 (1,142)	74 (1,142)	
Nickel carbonyl									
Nickel subsulfide									
Nitralin									
Nitrate									
Nitritotriacetate, trisodium monohydrate									
Nitritotriacetic acid									
Nitrite									
5-Nitroacenaphthene									
5-Nitro-o-anisidine									
Nitrobenzene	17 (143)	1900 (143)				1900 (143)			
6-Nitrochrysene									
Nitroethane									
Nitrofen									
2-Nitrofluorene									
Nitrofurazone									
1-[(5-Nitrofurylidene)-amino]- 2-imidazolidinone									
N-[4-(5-Nitro-2-furyl)-2-thiazolyl] acetamide									
Nitroguanidine									

WATER QUALITY LIMITS FOR CONSTITUENTS AND PARAMETERS (in ug/l or ppb unless noted)

CONSTITUENT or PARAMETER	USEPA National Recommended Ambient Water Quality Criteria unless noted											
	for Human Health and Welfare Protection						for Freshwater Aquatic Life Protection					
	Non-Cancer Health Effects		One-in-a-Million Cancer Risk Estimate		Taste & Odor or Welfare	Recommended Criteria			Toxicity Information (Lowest Observed Effect Level)			
	Sources of Drinking Water (water+organisms)	Other Waters (aquatic organism consumption only)	Sources of Drinking Water (water+organisms)	Other Waters (aquatic organism consumption only)		Continuous Concentration (4-day Average)	24-hour Average	Maximum Concentration (1-hour Average)	Instantaneous Maximum	Acute	Chronic	Other
Methyl isobutyl ketone (MIBK)												
Methyl isopropyl ketone												
Methylisothiocyanate												
Methyl mercaptan												
Methyl mercury	0.3 mg/kg (161)	0.3 mg/kg (161)										
Methyl methacrylate												
Methyl methanesulfonate												
2-Methylnaphthalene												
2-Methyl-1-nitroanthraquinone												
N-Methyl-N'-nitro- N-nitrosoguanidine												
N-Methylolacrylamide												
Methyl parathion									0.08 (152)			
Methyl n-propyl ketone												
alpha-Methylstyrene												
Methylthiouracil												
Metolachlor	44 (8)								100 (8)			
Metribuzin	5250 (8)								100 (8)			
Metronidazole												
Michler's ketone												
Mirex			0.000093 (8)	0.000097 (8)					0.001 (51)			
Mitomycin C												
Molinate									13 (151)			
Molybdenum												
Monocrotaline												
5-(Morpholinomethyl)- 3-[(5-nitrofurfurylidene)-amino]- 2-oxalolidinone												
MX												
Naled												
Nalidixic acid												
Naphthalene										2300	620	
2-Naphthylamine												
Napropamide												
Nickel	610 (2)	4600 (2)										
Nickel carbonyl												
Nickel subsulfide												
Nitralin												
Nitrate	10,000 (51,89)											
Nitritotriacetate, trisodium monohydrate												
Nitritotriacetic acid												
Nitrite												
5-Nitroacenaphthene												
5-Nitro-o-anisidine												
Nitrobenzene	17	690			30					27,000		
6-Nitrochrysene												
Nitroethane												
Nitrofen												
2-Nitrofluorene												
Nitrofurazone												
1-[(5-Nitrofurfurylidene)-amino]- 2-imidazolidinone												
N-[4-(5-Nitro-2-furyl)-2-thiazolyl] acetamide												
Nitroguanidine												

WATER QUALITY LIMITS FOR CONSTITUENTS AND PARAMETERS (in ug/l or ppb unless noted)

CONSTITUENT or PARAMETER	California Ocean Plan Numerical Water Quality Objectives						USEPA National Recommended Ambient Water Quality Criteria for Saltwater Aquatic Life Protection							
	Human Health (30-day Average) aquatic organism consumption only	Marine Aquatic Life Protection					Recommended Criteria				Toxicity Information (Lowest Observed Effect Level)			
		6-month Median	30-day Average	7-day Average	Daily Maximum	Instantaneous Maximum	Continuous Concentration (4-day Average)	24-hour Average	Maximum Concentration (1-hour Average)	Instantaneous Maximum	Toxicity Information (Lowest Observed Effect Level)			
											Acute	Chronic	Other	
Methyl isobutyl ketone (MIBK)														
Methyl isopropyl ketone														
Methylisothiocyanate														
Methyl mercaptan														
Methyl mercury														
Methyl methacrylate														
Methyl methanesulfonate														
2-Methylnaphthalene														
2-Methyl-1-nitroanthraquinone														
N-Methyl-N'-nitro- N-nitrosoguanidine														
N-Methylolacrylamide														
Methyl parathion														
Methyl n-propyl ketone														
alpha-Methylstyrene														
Methylthiouracil														
Metolachlor														
Metribuzin														
Metronidazole														
Michler's ketone														
Mirex										0.001 (51)				
Mitomycin C														
Molinate														
Molybdenum														
Monocrotaline														
5-(Morpholinomethyl)- 3-[(5-nitrofurylidene)-amino]- 2-oxalolidinone														
MX														
Naled														
Nalidixic acid														
Naphthalene												2350		
2-Naphthylamine														
Napropamide														
Nickel		5			20	50	8.2 (1)			74 (1)				
Nickel carbonyl														
Nickel subsulfide														
Nitralin														
Nitrate														
Nitritotriacetate, trisodium monohydrate														
Nitritotriacetic acid														
Nitrite														
5-Nitroacenaphthene														
5-Nitro-o-anisidine														
Nitrobenzene	4.9											6680		
6-Nitrochrysene														
Nitroethane														
Nitrofen														
2-Nitrofluorene														
Nitrofurazone														
1-[(5-Nitrofurylidene)-amino]- 2-imidazolidinone														
N-[4-(5-Nitro-2-furyl)-2-thiazolyl] acetamide														
Nitroguanidine														

WATER QUALITY LIMITS FOR CONSTITUENTS AND PARAMETERS (in ug/l or ppb unless noted)

CONSTITUENT or PARAMETER	Chemical Abstracts Service Registry Number		Synonyms and Abbreviations	
Methyl isobutyl ketone (MIBK)	108-10-1	4-Methyl-2-pentanone	MIBK	
Methyl isopropyl ketone	563-80-4	3-Methyl-2-butanone		
Methylisothiocyanate	556-61-6	MITC	Vorlex component	
Methyl mercaptan	74-93-1	Methanethiol		
Methyl mercury	22967-92-6	Mercury, methyl	MeHg	
Methyl methacrylate	80-62-6			
Methyl methanesulfonate	66-27-3	MMS		
2-Methylnaphthalene	91-57-6	beta-Methylnaphthalene		
2-Methyl-1-nitroanthraquinone	129-15-7	2-Aminonaphthalene		
N-Methyl-N'-nitro-N-nitrosoguanidine	70-25-7	MNNG		
N-Methylolacrylamide	924-42-5			
Methyl parathion	298-00-0	Parathion-methyl		
Methyl n-propyl ketone	107-87-9	MPK	Ethyl acetone	2-Pentanone
alpha-Methylstyrene	98-83-9			
Methylthiouracil	56-04-2			
Metolachlor	51218-45-2	Dual		
Metribuzin	21087-64-9			
Metronidazole	443-48-1			
Michler's ketone	90-94-8	Tetramethyldiaminobenzophenone		
Mirex	2385-85-5	Dechlorane		
Mitomycin C	50-07-7	Ametycine		
Molinate	2212-67-1	Ordram		
Molybdenum	7439-98-7	Mo		
Monocrotaline	315-22-0	Crotaline		
5-(Morpholinomethyl)-3-[(5-nitrofurfurylidene)-amino]-2-oxalolidinone	139-91-3	Furaltadone	Furaltadon	Furmethanol
MX	77439-76-0	3-Chloro-4-(dichloromethyl)-5-hydroxy-2(5H)-furanone		
Naled	300-76-5	Dibrom		
Nalidixic acid	389-08-2	Naladixic acid	Nalidixin	Wintomylon
Naphthalene	91-20-3			
2-Naphthylamine	91-59-8	beta-Naphthylamine		
Napropamide	15299-99-7	Devrinol		
Nickel	7440-02-0	Ni		
Nickel carbonyl	13463-39-3			
Nickel subsulfide	12035-72-2			
Nitralin	4726-14-1	Planavin		
Nitrate	14797-55-8	NO ₃ ⁻		
Nitriiotriacetate, trisodium monohydrate	18662-53-8	Trisodium nitriiotriacetate	NTA	
Nitriiotriacetic acid	139-13-9	NTA	Triglycine	
Nitrite	14797-65-0	NO ₂ ⁻		
5-Nitroacenaphthene	602-87-9			
5-Nitro-o-anisidine	99-59-2	Azoamine scarlet		
Nitrobenzene	98-95-3			
6-Nitrochrysene	7496-02-8			
Nitroethane	79-24-3			
Nitrofen	1836-75-5	Nitrofen	2,4-Dichloro-1-(4-nitrophenoxy)benzene	
2-Nitrofluorene	607-57-8			
Nitrofurazone	59-87-0	Biofurcina	Coxistat	Dermofural
1-[(5-Nitrofurfurylidene)-amino]-2-imidazolidinone	555-84-0	Nifuradene	NF 246	
N-[4-(5-Nitro-2-furyl)-2-thiazolyl]acetamide	531-82-8	Furathiazole	Furium	NFTA
Nitroguanidine	556-88-7			

WATER QUALITY LIMITS FOR CONSTITUENTS AND PARAMETERS (in ug/l or ppb unless noted)

CONSTITUENT or PARAMETER	Drinking Water Standards (California & Federal) Maximum Contaminant Levels (MCLs)					California Public Health Goal (PHG) in Drinking Water (Office of Environmental Health Hazard Assessment; OEHHA)	California State Notification Level (formerly Action Level) and Response Level for Drinking Water (CDPH) (191)	Agricultural Water Quality Limits (78)	Taste & Odor Threshold (see also Secondary MCL and National Recommended Water Quality Criteria)
	California Department of Public Health (CDPH)		U.S. Environmental Protection Agency (USEPA)						
	Primary MCL	Secondary MCL	Primary MCL	Secondary MCL	MCL Goal				
Nitromethane								9100 (126)	
Nitrophenol									
2-Nitrophenol									
4-Nitrophenol									
Nitrophenols									
1-Nitropropane								12,000 (126)	
2-Nitropropane								53,000 (126)	
1-Nitropyrene									
4-Nitropyrene									
Nitrosamines									
N-Nitrosodi-n-butylamine									
N-Nitrosodiethanolamine									
N-Nitrosodiethylamine							0.01 / 0.1 (191,192)		
N-Nitrosodimethylamine						0.003 (188)	0.01 / 0.3 (39,191)		
N-Nitrosodiphenylamine									
p-Nitrosodiphenylamine									
N-Nitrosodipropylamine							0.01 / 0.5 (191,193)		
N-Nitroso-N-ethylurea									
4-(N-Nitrosomethylamino)- 1-(3-pyridyl)-1-butanone									
N-Nitrosomethylethylamine									
N-Nitroso-N-methylurea									
N-Nitroso-N-methylurethane									
N-Nitrosomethylvinylamine									
N-Nitrosomorpholine									
N-Nitrosornicotine									
N-Nitrosopiperidine									
N-Nitrosopyrrolidine									
N-Nitrososarcosine									
m-Nitrotoluene								80 (126)	
trans-Nonachlor									
Nonane								1.3 (126)	
Nonylphenol									
Norflurazon									
NuStar									
Ochratoxin A									
Octabromodiphenyl ether									
Octachlorodibenzo-p-dioxin									
Octachlorodibenzofuran									
Octane								1.7 (126)	
Odor		3 threshold units		3 threshold units					
Oil and Grease									
Oryzalin									
Osmium tetroxide								12 (126)	
Oxadiazon									
Oxamyl	50		200		200	50 / 26 (68)			
Oxychlordane									
Oxyfluorfen									
Oxygen, dissolved									
Ozone								0.28 (126)	
Paclobutrazol									
PAHs									
Paraquat									
Parathion							40 / 400 (191)		

WATER QUALITY LIMITS FOR CONSTITUENTS AND PARAMETERS (in ug/l or ppb unless noted)

CONSTITUENT or PARAMETER	USEPA Integrated Risk Information System (IRIS) Reference Dose as a Drinking Water Level (60)	Drinking Water Health Advisories or Suggested No-Adverse-Response Levels (SNARLs) for toxicity other than cancer risk		One-in-a-Million Incremental Cancer Risk Estimates for Drinking Water				California Proposition 65 Safe Harbor Level (OEHA) as a Drinking Water Level (14)	
		USEPA	National Academy of Sciences (NAS)	Cal/EPA Cancer Potency Factor as a Drinking Water Level (102)	USEPA Integrated Risk Information System (IRIS)	USEPA Drinking Water Health Advisory or SNARL	National Academy of Sciences (NAS)	No Significant Risk Level (one-in-100,000 cancer risk)	Maximum Allowable Dose Level for Reproductive Toxicity
Nitromethane								20 (188)	
Nitrophenol			290 (7-day)						
2-Nitrophenol			290 (7-day,37)						
4-Nitrophenol		60	290 (7-day,37)			(D)			
Nitrophenols									
1-Nitropropane								(188)	
2-Nitropropane									
1-Nitropyrene				0.04 (93)				0.3 (68,188)	
4-Nitropyrene				0.04 (93)				0.015 (68,188)	
Nitrosamines									
N-Nitrosodi-n-butylamine				0.0032	0.006 (B2,121)	0.0064		0.03 (188)	
N-Nitrosodiethanolamine				0.013	0.01 (B2)			0.15 (188)	
N-Nitrosodiethylamine				0.00097	0.0002 (B2)			0.01 (188)	
N-Nitrosodimethylamine				0.0022	0.0007 (B2)			0.02 (188)	
N-Nitrosodiphenylamine				3.9	7 (B2)			40 (188)	
p-Nitrosodiphenylamine				1.6	(B2)			15 (188)	
N-Nitrosodipropylamine				0.005	0.005 (B2)			0.05 (188)	
N-Nitroso-N-ethylurea				0.0013				0.015 (188)	
4-(N-Nitrosomethylamino)- 1-(3-pyridyl)-1-butanone								0.007 (188)	
N-Nitrosomethylethylamine				0.0016	0.002 (B2)			0.015 (188)	
N-Nitroso-N-methylurea				0.00029				0.003 (188)	
N-Nitroso-N-methylurethane				0.00032				0.003 (188)	
N-Nitrosomethylvinylamine								0.002 (68,188)	
N-Nitrosomorpholine				0.0052				0.05 (188)	
N-Nitrosomonocotinine				0.025				0.25 (188)	
N-Nitrosopiperidine				0.0037				0.035 (188)	
N-Nitrosopyrrolidine				0.017	0.02 (B2)			0.15 (188)	
N-Nitrososarcosine								2.5 (68,188)	
m-Nitrotoluene									
trans-Nonachlor									
Nonane									
Nonylphenol									
Norflurazon	280								
NuStar	5								
Ochratoxin A								0.015 (68,188)	
Octabromodiphenyl ether	21					(D)			
Octachlorodibenzo-p-dioxin				0.0027				(188)	
Octachlorodibenzofuran				0.0027				(188)	
Octane									
Odor									
Oil and Grease									
Oryzalin	35					(C)			
Osmium tetroxide									
Oxadiazon	35							(188)	(189)
Oxamyl	180	35 (167)					(E,167)		
Oxychlorane									
Oxyfluorfen	20								
Oxygen, dissolved									
Ozone									
Paclobutrazol	91								
PAHs									
Paraquat	3.2	30	59.5		(C)	(C,166)			
Parathion			30		(C)				

WATER QUALITY LIMITS FOR CONSTITUENTS AND PARAMETERS (in ug/l or ppb unless noted)

CONSTITUENT or PARAMETER	California Toxics Rule Criteria (USEPA) unless noted								
	Inland Surface Waters					Enclosed Bays & Estuaries			
	Human Health (30-day Average)		Freshwater Aquatic Life Protection			Human Health (30-day Average)		Saltwater Aquatic Life Protection	
	Drinking Water Sources (consumption of water and aquatic organisms)	Other Waters (aquatic organism consumption only)	Continuous Concentration (4-day Average)	Maximum Concentration (1-hour Average)	Instantaneous Maximum	Human Health (30-day Average) aquatic organism consumption only	Continuous Concentration (4-day Average)	Maximum Concentration (1-hour Average)	Instantaneous Maximum
Nitromethane									
Nitrophenol									
2-Nitrophenol									
4-Nitrophenol									
Nitrophenols									
1-Nitropropane									
2-Nitropropane									
1-Nitropyrene									
4-Nitropyrene									
Nitrosamines									
N-Nitrosodi-n-butylamine									
N-Nitrosodiethanolamine									
N-Nitrosodiethylamine									
N-Nitrosodimethylamine	0.00069 (113,143)	8.1 (113,143)				8.1 (113,143)			
N-Nitrosodiphenylamine	5 (113,143)	16 (113,143)				16 (113,143)			
p-Nitrosodiphenylamine									
N-Nitrosodipropylamine	0.005	1.4				1.4			
N-Nitroso-N-ethylurea									
4-(N-Nitrosomethylamino)- 1-(3-pyridyl)-1-butanone									
N-Nitrosomethylethylamine									
N-Nitroso-N-methylurea									
N-Nitroso-N-methylurethane									
N-Nitrosomethylvinylamine									
N-Nitrosomorpholine									
N-Nitrosornicotine									
N-Nitrosopiperidine									
N-Nitrosopyrrolidine									
N-Nitrososarcosine									
m-Nitrotoluene									
trans-Nonachlor									
Nonane									
Nonylphenol									
Norflurazon									
NuStar									
Ochratoxin A									
Octabromodiphenyl ether									
Octachlorodibenzo-p-dioxin	0.00013 (113,144)	0.00014 (113,144)							
Octachlorodibenzofuran	0.00013 (113,144)	0.00014 (113,144)				0.00014 (113,144)			
Octane									
Odor									
Oil and Grease									
Oryzalin									
Osmium tetroxide									
Oxadiazon									
Oxamyl									
Oxychlorane									
Oxyfluorfen									
Oxygen, dissolved									
Ozone									
Paclobutrazol									
PAHs									
Paraquat									
Parathion									

WATER QUALITY LIMITS FOR CONSTITUENTS AND PARAMETERS (in ug/l or ppb unless noted)

CONSTITUENT or PARAMETER	USEPA National Recommended Ambient Water Quality Criteria unless noted											
	for Human Health and Welfare Protection					for Freshwater Aquatic Life Protection						
	Non-Cancer Health Effects		One-in-a-Million Cancer Risk Estimate			Recommended Criteria				Toxicity Information (Lowest Observed Effect Level)		
	Sources of Drinking Water (water+organisms)	Other Waters (aquatic organism consumption only)	Sources of Drinking Water (water+organisms)	Other Waters (aquatic organism consumption only)	Taste & Odor or Welfare	Continuous Concentration (4-day Average)	24-hour Average	Maximum Concentration (1-hour Average)	Instantaneous Maximum	Acute	Chronic	Other
Nitromethane												
Nitrophenol											230 (88)	150 (38,88)
2-Nitrophenol											230 (88)	150 (38,88)
4-Nitrophenol											230 (88)	150 (38,88)
Nitrophenols											230	150 (38)
1-Nitropropane												
2-Nitropropane												
1-Nitropyrene												
4-Nitropyrene												
Nitrosamines	0.0008	1.24									5850	
N-Nitrosodi-n-butylamine			0.0063 (188)	0.22 (188)							5850 (56)	
N-Nitrosodiethanolamine			0.0125 (68)	1060 (68)							5850 (56)	
N-Nitrosodiethylamine			0.0008 (51,188)	1.24 (51,188)							5850 (56)	
N-Nitrosodimethylamine			0.00069 (188)	3 (188)							5850 (56)	
N-Nitrosodiphenylamine			3.3 (188)	6 (188)							5850 (56)	
p-Nitrosodiphenylamine											5850 (56)	
N-Nitrosodipropylamine			0.005 (188)	0.15 (188)							5850 (56)	
N-Nitroso-N-ethylurea												
4-(N-Nitrosomethylamino)- 1-(3-pyridyl)-1-butanone												
N-Nitrosomethylethylamine			0.0016 (68)	0.219 (68)							5850 (56)	
N-Nitroso-N-methylurea												
N-Nitroso-N-methylurethane												
N-Nitrosomethylvinylamine											5850 (56)	
N-Nitrosomorpholine												
N-Nitrosornicotine												
N-Nitrosopiperidine												
N-Nitrosopyrrolidine			0.016 (188)	34 (188)							5850 (56)	
N-Nitrososarcosine												
m-Nitrotoluene												
trans-Nonachlor												
Nonane												
Nonylphenol						6.6		28				
Norflurazon												
NuStar												
Ochratoxin A												
Octabromodiphenyl ether											360 (58)	122 (58)
Octachlorodibenzo-p-dioxin												
Octachlorodibenzofuran												
Octane												
Odor												
Oil and Grease	(51,128)				(51,128)					(51,129)		
Oryzalin												
Osmium tetroxide												
Oxadiazon												
Oxamyl												
Oxychlorane												
Oxyfluorfen												
Oxygen, dissolved						see page 26	see page 26					
Ozone												
Paclobutrazol												
PAHs			0.0044 (41)	0.049 (41)								
Paraquat												
Parathion						0.013		0.065				

WATER QUALITY LIMITS FOR CONSTITUENTS AND PARAMETERS (in ug/l or ppb unless noted)

CONSTITUENT or PARAMETER	California Ocean Plan Numerical Water Quality Objectives						USEPA National Recommended Ambient Water Quality Criteria for Saltwater Aquatic Life Protection						
	Human Health (30-day Average) aquatic organism consumption only	Marine Aquatic Life Protection					Recommended Criteria				Toxicity Information (Lowest Observed Effect Level)		
		6-month Median	30-day Average	7-day Average	Daily Maximum	Instantaneous Maximum	Continuous Concentration (4-day Average)	24-hour Average	Maximum Concentration (1-hour Average)	Instantaneous Maximum	Acute	Chronic	Other
Nitromethane													
Nitrophenol		30 (86)			120 (86)	300 (86)					4850 (88)		
2-Nitrophenol		30 (86)			120 (86)	300 (86)					4850 (88)		
4-Nitrophenol		30 (86)			120 (86)	300 (86)					4850 (88)		
Nitrophenols		30 (86)			120 (86)	300 (86)					4850		
1-Nitropropane													
2-Nitropropane													
1-Nitropyrene													
4-Nitropyrene													
Nitrosamines											3,300,000		
N-Nitrosodi-n-butylamine											3,300,000 (56)		
N-Nitrosodiethanolamine											3,300,000 (56)		
N-Nitrosodiethylamine											3,300,000 (56)		
N-Nitrosodimethylamine	7.3 (188)										3,300,000 (56)		
N-Nitrosodiphenylamine	2.5 (188)										3,300,000 (56)		
p-Nitrosodiphenylamine											3,300,000 (56)		
N-Nitrosodipropylamine	0.38 (188)										3,300,000 (56)		
N-Nitroso-N-ethylurea													
4-(N-Nitrosomethylamino)- 1-(3-pyridyl)-1-butanone													
N-Nitrosomethylethylamine											3,300,000 (56)		
N-Nitroso-N-methylurea													
N-Nitroso-N-methylurethane													
N-Nitrosomethylvinylamine											3,300,000 (56)		
N-Nitrosomorpholine													
N-Nitrosomonocotine													
N-Nitrosopiperidine													
N-Nitrosopyrrolidine											3,300,000 (56)		
N-Nitrososarcosine													
m-Nitrotoluene													
trans-Nonachlor	0.000023 (81,188)												
Nonane													
Nonylphenol							1.7		7				
Norflurazon													
NuStar													
Ochratoxin A													
Octabromodiphenyl ether													
Octachlorodibenzo-p-dioxin	0.0000039 (76,188)												
Octachlorodibenzofuran	0.0000039 (76,188)												
Octane													
Odor													
Oil and Grease			25,000 (117)	40,000 (117)		75,000 (117)					(51,129)		
Oryzalin													
Osmium tetroxide													
Oxadiazon													
Oxamyl													
Oxychlordane	0.000023 (81,188)												
Oxyfluorfen													
Oxygen, dissolved													
Ozone													
Paclobutrazol													
PAHs	0.0088 (33,188)										300		
Paraquat													
Parathion													

WATER QUALITY LIMITS FOR CONSTITUENTS AND PARAMETERS (in ug/l or ppb unless noted)

CONSTITUENT or PARAMETER	Chemical Abstracts Service Registry Number	Synonyms and Abbreviations	
Nitromethane	75-52-5		
Nitrophenol	25154-55-6	Mononitrophenols	
2-Nitrophenol	25154-55-7	o-Nitrophenol	
4-Nitrophenol	25154-55-8	p-Nitrophenol	
Nitrophenols		Phenols, nitro-	
1-Nitropropane	108-03-2		
2-Nitropropane	79-46-9		
1-Nitropyrene	5522-43-0		
4-Nitropyrene	57835-92-4		
Nitrosamines			
N-Nitrosodi-n-butylamine	924-16-3	Dibutylnitrosamine	DBNA
N-Nitrosodiethanolamine	1116-54-7	Diethanolnitrosamine	
N-Nitrosodiethylamine	55-18-5	Diethylnitrosamine	DEN
N-Nitrosodimethylamine	62-75-9	Dimethylnitrosamine	DMNA
N-Nitrosodiphenylamine	86-30-6	Diphenylnitrosamine	Redax
p-Nitrosodiphenylamine	156-10-5	Diphenylnitrosamine	NDPA
N-Nitrosodipropylamine	621-64-7	Dipropylnitrosamine	N-Nitrosodi-n-propylamine
N-Nitroso-N-ethylurea	759-73-9	Ethylnitrosourea	DPNA or NDPA
4-(N-Nitrosomethylamino)- 1-(3-pyridyl)-1-butanone	64091-91-4	NNK	ENU
N-Nitrosomethylethylamine	10595-95-6	Methyl ethyl nitrosamine	N-Nitroso-N-methylethylamine
N-Nitroso-N-methylurea	684-93-5	N-Nitroso-N-methylurea	Methylnitrosourea
N-Nitroso-N-methylurethane	615-53-2	Methylnitrosourethane	MNU
N-Nitrosomethylvinylamine	4549-40-0	Methyl vinyl nitrosamine	
N-Nitrosomorpholine	59-89-2		
N-Nitrosornicotine	16543-55-8		
N-Nitrosopiperidine	100-75-4		
N-Nitrosopyrrolidine	930-55-2		
N-Nitrososarcosine	13256-22-9		
m-Nitrotoluene	1321-12-6	m-Methylnitrobenzene	
trans-Nonachlor	39765-80-5	Nonachlor	
Nonane	111-84-2		
Nonylphenol	25154-52-3		
Norflurazon	27314-13-2	Azinone	
NuStar	85509-19-9	DPX-H6573	
Ochratoxin A	303-47-9		
Octabromodiphenyl ether	32536-52-0		
Octachlorodibenzo-p-dioxin	3268-87-9	1,2,3,4,6,7,8,9-Octachlorodibenzodioxin	1,2,3,4,6,7,8,9-OCDD a dioxin-like compound
Octachlorodibenzofuran	39001-02-0	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	1,2,3,4,6,7,8,9-OCDF a dioxin-like compound
Octane	111-65-9		
Odor			
Oil and Grease		Oil	Grease
Oryzalin	19044-88-3		
Osmium tetroxide	20816-12-0	OsO ₄	
Oxadiazon	19666-30-9		
Oxamyl	23135-22-0	Vydate	
Oxychlordane	27304-13-8		
Oxyfluorfen	42874-03-3	Goal	
Oxygen, dissolved	7782-44-7	Dissolved Oxygen	O ₂ DO
Ozone	10028-15-6	O ₃	
Paclotbutrazol	76738-62-0		
PAHs		Polynuclear aromatic hydrocarbons	PNAs
Paraquat	1910-42-5	Ortho paraquat	
Parathion	56-38-2	Ethyl parathion	Thiophos

WATER QUALITY LIMITS FOR CONSTITUENTS AND PARAMETERS (in ug/l or ppb unless noted)

CONSTITUENT or PARAMETER	Drinking Water Standards (California & Federal) Maximum Contaminant Levels (MCLs)					California Public Health Goal (PHG) in Drinking Water (Office of Environmental Health Hazard Assessment; OEHHA)	California State Notification Level (formerly Action Level) and Response Level for Drinking Water (CDPH) (191)	Agricultural Water Quality Limits (78)	Taste & Odor Threshold (see also Secondary MCL and National Recommended Water Quality Criteria)
	California Department of Public Health (CDPH)		U.S. Environmental Protection Agency (USEPA)						
	Primary MCL	Secondary MCL	Primary MCL	Secondary MCL	MCL Goal				
Pendimethalin									
Pentabromodiphenyl ether									
2,2',4,4',5-Pentabromo diphenyl ether									
Pentachlorobenzene									
2,3,3',4,4'-Pentachlorobiphenyl									
2,3,4,4',5-Pentachlorobiphenyl									
2',3,4,4',5-Pentachlorobiphenyl									
2,3',4,4',5-Pentachlorobiphenyl									
3,3',4,4',5-Pentachlorobiphenyl									
1,2,3,7,8-Pentachloro dibenzo-p-dioxin									
1,2,3,7,8-Pentachlorodibenzofuran									
2,3,4,7,8-Pentachlorodibenzofuran									
Pentachloroethane									
Pentachloronitrobenzene							20 / 200 (191)		
Pentachlorophenol	1		1		0 (185)	0.4 / 0.3 (68,188)		30 (125)	
Pentane								22 (126)	
Perchlorate	6					6			
Permethrin									
pH				6.5 / 8.5 units (30)				6.5 / 8.4 units (30)	
Phenacetin									
Phenanthrene									
Phenazopyridine									
Phenesterin									
Phenmedipham									
Phenobarbital									
Phenol							4200 / 42,000 (191)	7900 (126)	
Phenols, non-chlorinated									
Phenoxybenzamine									
m-Phenylenediamine									
o-Phenylenediamine									
Phenyl ether								180 (126)	
Phenyl glycidyl ether									
Phenylhydrazine									
Phenyl mercaptan								0.28 (126)	
Phenylmercuric acetate									
o-Phenylphenate, sodium									
Phorate									
Phosmet									
Phosphate phosphorus									
Phosphine								0.2 (126)	
Phosphorus									
Phthalate esters									
Phthalic anhydride									
Picloram	500		500		500	500			
Pirimiphos-methyl									
Polybrominated biphenyls									
Polychlorinated biphenyls	0.5		0.5		0 (185)	0.09 (149,188)			
Polygeenan									
Ponceau MC									
Ponceau 3R									

WATER QUALITY LIMITS FOR CONSTITUENTS AND PARAMETERS (in ug/l or ppb unless noted)

CONSTITUENT or PARAMETER	USEPA Integrated Risk Information System (IRIS) Reference Dose as a Drinking Water Level (60)	Drinking Water Health Advisories or Suggested No-Adverse-Response Levels (SNARLs) for toxicity other than cancer risk		One-in-a-Million Incremental Cancer Risk Estimates for Drinking Water				California Proposition 65 Safe Harbor Level (OEHHA) as a Drinking Water Level (14)	
		USEPA	National Academy of Sciences (NAS)	Cal/EPA Cancer Potency Factor as a Drinking Water Level (102)	USEPA Integrated Risk Information System (IRIS)	USEPA Drinking Water Health Advisory or SNARL	National Academy of Sciences (NAS)	No Significant Risk Level (one-in-100,000 cancer risk)	Maximum Allowable Dose Level for Reproductive Toxicity
Pendimethalin	280								
Pentabromodiphenyl ether	14 (177)				(D)				
2,2',4,4',5-Pentabromo diphenyl ether	0.7				(I)				
Pentachlorobenzene	6				(D)				
2,3,3',4,4'-Pentachlorobiphenyl				0.0027			(188)		
2,3,4,4',5-Pentachlorobiphenyl				0.00054			(188)		
2',3,4,4',5-Pentachlorobiphenyl				0.0027			(188)		
2,3',4,4',5-Pentachlorobiphenyl				0.0027			(188)		
3,3',4,4',5-Pentachlorobiphenyl				0.0000027			(188)		
1,2,3,7,8-Pentachloro dibenzo-p-dioxin				0.00000027			(188)		
1,2,3,7,8-Pentachlorodibenzofuran				0.00000054			(188)		
2,3,4,7,8-Pentachlorodibenzofuran				0.00000054			(188)		
Pentachloroethane									
Pentachloronitrobenzene	21						3.6		
Pentachlorophenol	210	300 (10-day)	6 / 21 (7)	0.43	0.3 (B2)	0.3 (B2)		20 (188)	
Pentane									
Perchlorate	5	20 / 40 (30,68)			(N)				
Permethrin	350								
pH									
Phenacetin				16				150 (188)	
Phenanthrene					(D)	(D)			
Phenazopyridine				0.21 / 0.23 (174)				2 / 2.5 (174,188)	
Phenesterin				0.00023				0.0025 (188)	
Phenmedipham	1800								
Phenobarbital				0.076				1 (188)	
Phenol	2100	2000 (166)			(D)	(D,68)			
Phenols, non-chlorinated									
Phenoxybenzamine				0.011 / 0.013 (174)				0.1 / 0.15 (174,188)	
m-Phenylenediamine	42								
o-Phenylenediamine								13 / 22 (174,188)	
Phenyl ether									
Phenyl glycidyl ether								2.5 (188)	
Phenylhydrazine								0.5 / 0.7 (174,188)	
Phenyl mercaptan									
Phenylmercuric acetate	0.6								
o-Phenylphenate, sodium				12				100 (188)	
Phorate			0.7						
Phosmet	140								
Phosphate phosphorus									
Phosphine	2				(D)				
Phosphorus	0.14 (40)	0.1 (40)			(D)	(D)			
Phthalate esters									
Phthalic anhydride	14,000								
Picloram	490	140 (168)	1050			(D)			
Pirimiphos-methyl	70								
Polybrominated biphenyls				0.0012				0.01 (188)	(189)
Polychlorinated biphenyls	0.49 / 0.14 (165)		50 (7-day)	0.007	0.1 (B2)	0.1 (B2,68)	0.16 (69)	0.045 (188)	(189)
Polygeenan								600 (188)	
Ponceau MC				7.8				100 (188)	
Ponceau 3R				2.2				20 (188)	

WATER QUALITY LIMITS FOR CONSTITUENTS AND PARAMETERS (in ug/l or ppb unless noted)

CONSTITUENT or PARAMETER	California Toxics Rule Criteria (USEPA) unless noted								
	Inland Surface Waters					Enclosed Bays & Estuaries			
	Human Health (30-day Average)		Freshwater Aquatic Life Protection			Human Health (30-day Average) aquatic organism consumption only		Saltwater Aquatic Life Protection	
	Drinking Water Sources (consumption of water and aquatic organisms)	Other Waters (aquatic organism consumption only)	Continuous Concentration (4-day Average)	Maximum Concentration (1-hour Average)	Instantaneous Maximum	Continuous Concentration (4-day Average)	Maximum Concentration (1-hour Average)	Instantaneous Maximum	
Pendimethalin									
Pentabromodiphenyl ether									
2,2',4,4',5-Pentabromo diphenyl ether									
Pentachlorobenzene									
2,3,3',4,4'-Pentachlorobiphenyl									
2,3,4,4',5-Pentachlorobiphenyl									
2',3,4,4',5-Pentachlorobiphenyl									
2,3',4,4',5-Pentachlorobiphenyl									
3,3',4,4',5-Pentachlorobiphenyl									
1,2,3,7,8-Pentachloro dibenzo-p-dioxin	0.000000013 (113,144)	0.000000014 (113,144)				0.000000014 (113,144)			
1,2,3,7,8-Pentachlorodibenzofuran	0.000000026 (113,144)	0.000000028 (113,144)				0.000000028 (113,144)			
2,3,4,7,8-Pentachlorodibenzofuran	0.000000026 (113,144)	0.000000028 (113,144)				0.000000028 (113,144)			
Pentachloroethane									
Pentachloronitrobenzene									
Pentachlorophenol	0.28 (113,188)	8.2 (113,188)	see page 27	see page 27		8.2 (113,188)	7.9	13	
Pentane									
Perchlorate									
Permethrin									
pH									
Phenacetin									
Phenanthrene									
Phenazopyridine									
Phenesterin									
Phenmedipham									
Phenobarbital									
Phenol	21,000	4,600,000				4,600,000			
Phenols, non-chlorinated									
Phenoxybenzamine									
m-Phenylenediamine									
o-Phenylenediamine									
Phenyl ether									
Phenyl glycidyl ether									
Phenylhydrazine									
Phenyl mercaptan									
Phenylmercuric acetate									
o-Phenylphenate, sodium									
Phorate									
Phosmet									
Phosphate phosphorus									
Phosphine									
Phosphorus									
Phthalate esters									
Phthalic anhydride									
Picloram									
Pirimiphos-methyl									
Polybrominated biphenyls									
Polychlorinated biphenyls	0.00017 (113,188)	0.00017 (113,188)	0.014 (114,116)			0.00017 (113,188)	0.03 (114,116)		
Polygeenan									
Ponceau MC									
Ponceau 3R									

WATER QUALITY LIMITS FOR CONSTITUENTS AND PARAMETERS (in ug/l or ppb unless noted)

CONSTITUENT or PARAMETER	USEPA National Recommended Ambient Water Quality Criteria unless noted											
	for Human Health and Welfare Protection						for Freshwater Aquatic Life Protection					
	Non-Cancer Health Effects		One-in-a-Million Cancer Risk Estimate		Taste & Odor or Welfare	Recommended Criteria			Toxicity Information (Lowest Observed Effect Level)			
	Sources of Drinking Water (water+organisms)	Other Waters (aquatic organism consumption only)	Sources of Drinking Water (water+organisms)	Other Waters (aquatic organism consumption only)		Continuous Concentration (4-day Average)	24-hour Average	Maximum Concentration (1-hour Average)	Instantaneous Maximum	Acute	Chronic	Other
Pendimethalin												
Pentabromodiphenyl ether										360 (58)	122 (58)	
2,2',4,4',5-Pentabromo diphenyl ether										360 (58)	122 (58)	
Pentachlorobenzene	1.4	1.5								250 (22)		50 (22,23)
2,3,3',4,4'-Pentachlorobiphenyl												
2,3,4,4',5-Pentachlorobiphenyl												
2',3,4,4',5-Pentachlorobiphenyl												
2,3',4,4',5-Pentachlorobiphenyl												
3,3',4,4',5-Pentachlorobiphenyl												
1,2,3,7,8-Pentachloro dibenzo-p-dioxin												
1,2,3,7,8-Pentachlorodibenzofuran												
2,3,4,7,8-Pentachlorodibenzofuran												
Pentachloroethane										7240	1100	
Pentachloronitrobenzene												
Pentachlorophenol			0.27 (188)	3 (188)	30	see page 27		see page 27				
Pentane												
Perchlorate												
Permethrin								0.03 (152)				
pH					5 / 9 units (30,51)				6.5 / 9 units (30,51)			
Phenacetin												
Phenanthrene												
Phenazopyridine												
Phenesterin												
Phenmedipham												
Phenobarbital												
Phenol	21,000	1,700,000			300					10,200	2560	
Phenols, non-chlorinated												
Phenoxybenzamine												
m-Phenylenediamine												
o-Phenylenediamine												
Phenyl ether												
Phenyl glycidyl ether												
Phenylhydrazine												
Phenyl mercaptan												
Phenylmercuric acetate												
o-Phenylphenate, sodium												
Phorate												
Phosmet												
Phosphate phosphorus							(141)					
Phosphine												
Phosphorus												
Phthalate esters										940	3	
Phthalic anhydride												
Picloram												
Pirimiphos-methyl												
Polybrominated biphenyls												
Polychlorinated biphenyls			0.000064 (173,188)	0.000064 (173,188)		0.014 (114,173)				2		
Polygeenan												
Ponceau MC												
Ponceau 3R												

WATER QUALITY LIMITS FOR CONSTITUENTS AND PARAMETERS (in ug/l or ppb unless noted)

CONSTITUENT or PARAMETER	California Ocean Plan Numerical Water Quality Objectives						USEPA National Recommended Ambient Water Quality Criteria for Saltwater Aquatic Life Protection						
	Human Health (30-day Average) aquatic organism consumption only	Marine Aquatic Life Protection					Recommended Criteria				Toxicity Information (Lowest Observed Effect Level)		
		6-month Median	30-day Average	7-day Average	Daily Maximum	Instantaneous Maximum	Continuous Concentration (4-day Average)	24-hour Average	Maximum Concentration (1-hour Average)	Instantaneous Maximum	Acute	Chronic	Other
Pendimethalin													
Pentabromodiphenyl ether													
2,2',4,4',5-Pentabromo diphenyl ether													
Pentachlorobenzene										160 (22)	129 (22)		
2,3,3',4,4'-Pentachlorobiphenyl													
2,3,4,4',5-Pentachlorobiphenyl													
2',3,4,4',5-Pentachlorobiphenyl													
2,3',4,4',5-Pentachlorobiphenyl													
3,3',4,4',5-Pentachlorobiphenyl													
1,2,3,7,8-Pentachloro dibenzo-p-dioxin	0.000000078 (76,188)												
1,2,3,7,8-Pentachlorodibenzofuran	0.000000078 (76,188)												
2,3,4,7,8-Pentachlorodibenzofuran	0.000000078 (76,188)												
Pentachloroethane										390	281		
Pentachloronitrobenzene													
Pentachlorophenol		1 (87)			4 (87)	10 (87)	7.9		13				
Pentane													
Perchlorate													
Permethrin									0.001 (151)				
pH						6 / 9 units (30,117)				6.5 / 8.5 units (51,132)			
Phenacetin													
Phenanthrene	0.0088 (33,188)									300 (52)			
Phenazopyridine													
Phenesterin													
Phenmedipham													
Phenobarbital													
Phenol		30 (86)			120 (86)	300 (86)				5800			
Phenols, non-chlorinated		30			120	300							
Phenoxybenzamine													
m-Phenylenediamine													
o-Phenylenediamine													
Phenyl ether													
Phenyl glycidyl ether													
Phenylhydrazine													
Phenyl mercaptan													
Phenylmercuric acetate													
o-Phenylphenate, sodium													
Phorate													
Phosmet													
Phosphate phosphorus							(141)						
Phosphine													
Phosphorus										0.1 (51,79)			
Phthalate esters										2944		3.4 (38)	
Phthalic anhydride													
Picloram													
Pirimiphos-methyl													
Polybrominated biphenyls													
Polychlorinated biphenyls	0.000019 (118,188)							0.03 (114,173)		10			
Polygeenan													
Ponceau MC													
Ponceau 3R													

WATER QUALITY LIMITS FOR CONSTITUENTS AND PARAMETERS (in ug/l or ppb unless noted)

CONSTITUENT or PARAMETER	Chemical Abstracts Service Registry Number	Synonyms and Abbreviations	
Pendimethalin	40487-42-1	Prowl	
Pentabromodiphenyl ether	32534-81-9	PentaBDE	
2,2',4,4',5-Pentabromo diphenyl ether	60348-60-9	BDE-99	PBDE-99
Pentachlorobenzene	608-93-5		1,2,4-Tribromo-5-(2,4-dibromophenoxy)benzene
2,3,3',4,4'-Pentachlorobiphenyl	332598-14-4	PCB 105	a polychlorinated biphenyl
2,3,4,4',5-Pentachlorobiphenyl	74472-37-0	PCB 114	a polychlorinated biphenyl
2',3,4,4',5-Pentachlorobiphenyl	65510-44-3	PCB 123	a polychlorinated biphenyl
2,3',4,4',5-Pentachlorobiphenyl	31508-00-6	PCB 118	a polychlorinated biphenyl
3,3',4,4',5-Pentachlorobiphenyl	57465-28-8	PCB 126	a polychlorinated biphenyl
1,2,3,7,8-Pentachloro dibenzo-p-dioxin	40321-76-4	1,2,3,7,8-Pentachlorodibenzodioxin	1,2,3,7,8-PeCDD
1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	1,2,3,7,8-PeCDF	a dioxin-like compound
2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	2,3,4,7,8-PeCDF	a dioxin-like compound
Pentachloroethane	76-01-7		
Pentachloronitrobenzene	82-68-8	PCNB	Terraclor
Pentachlorophenol	87-86-5	PCP	Penta
Pentane	109-66-0		
Perchlorate	14797-73-0	ClO ₄ ⁻	
Permethrin	52645-53-1		
pH		negative log of H ⁺ concentration	
Phenacetin	62-44-2		
Phenanthrene	85-01-8		a polynuclear aromatic hydrocarbon
Phenazopyridine	94-78-0	2,6-Diamino-3-phenylazopyridine	Diridone
Phenesterin	3546-10-9	Chloroethylaminobenzeneacetate	
Phenmedipham	13684-63-4	Betanal	
Phenobarbital	50-06-6		
Phenol	108-95-2		
Phenols, non-chlorinated			
Phenoxybenzamine	59-96-1	Benslyte	Dibenzylne
m-Phenylenediamine	108-45-2	1,3-Diaminobenzene	Direct Brown BR
o-Phenylenediamine	95-54-5	1,2-Benzenediamine	1,2-Diaminobenzene
Phenyl ether	101-84-8	Diphenyl ether	o-Diaminobenzene
Phenyl glycidyl ether	122-60-1		
Phenylhydrazine	100-63-0		
Phenyl mercaptan	108-98-5	Thiophenol	
Phenylmercuric acetate	62-38-4		
o-Phenylphenate, sodium	132-27-4	Sodium o-phenylphenate	Stop Mold
Phorate	298-02-2	Thimet	Steri-Seal
Phosmet	732-11-6		
Phosphate phosphorus	14265-44-2		
Phosphine	7803-51-2	Hydrogen phosphide	
Phosphorus	7723-14-0	P	
Phthalate esters		Phthalates	Phthalic acid esters (PAEs)
Phthalic anhydride	85-44-9		
Picloram	1918-02-1	Tordon	
Pirimiphos-methyl	29232-93-7		
Polybrominated biphenyls		PBBs	
Polychlorinated biphenyls	1336-36-3	PCBs	Aroclor
Polygeenan	53973-98-1	Poligeenan	
Ponceau MC	3761-53-3	D&C Red No. 5	Ponceau MX
Ponceau 3R	3564-09-8	FD&C Red No. 1	

WATER QUALITY LIMITS FOR CONSTITUENTS AND PARAMETERS (in ug/l or ppb unless noted)

CONSTITUENT or PARAMETER	Drinking Water Standards (California & Federal) Maximum Contaminant Levels (MCLs)					California Public Health Goal (PHG) in Drinking Water (Office of Environmental Health Hazard Assessment; OEHA)	California State Notification Level (formerly Action Level) and Response Level for Drinking Water (CDPH) (191)	Agricultural Water Quality Limits (78)	Taste & Odor Threshold (see also Secondary MCL and National Recommended Water Quality Criteria)
	California Department of Public Health (CDPH)		U.S. Environmental Protection Agency (USEPA)						
	Primary MCL	Secondary MCL	Primary MCL	Secondary MCL	MCL Goal				
Potassium bromate									
Potassium cyanide									
Potassium dimethyldithiocarbamate									
Potassium silver cyanide									
Procarbazine									
Prochloraz									
Prometon									
Prometryn									
Pronamide									
Propachlor							90 / 900 (191)		
Propane								1000 (126)	
1,3-Propane sultone									
Propanil									
Propargite									
Propargyl alcohol									
Propazine									
Propham									
Propiconazole									
beta-Propiolactone									
Propionic acid								28,000 (126)	
n-Propyl acetate								310 (126)	
n-Propyl alcohol								23,000 (126)	
n-Propylbenzene							260 / 2600 (191)		
Propylene								28 (126)	
Propyleneimine									
Propylene oxide								31,000 (126)	
n-Propyl nitrate								15,000 (126)	
Propylthiouracil									
Pursuit									
Pydrin									
Pyrene									
Pyridine								950 (126)	
Quinalphos									
Quinoline									
Quinone								9300 (126)	
Radioactivity, Gross Alpha	15 pCi/L (110)		15 pCi/L (110)		0 (110,185)	(188,190)			
Radioactivity, Gross Beta	4 mrem/yr (171)		4 mrem/yr		0 (185)	(188,190)			
Radium-226 + Radium-228	5 pCi/L		5 pCi/L		0 (185)	0.05 / 0.019 pCi/L (100,188)			
Radon			300 pCi/L (68)		0 (68,185)				
RDX (Cyclonite)							0.3 / 30 (188,191)		
Reserpine									
Resmethrin									
Resorcinol									
Rotenone									
Safrole									
Savey									
Selenium	50		50		50			20	
Sethoxydim									
Settleable solids									
Silver		100		100					
Silver cyanide									
Simazine	4		4		4	4			
Sodium							69,000	30,000 / 60,000 (10,30)	

WATER QUALITY LIMITS FOR CONSTITUENTS AND PARAMETERS (in ug/l or ppb unless noted)

CONSTITUENT or PARAMETER	USEPA Integrated Risk Information System (IRIS) Reference Dose as a Drinking Water Level (60)	Drinking Water Health Advisories or Suggested No-Adverse-Response Levels (SNARLs) for toxicity other than cancer risk		One-in-a-Million Incremental Cancer Risk Estimates for Drinking Water				California Proposition 65 Safe Harbor Level (OEHHA) as a Drinking Water Level (14)	
		USEPA	National Academy of Sciences (NAS)	Cal/EPA Cancer Potency Factor as a Drinking Water Level (102)	USEPA Integrated Risk Information System (IRIS)	USEPA Drinking Water Health Advisory or SNARL	National Academy of Sciences (NAS)	No Significant Risk Level (one-in-100,000 cancer risk)	Maximum Allowable Dose Level for Reproductive Toxicity
Potassium bromate				0.071				0.5 (188)	
Potassium cyanide	350								
Potassium dimethyldithiocarbamate									360 (189)
Potassium silver cyanide	1400								
Procarbazine				0.0025 / 0.0029 (174)				0.025 / 0.03 (174,188)	(174,189)
Prochloraz	6.3				0.2 (C)				
Prometon	110	100				(D)			
Prometryn	28								
Pronamide	53	560 (168)				2 (B2,167)		(188)	
Propachlor	91	350 (168)	700			(L,167)		(188)	
Propane									
1,3-Propane sultone				0.015				0.15 (188)	
Propanil	35		140						
Propargite	140							(188)	(189)
Propargyl alcohol	14								
Propazine	14	10 (167)	325			(N)			
Propham	140	100				(D)			
Propiconazole	91								
beta-Propiolactone				0.0025				0.025 (188)	
Propionic acid									
n-Propyl acetate									
n-Propyl alcohol									
n-Propylbenzene									
Propylene									
Propyleneimine								0.014 (188)	
Propylene oxide				0.15	0.1 (B2)			1.5 (68,188)	
n-Propyl nitrate									
Propylthiouracil				0.035				0.35 (188)	(189)
Pursuit	1750								
Pydrin	175								
Pyrene	210				(D)	(D)			
Pyridine	7							(188)	
Quinalphos	4								
Quinoline					0.01 (B2,147)			(188)	
Quinone									
Radioactivity, Gross Alpha						0.15 pCi/L (A,110)			
Radioactivity, Gross Beta						0.04 mrem/yr (A)			
Radium-226 + Radium-228						(A)			
Radon						1.5 pCi/L (A)			
RDX (Cyclonite)	2.1	2			0.3 (C)	0.3 (C)			
Reserpine				0.0032				0.03 (188)	
Resmethrin	210							(188)	(189)
Resorcinol			500 (7-day)						
Rotenone	28		14						
Safrole				0.16				1.5 (188)	
Savey	175								
Selenium	35	50			(D)	(D)			
Sethoxydim	630								
Settleable solids									
Silver	35	100			(D)	(D)			
Silver cyanide	700 (147)								
Simazine	3.5	140 (168)	1505			(N,167)			
Sodium		20,000 (57)							

WATER QUALITY LIMITS FOR CONSTITUENTS AND PARAMETERS (in ug/l or ppb unless noted)

CONSTITUENT or PARAMETER	California Toxics Rule Criteria (USEPA) unless noted								
	Inland Surface Waters					Enclosed Bays & Estuaries			
	Human Health (30-day Average)		Freshwater Aquatic Life Protection			Human Health (30-day Average)		Saltwater Aquatic Life Protection	
	Drinking Water Sources (consumption of water and aquatic organisms)	Other Waters (aquatic organism consumption only)	Continuous Concentration (4-day Average)	Maximum Concentration (1-hour Average)	Instantaneous Maximum	Human Health (30-day Average) aquatic organism consumption only	Continuous Concentration (4-day Average)	Maximum Concentration (1-hour Average)	Instantaneous Maximum
Potassium bromate									
Potassium cyanide									
Potassium dimethyldithiocarbamate									
Potassium silver cyanide									
Procarbazine									
Prochloraz									
Prometon									
Prometryn									
Pronamide									
Propachlor									
Propane									
1,3-Propane sultone									
Propanil									
Propargite									
Propargyl alcohol									
Propazine									
Propham									
Propiconazole									
beta-Propiolactone									
Propionic acid									
n-Propyl acetate									
n-Propyl alcohol									
n-Propylbenzene									
Propylene									
Propyleneimine									
Propylene oxide									
n-Propyl nitrate									
Propylthiouracil									
Pursuit									
Pydrin									
Pyrene	960	11,000				11,000			
Pyridine									
Quinalphos									
Quinoline									
Quinone									
Radioactivity, Gross Alpha									
Radioactivity, Gross Beta									
Radium-226 + Radium-228									
Radon									
RDX (Cyclonite)									
Reserpine									
Resmethrin									
Resorcinol									
Rotenone									
Safrole									
Savey									
Selenium			5 (97,142)	20 (85,142)			71 (1,142)	290 (1,142)	
Sethoxydim									
Settleable solids									
Silver				see page 28 (1,142)				1.9 (1,142)	
Silver cyanide									
Simazine									
Sodium									

WATER QUALITY LIMITS FOR CONSTITUENTS AND PARAMETERS (in ug/l or ppb unless noted)

CONSTITUENT or PARAMETER	USEPA National Recommended Ambient Water Quality Criteria unless noted												
	for Human Health and Welfare Protection						for Freshwater Aquatic Life Protection						
	Non-Cancer Health Effects		One-in-a-Million Cancer Risk Estimate				Recommended Criteria				Toxicity Information (Lowest Observed Effect Level)		
	Sources of Drinking Water (water+organisms)	Other Waters (aquatic organism consumption only)	Sources of Drinking Water (water+organisms)	Other Waters (aquatic organism consumption only)	Taste & Odor or Welfare	Continuous Concentration (4-day Average)	24-hour Average	Maximum Concentration (1-hour Average)	Instantaneous Maximum	Acute	Chronic	Other	
Potassium bromate													
Potassium cyanide													
Potassium dimethyldithiocarbamate													
Potassium silver cyanide													
Procarbazine													
Prochloraz													
Prometon													
Prometryn													
Pronamide													
Propachlor	466 (8)								8 (8)				
Propane													
1,3-Propane sultone													
Propanil													
Propargite													
Propargyl alcohol													
Propazine													
Propham													
Propiconazole													
beta-Propiolactone													
Propionic acid													
n-Propyl acetate													
n-Propyl alcohol													
n-Propylbenzene													
Propylene													
Propyleneimine													
Propylene oxide													
n-Propyl nitrate													
Propylthiouracil													
Pursuit													
Pydrin													
Pyrene	830	4000											
Pyridine													
Quinalphos													
Quinoline													
Quinone													
Radioactivity, Gross Alpha													
Radioactivity, Gross Beta													
Radium-226 + Radium-228													
Radon													
RDX (Cyclonite)													
Reserpine													
Resmethrin													
Resorcinol													
Rotenone									10 (54)				
Safrole													
Savey													
Selenium	170 (2)	4200 (2)				5 (135,136)	258 (2,199)	(135)					
Sethoxydim													
Settleable solids									(51,131)				
Silver									see page 29 (1,154)				
Silver cyanide													
Simazine									10 (54)				
Sodium													

WATER QUALITY LIMITS FOR CONSTITUENTS AND PARAMETERS (in ug/l or ppb unless noted)

CONSTITUENT or PARAMETER	California Ocean Plan Numerical Water Quality Objectives						USEPA National Recommended Ambient Water Quality Criteria for Saltwater Aquatic Life Protection						
	Human Health (30-day Average) aquatic organism consumption only	Marine Aquatic Life Protection					Recommended Criteria				Toxicity Information (Lowest Observed Effect Level)		
		6-month Median	30-day Average	7-day Average	Daily Maximum	Instantaneous Maximum	Continuous Concentration (4-day Average)	24-hour Average	Maximum Concentration (1-hour Average)	Instantaneous Maximum	Acute	Chronic	Other
Potassium bromate													
Potassium cyanide													
Potassium dimethyldithiocarbamate													
Potassium silver cyanide													
Procarbazine													
Prochloraz													
Prometon													
Prometryn													
Pronamide													
Propachlor													
Propane													
1,3-Propane sultone													
Propanil													
Propargite													
Propargyl alcohol													
Propazine													
Propham													
Propiconazole													
beta-Propiolactone													
Propionic acid													
n-Propyl acetate													
n-Propyl alcohol													
n-Propylbenzene													
Propylene													
Propyleneimine													
Propylene oxide													
n-Propyl nitrate													
Propylthiouracil													
Pursuit													
Pydrin													
Pyrene	0.0088 (33,188)										300 (52)		
Pyridine													
Quinalphos													
Quinoline													
Quinone													
Radioactivity, Gross Alpha													
Radioactivity, Gross Beta													
Radium-226 + Radium-228													
Radon													
RDX (Cyclonite)													
Reserpine													
Resmethrin													
Resorcinol		30 (86)			120 (86)	300 (86)							
Rotenone													
Safrole													
Savey													
Selenium		15			60	150	71 (1,136)	127 (68,200)	290 (1)				
Sethoxydim													
Settleable solids			1000 (117)	1500 (117)		3000 (117)							
Silver		0.7			2.8	7				1.9 (1,154)			
Silver cyanide													
Simazine													
Sodium													

WATER QUALITY LIMITS FOR CONSTITUENTS AND PARAMETERS (in ug/l or ppb unless noted)

CONSTITUENT or PARAMETER	Chemical Abstracts Service Registry Number	Synonyms and Abbreviations	
Potassium bromate	7758-01-2		
Potassium cyanide	151-50-8	Cyanide, potassium	
Potassium dimethyldithiocarbamate	128-03-0	Busan 85	
Potassium silver cyanide	506-61-6	Silver potassium cyanide	
Procarbazine	671-16-9	1-Methyl-2-(p-(isopropylcarbamoyl)benzyl)hydrazine	MIH
Prochloraz	67747-09-5	BTS 40542	
Prometon	1610-18-0	Gesafram 50	Methoxypropazine
Prometryn	7287-19-6		Pramitol
Pronamide	23950-58-5	Kerb	Propyzamide
Propachlor	1918-16-7	Ramrod	
Propane	74-98-6		
1,3-Propane sultone	1120-71-4		
Propanil	709-98-8		
Propargite	2312-35-8	Omite	
Propargyl alcohol	107-19-7	2-Propynol	
Propazine	139-40-2	Milogard	
Propham	122-42-9	Profam	Prophos
Propiconazole	60207-90-1	Banner	
beta-Propiolactone	57-57-8		
Propionic acid	93-65-2	Propanoic acid	
n-Propyl acetate	109-60-4		
n-Propyl alcohol	71-23-8	1-Propanol	
n-Propylbenzene	103-65-1	1-Phenylpropane	
Propylene	115-07-1	Propene	
Propyleneimine	75-55-8	2-Methylaziridine	
Propylene oxide	75-56-9		
n-Propyl nitrate	627-13-4	NPN	
Propylthiouracil	51-52-5		
Pursuit	81335-77-5		
Pydrin	51630-58-1	Fenvalerate	
Pyrene	129-00-0		a polynuclear aromatic hydrocarbon
Pyridine	110-86-1		
Quinalphos	13593-03-8		
Quinoline	91-22-5	1-Azanaphthalene	Benzopyridine
Quinone	106-51-4	1,4-Benzoquinone	1-Benzazine
Radioactivity, Gross Alpha		Gross Alpha radioactivity	
Radioactivity, Gross Beta		Gross Beta radioactivity	
Radium-226 + Radium-228	7440-14-4	226Ra + 228Ra	
Radon	14859-67-7	Rn	
RDX (Cyclonite)	121-82-4	Cyclonite	Hexogen
Reserpine	50-55-5		Hexahydro-1,3,5-trinitro-1,3,5-triazine
Resmethrin	10453-86-8	SBP-1382	
Resorcinol	108-46-3		
Rotenone	83-79-4		
Safrole	94-59-7	4-Allyl-1,2-methylenedioxybenzene	
Savey	78587-05-0	DPX-Y5893	
Selenium	7782-49-2	Se	
Sethoxydim	74051-80-2	Poast	
Settleable solids			
Silver	7440-22-4	Ag	
Silver cyanide	506-64-9	Cyanide, silver	
Simazine	122-34-9	Princep	
Sodium	7440-23-5	Na	

WATER QUALITY LIMITS FOR CONSTITUENTS AND PARAMETERS (in ug/l or ppb unless noted)

CONSTITUENT or PARAMETER	Drinking Water Standards (California & Federal) Maximum Contaminant Levels (MCLs)					California Public Health Goal (PHG) in Drinking Water (Office of Environmental Health Hazard Assessment; OEHA)	California State Notification Level (formerly Action Level) and Response Level for Drinking Water (CDPH) (191)	Agricultural Water Quality Limits (78)	Taste & Odor Threshold (see also Secondary MCL and National Recommended Water Quality Criteria)
	California Department of Public Health (CDPH)		U.S. Environmental Protection Agency (USEPA)						
	Primary MCL	Secondary MCL	Primary MCL	Secondary MCL	MCL Goal				
Sodium azide									
Sodium cyanide									
Sodium diethyldithiocarbamate									
Sodium dimethyldithiocarbamate									
Sodium fluoroacetate									
Sterigmatocystin									
Streptozotocin									
Strontium									
Strontium-90	8 pCi/L (171)		(3)			0.35 pCi/L (188)			
Strychnine									
Styrene	100		100	10 (68)	100	0.5 (68,188)		11 (126)	
Styrene oxide									
Sulfallate									
Sulfate		250,000 (73)	500,000 (68)	250,000	500,000 (68)			250,000 (10)	
Sulfur dioxide								110 (126)	
Sythane									
2,4,5-T									
Tebuthiuron									
Terbacil									
Terbufos									
Terbutryn									
2,2',4,4'-Tetrabromodiphenyl ether									
1,2,4,5-Tetrachlorobenzene									
3,3',4,4'-Tetrachlorobiphenyl									
3,4,4',5-Tetrachlorobiphenyl									
2,3,7,8-Tetrachloro dibenzo-p-dioxin	0.00003		0.00003		0 (185)	0.000001 (68,188)			
2,3,7,8-Tetrachlorodibenzofuran									
1,1,1,2-Tetrachloroethane									
1,1,2,2-Tetrachloroethane	1					0.1 (188)		500 (126)	
Tetrachloroethylene (PCE)	5		5		0 (185)	0.06 (188)		170 (126)	
2,3,4,6-Tetrachlorophenol									
2,3,5,6-Tetrachlorophenol									
2,3,5,6-Tetrachloroterephthalate							3500 / 35,000 (191)		
Tetrachlorovinphos									
Tetraethyldithiopyrophosphate									
Tetraethyl lead									
Tetrahydrofuran									
Tetranitromethane									
Thallium	2		2		0.5	0.1 (147)			
Thioacetamide									
Thiobencarb	70	1				70 (158)			
4,4'-Thiodianiline									
Thiophanate-methyl									
Thiourea									
Thiram									
Toluene	150		1000	40 (68)	1000	150		42 (26,125)	
Toluene diisocyanate									
o-Toluidine								11,000 (126)	
Total dissolved solids (TDS)		500,000 (75)		500,000			450,000		
Toxaphene	3		3		0 (185)	0.03 (188)		140 (125)	
2,4,5-TP (Silvex)	50		50		50	25			
Tralomehrin									
Triallate									
Triasulfuron									
1,2,4-Tribromobenzene									

WATER QUALITY LIMITS FOR CONSTITUENTS AND PARAMETERS (in ug/l or ppb unless noted)

CONSTITUENT or PARAMETER	USEPA Integrated Risk Information System (IRIS) Reference Dose as a Drinking Water Level (60)	Drinking Water Health Advisories or Suggested No-Adverse-Response Levels (SNARLs) for toxicity other than cancer risk		One-in-a-Million Incremental Cancer Risk Estimates for Drinking Water				California Proposition 65 Safe Harbor Level (OEHHA) as a Drinking Water Level (14)	
		USEPA	National Academy of Sciences (NAS)	Cal/EPA Cancer Potency Factor as a Drinking Water Level (102)	USEPA Integrated Risk Information System (IRIS)	USEPA Drinking Water Health Advisory or SNARL	National Academy of Sciences (NAS)	No Significant Risk Level (one-in-100,000 cancer risk)	Maximum Allowable Dose Level for Reproductive Toxicity
Sodium azide	28								
Sodium cyanide	280								
Sodium diethyldithiocarbamate	210								
Sodium dimethyldithiocarbamate									12 (189)
Sodium fluoroacetate	0.14								(189)
Sterigmatocystin				0.16				0.01 (188)	
Streptozotocin				0.00032				0.003 (188)	(189)
Strontium	4200	4000 (166)	8400 (7-day)			(D,68)			
Strontium-90						(A)			
Strychnine	2								
Styrene	140	100	931			(C)			
Styrene oxide				0.22				2 (188)	
Sulfallate				0.18			0.31	2 (188)	
Sulfate		500,000 (10)							
Sulfur dioxide									
Systhane	180								
2,4,5-T	70	70	700			(D)			
Tebuthiuron	490	500				(D)			
Terbacil	91	90				(E)			(189)
Terbufos		0.4 (167)				(D)			
Terbutryn	7								
2,2',4,4'-Tetrabromodiphenyl ether	0.7				(I)				
1,2,4,5-Tetrachlorobenzene	2								
3,3',4,4'-Tetrachlorobiphenyl				0.0027				(188)	
3,4,4',5-Tetrachlorobiphenyl				0.0027				(188)	
2,3,7,8-Tetrachloro dibenzo-p-dioxin		0.0001 (10-day)	0.0007	0.00000027		0.0000002 (B2)		0.0000025 (188)	(189)
2,3,7,8-Tetrachlorodibenzofuran				0.00000027				(188)	
1,1,1,2-Tetrachloroethane	21 (147)	70			1 (C,147)	1 (C)			
1,1,2,2-Tetrachloroethane		0.3		0.13	0.2 (C)	0.2 (C)		1.5 (188)	
Tetrachloroethylene (PCE)	70 / 28 (68)	10		0.065	0.35 / 3.5 (30,68)		3.6	7 (188)	
2,3,4,6-Tetrachlorophenol	210								
2,3,5,6-Tetrachlorophenol									
2,3,5,6-Tetrachloroterephthalate									
Tetrachlorovinphos	210								
Tetraethyldithiopyrophosphate	3.5								
Tetraethyl lead	0.0007								
Tetrahydrofuran	210 (68)				(S,68)				
Tetranitromethane								0.0295 (188)	
Thallium	0.6 / 0.14 (68,202)	0.5			(D)				
Thioacetamide				0.0057				0.05 (188)	
Thiobencarb	70								
4,4'-Thiodianiline				0.0023				0.025 (188)	
Thiophanate-methyl	560								300 (189)
Thiourea				0.49				5 (188)	
Thiram	35		35						
Toluene	560	560 (60,166)	340		(I)	(I,166)			3500 (189)
Toluene diisocyanate				0.9				10 (188)	
o-Toluidine				0.19 / 0.27 (174)				2 / 2.5 (174,188)	
Total dissolved solids (TDS)									
Toxaphene		4 (10-day)	8.75	0.029	0.03 (B2)	0.03 (B2)		0.3 (188)	
2,4,5-TP (Silvex)	56	50	5.25		(D)	(D)			
Tralomehrin	53								
Triallate	91								
Triasulfuron	70								
1,2,4-Tribromobenzene	35 (147)								

WATER QUALITY LIMITS FOR CONSTITUENTS AND PARAMETERS (in ug/l or ppb unless noted)

CONSTITUENT or PARAMETER	California Toxics Rule Criteria (USEPA) unless noted								
	Inland Surface Waters					Enclosed Bays & Estuaries			
	Human Health (30-day Average)		Freshwater Aquatic Life Protection			Human Health (30-day Average) aquatic organism consumption only		Saltwater Aquatic Life Protection	
	Drinking Water Sources (consumption of water and aquatic organisms)	Other Waters (aquatic organism consumption only)	Continuous Concentration (4-day Average)	Maximum Concentration (1-hour Average)	Instantaneous Maximum	Continuous Concentration (4-day Average)	Maximum Concentration (1-hour Average)	Instantaneous Maximum	
Sodium azide									
Sodium cyanide									
Sodium diethyldithiocarbamate									
Sodium dimethyldithiocarbamate									
Sodium fluoroacetate									
Sterigmatocystin									
Streptozotocin									
Strontium									
Strontium-90									
Strychnine									
Styrene									
Styrene oxide									
Sulfallate									
Sulfate									
Sulfur dioxide									
Systhane									
2,4,5-T									
Tebuthiuron									
Terbacil									
Terbufos									
Terbutryn									
2,2',4,4'-Tetrabromodiphenyl ether									
1,2,4,5-Tetrachlorobenzene									
3,3',4,4'-Tetrachlorobiphenyl									
3,4,4',5-Tetrachlorobiphenyl									
2,3,7,8-Tetrachloro dibenzo-p-dioxin	0.000000013 (113,144)	0.000000014 (113,144)				0.000000014 (113,144)			
2,3,7,8-Tetrachlorodibenzofuran	0.00000013 (113,144)	0.00000014 (113,144)				0.00000014 (113,144)			
1,1,1,2-Tetrachloroethane									
1,1,2,2-Tetrachloroethane	0.17 (113,143)	11 (113,143)				11 (113,143)			
Tetrachloroethylene (PCE)	0.8 (113,143)	8.85 (113,143)				8.85 (113,143)			
2,3,4,6-Tetrachlorophenol									
2,3,5,6-Tetrachlorophenol									
2,3,5,6-Tetrachloroterephthalate									
Tetrachlorovinphos									
Tetraethyldithiopyrophosphate									
Tetraethyl lead									
Tetrahydrofuran									
Tetranitromethane									
Thallium	1.7 (2,143)	6.3 (2,143)				6.3 (2,143)			
Thioacetamide									
Thiobencarb									
4,4'-Thiodianiline									
Thiophanate-methyl									
Thiourea									
Thiram									
Toluene	6800	200,000				200,000			
Toluene diisocyanate									
o-Toluidine									
Total dissolved solids (TDS)									
Toxaphene	0.00073 (113,188)	0.00075 (113,188)	0.0002	0.73		0.00075 (113,188)	0.0002	0.21	
2,4,5-TP (Silvex)									
Tralomehrin									
Triallate									
Triasulfuron									
1,2,4-Tribromobenzene									

WATER QUALITY LIMITS FOR CONSTITUENTS AND PARAMETERS (in ug/l or ppb unless noted)

CONSTITUENT or PARAMETER	USEPA National Recommended Ambient Water Quality Criteria unless noted											
	for Human Health and Welfare Protection						for Freshwater Aquatic Life Protection					
	Non-Cancer Health Effects		One-in-a-Million Cancer Risk Estimate		Taste & Odor or Welfare	Recommended Criteria			Toxicity Information (Lowest Observed Effect Level)			
	Sources of Drinking Water (water+organisms)	Other Waters (aquatic organism consumption only)	Sources of Drinking Water (water+organisms)	Other Waters (aquatic organism consumption only)		Continuous Concentration (4-day Average)	24-hour Average	Maximum Concentration (1-hour Average)	Instantaneous Maximum	Acute	Chronic	Other
Sodium azide												
Sodium cyanide												
Sodium diethyldithiocarbamate												
Sodium dimethyldithiocarbamate												
Sodium fluoroacetate												
Sterigmatocystin												
Streptozotocin												
Strontium												
Strontium-90												
Strychnine												
Styrene												
Styrene oxide												
Sulfallate												
Sulfate					250,000 (51,133)							
Sulfur dioxide												
Systhane												
2,4,5-T												
Tebuthiuron												
Terbacil												
Terbufos												
Terbutryn												
2,2',4,4'-Tetrabromodiphenyl ether										360 (58)	122 (58)	
1,2,4,5-Tetrachlorobenzene	0.97	1.1								250 (22)		50 (22,23)
3,3',4,4'-Tetrachlorobiphenyl												
3,4,4',5-Tetrachlorobiphenyl												
2,3,7,8-Tetrachloro dibenzo-p-dioxin			0.000000005 (188)	0.0000000051 (188)						0.01 (186)	0.00001 (186)	
2,3,7,8-Tetrachlorodibenzofuran												
1,1,1,2-Tetrachloroethane										9320 (47)		
1,1,2,2-Tetrachloroethane			0.17 (188)	4 (188)						9320 (47)	2400	
Tetrachloroethylene (PCE)			0.69 (188)	3.3 (188)						5280	840	
2,3,4,6-Tetrachlorophenol	490 (68)	3130 (68)			1							
2,3,5,6-Tetrachlorophenol												
2,3,5,6-Tetrachloroterephthalate												
Tetrachlorovinphos												
Tetraethyldithiopyrophosphate												
Tetraethyl lead												
Tetrahydrofuran												
Tetranitromethane												
Thallium	0.24 (2)	0.47 (2)								1400	40	20 (16)
Thioacetamide												
Thiobencarb									3.1 (151)			
4,4'-Thiodianiline												
Thiophanate-methyl												
Thiourea												
Thiram												
Toluene	1300	15,000								17,500		
Toluene diisocyanate												
o-Toluidine												
Total dissolved solids (TDS)					250,000 (51,133)							
Toxaphene			0.00028 (188)	0.00028 (188)		0.0002		0.73				
2,4,5-TP (Silvex)	10 (51)											
Tralomehrin												
Triallate												
Triasulfuron												
1,2,4-Tribromobenzene												

WATER QUALITY LIMITS FOR CONSTITUENTS AND PARAMETERS (in ug/l or ppb unless noted)

CONSTITUENT or PARAMETER	California Ocean Plan Numerical Water Quality Objectives						USEPA National Recommended Ambient Water Quality Criteria for Saltwater Aquatic Life Protection							
	Human Health (30-day Average) aquatic organism consumption only	Marine Aquatic Life Protection					Recommended Criteria				Toxicity Information (Lowest Observed Effect Level)			
		6-month Median	30-day Average	7-day Average	Daily Maximum	Instantaneous Maximum	Continuous Concentration (4-day Average)	24-hour Average	Maximum Concentration (1-hour Average)	Instantaneous Maximum	Toxicity Information (Lowest Observed Effect Level)			
											Acute	Chronic	Other	
Sodium azide														
Sodium cyanide														
Sodium diethyldithiocarbamate														
Sodium dimethyldithiocarbamate														
Sodium fluoroacetate														
Sterigmatocystin														
Streptozotocin														
Strontium														
Strontium-90														
Strychnine														
Styrene														
Styrene oxide														
Sulfallate														
Sulfate														
Sulfur dioxide														
Systhane														
2,4,5-T														
Tebuthiuron														
Terbacil														
Terbufos														
Terbutryn														
2,2',4,4'-Tetrabromodiphenyl ether														
1,2,4,5-Tetrachlorobenzene												160 (22)	129 (22)	
3,3',4,4'-Tetrachlorobiphenyl														
3,4,4',5-Tetrachlorobiphenyl														
2,3,7,8-Tetrachloro dibenzo-p-dioxin	0.0000000039 (76,188)													
2,3,7,8-Tetrachlorodibenzofuran	0.0000000039 (76,188)													
1,1,1,2-Tetrachloroethane														
1,1,2,2-Tetrachloroethane	2.3 (188)											9020		
Tetrachloroethylene (PCE)	2 (188)											10,200	450	
2,3,4,6-Tetrachlorophenol		1 (87)				4 (87)	10 (87)					440		
2,3,5,6-Tetrachlorophenol		1 (87)				4 (87)	10 (87)					440		
2,3,5,6-Tetrachloroterephthalate														
Tetrachlorovinphos														
Tetraethyldithiopyrophosphate														
Tetraethyl lead														
Tetrahydrofuran														
Tetranitromethane														
Thallium	2											2130		
Thioacetamide														
Thiobencarb														
4,4'-Thiodianiline														
Thiophanate-methyl														
Thiourea														
Thiram														
Toluene	85,000											6300	5000	
Toluene diisocyanate														
o-Toluidine														
Total dissolved solids (TDS)														
Toxaphene	0.00021 (188)							0.0002		0.21				
2,4,5-TP (Silvex)														
Tralomehrin														
Triallate														
Triasulfuron														
1,2,4-Tribromobenzene														

WATER QUALITY LIMITS FOR CONSTITUENTS AND PARAMETERS (in ug/l or ppb unless noted)

CONSTITUENT or PARAMETER	Chemical Abstracts Service Registry Number	Synonyms and Abbreviations		
Sodium azide	26628-22-8	Azide, sodium		
Sodium cyanide	143-33-9	Cyanide, sodium		
Sodium diethyldithiocarbamate	148-18-5	Diethyldithiocarbamate, sodium	Dithiocarb	Thiocarb
Sodium dimethyldithiocarbamate	128-04-1	Carbam-S	Dibam	Diram
Sodium fluoroacetate	62-74-8			
Sterigmatocystin	10048-13-2			
Streptozotocin	18883-66-4	Streptozocin		
Strontium	7440-24-6	Sr		
Strontium-90	10098-97-2	90Sr		
Strychnine	57-24-9			
Styrene	100-42-5	Vinylbenzene		
Styrene oxide	96-09-3	1,2-Epoxyethylbenzene		
Sulfallate	95-06-7	2-Chloroallyl-diethyldithiocarbamate	CDEC	Vegadex
Sulfate	14808-79-8	SO ₄ =		
Sulfur dioxide	7446-09-5			
Sythane	88671-89-0	Rally		
2,4,5-T	93-76-5	2,4,5-Trichlorophenoxyacetic acid		
Tebuthiuron	34014-18-1	Graslan	Perflan	Spike
Terbacil	5902-51-2	Turbacil	Sinbar	
Terbufos	13071-79-9	Contraven	Counter	
Terbutryn	886-50-0			
2,2',4,4'-Tetrabromodiphenyl ether	5436-43-1	BDE-47	PBDE-47	
1,2,4,5-Tetrachlorobenzene	95-94-3			
3,3',4,4'-Tetrachlorobiphenyl	32598-13-3	PCB 77	a polychlorinated biphenyl	a dioxin-like compound
3,4,4',5-Tetrachlorobiphenyl	70362-50-4	PCB 81	a polychlorinated biphenyl	a dioxin-like compound
2,3,7,8-Tetrachloro dibenzo-p-dioxin	1746-01-6	2,3,7,8-Tetrachlorodibenzodioxin	2,3,7,8-TCDD	Dioxin
2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	2,3,7,8-TCDF	a dioxin-like compound	
1,1,1,2-Tetrachloroethane	630-20-6			
1,1,2,2-Tetrachloroethane	79-34-5			
Tetrachloroethylene (PCE)	127-18-4	Tetrachloroethene	Perchloroethylene	PCE
2,3,4,6-Tetrachlorophenol	58-90-2			
2,3,5,6-Tetrachlorophenol	935-95-5			
2,3,5,6-Tetrachloroterephthalate	2136-79-0	2,3,5,6-Tetrachloroterephthalic acid	Chlorthal	
Tetrachlorovinphos	961-11-5	Tetrachlorvinphos		
Tetraethyldithiopyrophosphate	3689-24-5	TEDP		
Tetraethyl lead	78-00-2	Lead, tetraethyl-	TEL	
Tetrahydrofuran	109-99-9	1,4-Epoxybutane	Oxacyclopentane	Cyclotetramethylene oxide
Tetranitromethane	509-14-8			
Thallium	7440-28-0	TI		
Thioacetamide	62-55-5			
Thiobencarb	28249-77-6	Benthio carb	Bolero	
4,4'-Thiodianiline	139-65-1			
Thiophanate-methyl	23564-05-8	Methylthiofanate		
Thiourea	62-56-6			
Thiram	137-26-8			
Toluene	108-88-3	Methylbenzene		
Toluene diisocyanate	26471-62-5	Diisocyanatotoluene		
o-Toluidine	95-53-4	2-Aminotoluene	ortho-Toluidine	
Total dissolved solids (TDS)		TDS		
Toxaphene	8001-35-2	Camphechlor	Chlorocamphe	
2,4,5-TP (Silvex)	93-72-1	2,4,5-Trichlorophenoxypropionic acid	Silvex	2 (2,4,5-Trichlorophenoxy) propionic acid
Tralomehrin	66841-25-6	RU 25474		
Triallate	2303-17-5			
Triasulfuron	82097-50-5	Amber		
1,2,4-Tribromobenzene	615-54-3			

WATER QUALITY LIMITS FOR CONSTITUENTS AND PARAMETERS (in ug/l or ppb unless noted)

CONSTITUENT or PARAMETER	Drinking Water Standards (California & Federal) Maximum Contaminant Levels (MCLs)					California Public Health Goal (PHG) in Drinking Water (Office of Environmental Health Hazard Assessment; OEHA)	California State Notification Level (formerly Action Level) and Response Level for Drinking Water (CDPH) (191)	Agricultural Water Quality Limits (78)	Taste & Odor Threshold (see also Secondary MCL and National Recommended Water Quality Criteria)
	California Department of Public Health (CDPH)		U.S. Environmental Protection Agency (USEPA)						
	Primary MCL	Secondary MCL	Primary MCL	Secondary MCL	MCL Goal				
Tributyltin									
Trichlorfon									
Trichloroacetic acid	60 (106)		60 (106)		20				
Trichloroacetoneitrile									
1,2,4-Trichlorobenzene	5		70		70	5		3000 / 64 (125,126)	
1,3,5-Trichlorobenzene									
Trichlorobenzenes									
1,1,1-Trichloroethane	200		200		200	1000		970 (126)	
1,1,2-Trichloroethane	5		5		3	0.3 (188)			
Trichloroethylene (TCE)	5		5		0 (185)	0.8 / 1.7 (68,188)		310 (126)	
Trichlorofluoromethane	150					700			
2,4,5-Trichlorophenol									
2,4,6-Trichlorophenol									
1,1,2-Trichloropropane									
1,2,3-Trichloropropane						0.0007 (68,188)	0.005 / 0.5 (188,191)		
1,1,2-Trichloro- 1,2,2-trifluoroethane	1200					4000		300,000 (170,187)	
Tridiphane									
Triethylamine								420 (126)	
Trifluralin									
Trimethylamine								0.2 (126)	
1,2,4-Trimethylbenzene							330 / 3300 (191)		
1,3,5-Trimethylbenzene							330 / 3300 (191)	15 (126)	
Trimethyl phosphate									
1,3,5-Trinitrobenzene									
Trinitroglycerol									
Trinitrophenol									
2,4,6-Trinitrotoluene (TNT)							1 / 100 (188,191)		
Tris(1-aziridinyl)phosphine sulfide									
Tris(2,3-dibromopropyl)phosphate									
Trithion							7 / 70 (191)		
Tritium	20,000 pCi/L (171)		(3)			400 pCi/L (188)			
Tryptophan-P-1									
Tryptophan-P-2									
Turbidity	1 / 5 NTU (68,84)	5 NTU	1 / 5 NTU (84)						
Uranium	20 pCi/L		30		0 (185)	0.5 (162)			
Urethane									
n-Valeraldehyde								17 (126)	
Vanadium							50 / 500 (191)	100	
Vernam									
Vinclozolin									
Vinyl acetate								88 (126)	
Vinyl bromide									
Vinyl chloride	0.5		2		0 (185)	0.05 (188)		3400 (126)	
Vinyl toluene								420 (126)	
Warfarin									
Xylene(s)	1750		10,000	20 (68)	10,000	1800		17 (26,125)	
2,4-Xylidine								1800 (126)	
2,6-Xylidine									
Zinc		5000		5000				2000	
Zinc cyanide									
Zinc phosphide									
Zineb									
Ziram									

WATER QUALITY LIMITS FOR CONSTITUENTS AND PARAMETERS (in ug/l or ppb unless noted)

CONSTITUENT or PARAMETER	USEPA Integrated Risk Information System (IRIS) Reference Dose as a Drinking Water Level (60)	Drinking Water Health Advisories or Suggested No-Adverse-Response Levels (SNARLs) for toxicity other than cancer risk		One-in-a-Million Incremental Cancer Risk Estimates for Drinking Water				California Proposition 65 Safe Harbor Level (OEHHA) as a Drinking Water Level (14)	
		USEPA	National Academy of Sciences (NAS)	Cal/EPA Cancer Potency Factor as a Drinking Water Level (102)	USEPA Integrated Risk Information System (IRIS)	USEPA Drinking Water Health Advisory or SNARL	National Academy of Sciences (NAS)	No Significant Risk Level (one-in-100,000 cancer risk)	Maximum Allowable Dose Level for Reproductive Toxicity
Tributyltin	2 (122)				(D,122)				
Trichlorfon			26 / 88 (7)		(C)	(C)			
Trichloroacetic acid		20	50 / 120 (7)						
Trichloroacetone		50 (10-day,68)							
1,2,4-Trichlorobenzene	70	70 (166)		9.7	(D)	(D)			
1,3,5-Trichlorobenzene		40				(D)			
Trichlorobenzenes									
1,1,1-Trichloroethane	14,000	200	3800		(I)	(D)	17 (21)		
1,1,2-Trichloroethane	2.8	3		0.49	0.6 (C)	0.6 (C)	5 (188)		
Trichloroethylene (TCE)		50 (60)		2.7		3 (B2)	1.5 (21)	25 (188)	
Trichlorofluoromethane	2100	2000	8000 (7-day)			(D)			
2,4,5-Trichlorophenol	700								
2,4,6-Trichlorophenol		30 (10-day,68)	2500 (7-day)	0.5	3 (B2)	3 (B2,68)	5 (188)		
1,1,2-Trichloropropane	35 (147)								
1,2,3-Trichloropropane	42 / 28 (68)	40			0.009 (L,68)		(188)		
1,1,2-Trichloro- 1,2,2-trifluoroethane	210,000								
Tridiphane	21								
Triethylamine									
Trifluralin	5.3	10 (167)	700		5 (C)	4 (C,167)			
Trimethylamine									
1,2,4-Trimethylbenzene						(D,68)			
1,3,5-Trimethylbenzene		10,000 (24-hr,68)				(D,68)			
Trimethyl phosphate							12 (188)		
1,3,5-Trinitrobenzene	210								
Trinitroglycerol		5				2			
Trinitrophenol			200 (7-day)						
2,4,6-Trinitrotoluene (TNT)	0.35	2			1 (C)	1 (C)			
Tris(1-aziridinyl)phosphine sulfide				0.0029			0.03 (188)		
Tris(2,3-dibromopropyl)phosphate				0.015			0.15 (188)		
Trithion									
Tritium						(A)	(188)		
Tryptophan-P-1				0.0013			0.015 (188)		
Tryptophan-P-2				0.011			0.1 (188)		
Turbidity									
Uranium	21 (164)	4 (60)	35			(A)	(188)		
Urethane				0.035			0.35 (188)	(189)	
n-Valeraldehyde									
Vanadium	63 (123)					(D)			
Vernam	7 (147)								
Vinclozolin	180						(188)	(189)	
Vinyl acetate									
Vinyl bromide							0.5 (68,188)		
Vinyl chloride	21	3000 (10-day)		0.13	0.024 / 0.048 (A,156)	0.02 (H,166)	1.1	1.5 (188)	
Vinyl toluene									
Warfarin	2							(189)	
Xylene(s)	1400	1400 (166)			(D)	(I,166)			
2,4-Xylidine									
2,6-Xylidine							55 (188)		
Zinc	2100	2000 (68)			(I)	(I,166)			
Zinc cyanide	350								
Zinc phosphide	2								
Zineb	350		35						
Ziram			87.5						

WATER QUALITY LIMITS FOR CONSTITUENTS AND PARAMETERS (in ug/l or ppb unless noted)

CONSTITUENT or PARAMETER	California Toxics Rule Criteria (USEPA) unless noted								
	Inland Surface Waters					Enclosed Bays & Estuaries			
	Human Health (30-day Average)		Freshwater Aquatic Life Protection			Human Health (30-day Average) aquatic organism consumption only		Saltwater Aquatic Life Protection	
	Drinking Water Sources (consumption of water and aquatic organisms)	Other Waters (aquatic organism consumption only)	Continuous Concentration (4-day Average)	Maximum Concentration (1-hour Average)	Instantaneous Maximum	Continuous Concentration (4-day Average)	Maximum Concentration (1-hour Average)	Instantaneous Maximum	
Tributyltin									
Trichlorfon									
Trichloroacetic acid									
Trichloroacetoneitrile									
1,2,4-Trichlorobenzene									
1,3,5-Trichlorobenzene									
Trichlorobenzenes									
1,1,1-Trichloroethane									
1,1,2-Trichloroethane	0.6 (113,143)	42 (113,143)				42 (113,143)			
Trichloroethylene (TCE)	2.7 (113,143)	81 (113,143)				81 (113,143)			
Trichlorofluoromethane									
2,4,5-Trichlorophenol									
2,4,6-Trichlorophenol	2.1 (113,188)	6.5 (113,188)				6.5 (113,188)			
1,1,2-Trichloropropane									
1,2,3-Trichloropropane									
1,1,2-Trichloro- 1,2,2-trifluoroethane									
Tridiphane									
Triethylamine									
Trifluralin									
Trimethylamine									
1,2,4-Trimethylbenzene									
1,3,5-Trimethylbenzene									
Trimethyl phosphate									
1,3,5-Trinitrobenzene									
Trinitroglycerol									
Trinitrophenol									
2,4,6-Trinitrotoluene (TNT)									
Tris(1-aziridinyl)phosphine sulfide									
Tris(2,3-dibromopropyl)phosphate									
Trithion									
Tritium									
Tryptophan-P-1									
Tryptophan-P-2									
Turbidity									
Uranium									
Urethane									
n-Valeraldehyde									
Vanadium									
Vernam									
Vinclozolin									
Vinyl acetate									
Vinyl bromide									
Vinyl chloride	2 (113,143)	525 (113,143)				525 (113,143)			
Vinyl toluene									
Warfarin									
Xylene(s)									
2,4-Xylidine									
2,6-Xylidine									
Zinc			see page 30 (1,142)	see page 30 (1,142)			81 (1,142)	90 (1,142)	
Zinc cyanide									
Zinc phosphide									
Zineb									
Ziram									

WATER QUALITY LIMITS FOR CONSTITUENTS AND PARAMETERS (in ug/l or ppb unless noted)

CONSTITUENT or PARAMETER	USEPA National Recommended Ambient Water Quality Criteria unless noted											
	for Human Health and Welfare Protection						for Freshwater Aquatic Life Protection					
	Non-Cancer Health Effects		One-in-a-Million Cancer Risk Estimate		Taste & Odor or Welfare	Recommended Criteria			Toxicity Information (Lowest Observed Effect Level)			
	Sources of Drinking Water (water+organisms)	Other Waters (aquatic organism consumption only)	Sources of Drinking Water (water+organisms)	Other Waters (aquatic organism consumption only)		Continuous Concentration (4-day Average)	24-hour Average	Maximum Concentration (1-hour Average)	Instantaneous Maximum	Acute	Chronic	Other
Tributyltin						0.072		0.46				
Trichlorfon												
Trichloroacetic acid												
Trichloroacetoneitrile												
1,2,4-Trichlorobenzene	35	70								250 (22)		50 (22,23)
1,3,5-Trichlorobenzene										250 (22)		50 (22,23)
Trichlorobenzenes										250 (22)		50 (22,23)
1,1,1-Trichloroethane										18,000		
1,1,2-Trichloroethane			0.59 (188)	16 (188)						18,000	9400	
Trichloroethylene (TCE)			2.5 (188)	30 (188)						45,000		21,900 (31)
Trichlorofluoromethane			0.19							11,000 (20)		
2,4,5-Trichlorophenol	1800	3600			1							
2,4,6-Trichlorophenol			1.4 (188)	2.4 (188)	2						970	
1,1,2-Trichloropropane												
1,2,3-Trichloropropane												
1,1,2-Trichloro- 1,2,2-trifluoroethane												
Tridiphane												
Triethylamine												
Trifluralin												
Trimethylamine												
1,2,4-Trimethylbenzene												
1,3,5-Trimethylbenzene												
Trimethyl phosphate												
1,3,5-Trinitrobenzene												
Trinitroglycerol												
Trinitrophenol										230 (88)		150 (38,88)
2,4,6-Trinitrotoluene (TNT)												
Tris(1-aziridinyl)phosphine sulfide												
Tris(2,3-dibromopropyl)phosphate												
Trithion												
Tritium												
Tryptophan-P-1												
Tryptophan-P-2												
Turbidity									(51,131)			
Uranium												
Urethane												
n-Valeraldehyde												
Vanadium												
Vernam												
Vinclozolin												
Vinyl acetate												
Vinyl bromide												
Vinyl chloride			0.025 (188)	2.4 (188)								
Vinyl toluene												
Warfarin												
Xylene(s)												
2,4-Xylidine												
2,6-Xylidine												
Zinc	7400 (2)	26,000 (2)			5000	see page 30 (1)		see page 30 (1)				
Zinc cyanide												
Zinc phosphide												
Zineb												
Ziram												

WATER QUALITY LIMITS FOR CONSTITUENTS AND PARAMETERS (in ug/l or ppb unless noted)

CONSTITUENT or PARAMETER	California Ocean Plan Numerical Water Quality Objectives						USEPA National Recommended Ambient Water Quality Criteria for Saltwater Aquatic Life Protection						
	Human Health (30-day Average) aquatic organism consumption only	Marine Aquatic Life Protection					Recommended Criteria				Toxicity Information (Lowest Observed Effect Level)		
		6-month Median	30-day Average	7-day Average	Daily Maximum	Instantaneous Maximum	Continuous Concentration (4-day Average)	24-hour Average	Maximum Concentration (1-hour Average)	Instantaneous Maximum	Acute	Chronic	Other
Tributyltin	0.0014					0.0074		0.42					
Trichlorfon													
Trichloroacetic acid													
Trichloroacetoneitrile													
1,2,4-Trichlorobenzene										160 (22)	129 (22)		
1,3,5-Trichlorobenzene										160 (22)	129 (22)		
Trichlorobenzenes										160 (22)	129 (22)		
1,1,1-Trichloroethane	540,000									31,200			
1,1,2-Trichloroethane	9.4 (188)												
Trichloroethylene (TCE)	27 (188)									2000			
Trichlorofluoromethane										12,000 (20)	6400 (20)	11,500 (20,82)	
2,4,5-Trichlorophenol		1 (87)			4 (87)	10 (87)							
2,4,6-Trichlorophenol	0.29 (188)	1 (87)			4 (87)	10 (87)							
1,1,2-Trichloropropane													
1,2,3-Trichloropropane													
1,1,2-Trichloro- 1,2,2-trifluoroethane													
Tridiphane													
Triethylamine													
Trifluralin													
Trimethylamine													
1,2,4-Trimethylbenzene													
1,3,5-Trimethylbenzene													
Trimethyl phosphate													
1,3,5-Trinitrobenzene													
Trinitroglycerol													
Trinitrophenol		30 (86)			120 (86)	300 (86)				4850 (88)			
2,4,6-Trinitrotoluene (TNT)													
Tris(1-aziridinyl)phosphine sulfide													
Tris(2,3-dibromopropyl)phosphate													
Trithion													
Tritium													
Tryptophan-P-1													
Tryptophan-P-2													
Turbidity			75 NTU (117)	100 NTU (117)		225 NTU (117)							
Uranium													
Urethane													
n-Valeraldehyde													
Vanadium													
Vernam													
Vinclozolin													
Vinyl acetate													
Vinyl bromide													
Vinyl chloride	36 (188)												
Vinyl toluene													
Warfarin													
Xylene(s)													
2,4-Xylidine													
2,6-Xylidine													
Zinc		20			80	200	81 (1)		90 (1)				
Zinc cyanide													
Zinc phosphide													
Zineb													
Ziram													

WATER QUALITY LIMITS FOR CONSTITUENTS AND PARAMETERS (in ug/l or ppb unless noted)

CONSTITUENT or PARAMETER	Chemical Abstracts Service Registry Number	Synonyms and Abbreviations	
Tributyltin	688-73-3	TBT	Tin, tributyl-
Trichlorfon	52-68-6	Trichlorphon	Chlorofos
Trichloroacetic acid	76-03-9	a haloacetic acid	Dipterex
Trichloroacetonitrile	545-06-02		
1,2,4-Trichlorobenzene	120-82-1	unsymmetrical-Trichlorobenzene	
1,3,5-Trichlorobenzene	108-70-3		
Trichlorobenzenes	12002-48-1	Benzenes, trichloro-	
1,1,1-Trichloroethane	71-55-6	1,1,1-TCA	Methyl chloroform
1,1,2-Trichloroethane	79-00-5	1,1,2-TCA	Vinyl trichloride
Trichloroethylene (TCE)	79-01-6	Trichloroethene	TCE
Trichlorofluoromethane	75-69-4	Fluorotrichloromethane	Freon 11
2,4,5-Trichlorophenol	95-95-4		
2,4,6-Trichlorophenol	88-06-2		
1,1,2-Trichloropropane	598-77-6		
1,2,3-Trichloropropane	96-18-4	Allyl trichloride	1,2,3-TCP
1,1,2-Trichloro- 1,2,2-trifluoroethane	76-13-1	Trichlorotrifluoroethane	Freon 113
Tridiphane	58138-08-2	Tandem	
Triethylamine	121-44-8		
Trifluralin	1582-09-8	Treflan	
Trimethylamine	75-50-3		
1,2,4-Trimethylbenzene	95-63-6	asymmetrical-Trimethylbenzene	Pseudocumene
1,3,5-Trimethylbenzene	108-67-8	Mesitylene	symmetrical-Trimethylbenzene
Trimethyl phosphate	512-56-1	Phosphoric acid, trimethyl ester	
1,3,5-Trinitrobenzene	99-35-4		
Trinitroglycerol	55-63-0	Nitroglycerin	
Trinitrophenol	88-89-1	Picric acid	
2,4,6-Trinitrotoluene (TNT)	118-96-7	TNT	
Tris(1-aziridinyl)phosphine sulfide	52-24-4	Thiotepa	
Tris(2,3-dibromopropyl)phosphate	126-72-7		
Trithion	786-19-6	Carbophenothion	
Tritium	10028-17-8	3H	
Tryptophan-P-1	62450-06-0	Trp-P-1	
Tryptophan-P-2	62450-07-1	Trp-P-2	
Turbidity			
Uranium	7440-61-1	U	
Urethane	51-79-6	Ethyl carbamate	
n-Valeraldehyde	110-62-3	Amyl aldehyde	Pentanal
Vanadium	7440-62-2	V	
Vernam	1929-77-7	Vernolate	PPTC
Vinclozolin	50471-44-8	Ronilan	
Vinyl acetate	108-05-4		
Vinyl bromide	593-60-2	Bromoethene	Bromoethylene
Vinyl chloride	75-01-4	VC	Chloroethene
Vinyl toluene	25013-15-4	Methyl styrene	Chloroethylene
Warfarin	81-81-2	Coumadin	Coumafen
Xylene(s)	1330-20-7	o-Xylene	m-Xylene
2,4-Xylidine	1300-73-8	Amino-2,4-dimethylbenzene	p-Xylene
2,6-Xylidine	87-62-7	2,6-Dimethylaniline	2,4-Dimethylaniline
Zinc	7440-66-6	Zn	Amino-2,6-dimethylbenzene
Zinc cyanide	557-21-1	Cyanide, zinc	
Zinc phosphide	1314-84-7		
Zineb	12122-67-7	Dithane Z-78	
Ziram	137-30-4		

WATER QUALITY LIMITS FOR CONSTITUENTS AND PARAMETERS FRESHWATER AQUATIC LIFE - AMMONIA

USEPA National Recommended Water Quality Criteria to Protect Freshwater Aquatic Life																							
Total Ammonia Nitrogen																							
Continuous Concentration, 30-day Average (mg N/L) ‡																			Maximum Concentration		pH		
Fish Early Life Stages Present										Fish Early Life Stages Absent									1-hour Average (mg N/L)				
Temperature, degrees C										Temperature, degrees C									Salmonids Present	Salmonids Absent			
pH	0	14	16	18	20	22	24	26	28	30	0-7	8	9	10	11	12	13	14	15 †	16 †		Present	Absent
6.5	6.67	6.67	6.06	5.33	4.68	4.12	3.62	3.18	2.80	2.46	10.8	10.1	9.51	8.92	8.36	7.84	7.35	6.89	6.46	6.06	32.6	48.8	6.5
6.6	6.57	6.57	5.97	5.25	4.61	4.05	3.56	3.13	2.75	2.42	10.7	9.99	9.37	8.79	8.24	7.72	7.24	6.79	6.36	5.97	31.3	46.8	6.6
6.7	6.44	6.44	5.86	5.15	4.52	3.98	3.50	3.07	2.70	2.37	10.5	9.81	9.20	8.62	8.08	7.58	7.11	6.66	6.25	5.86	29.8	44.6	6.7
6.8	6.29	6.29	5.72	5.03	4.42	3.89	3.42	3.00	2.64	2.32	10.2	9.58	8.98	8.42	7.90	7.40	6.94	6.51	6.10	5.72	28.0	42.0	6.8
6.9	6.12	6.12	5.56	4.89	4.30	3.78	3.32	2.92	2.57	2.25	9.93	9.31	8.73	8.19	7.68	7.20	6.75	6.33	5.93	5.56	26.2	39.2	6.9
7.0	5.91	5.91	5.37	4.72	4.15	3.65	3.21	2.82	2.48	2.18	9.60	9.00	8.43	7.91	7.41	6.95	6.52	6.11	5.73	5.37	24.1	36.1	7.0
7.1	5.67	5.67	5.15	4.53	3.98	3.50	3.08	2.70	2.38	2.09	9.20	8.63	8.09	7.58	7.11	6.67	6.25	5.86	5.49	5.15	21.9	32.9	7.1
7.2	5.39	5.39	4.90	4.31	3.78	3.33	2.92	2.57	2.26	1.99	8.75	8.20	7.69	7.21	6.76	6.34	5.94	5.57	5.22	4.90	19.7	29.5	7.2
7.3	5.08	5.08	4.61	4.06	3.57	3.13	2.76	2.42	2.13	1.87	8.24	7.73	7.25	6.79	6.37	5.97	5.60	5.25	4.92	4.61	17.5	26.2	7.3
7.4	4.73	4.73	4.30	3.78	3.32	2.92	2.57	2.26	1.98	1.74	7.69	7.21	6.76	6.33	5.94	5.57	5.22	4.89	4.59	4.30	15.3	23.0	7.4
7.5	4.36	4.36	3.97	3.49	3.06	2.69	2.37	2.08	1.83	1.61	7.09	6.64	6.23	5.84	5.48	5.13	4.81	4.51	4.23	3.97	13.3	19.9	7.5
7.6	3.98	3.98	3.61	3.18	2.79	2.45	2.16	1.90	1.67	1.47	6.46	6.05	5.67	5.32	4.99	4.68	4.38	4.11	3.85	3.61	11.4	17.0	7.6
7.7	3.58	3.58	3.25	2.86	2.51	2.21	1.94	1.71	1.50	1.32	5.81	5.45	5.11	4.79	4.49	4.21	3.95	3.70	3.47	3.25	9.64	14.4	7.7
7.8	3.18	3.18	2.89	2.54	2.23	1.96	1.73	1.52	1.33	1.17	5.17	4.84	4.54	4.26	3.99	3.74	3.51	3.29	3.09	2.89	8.11	12.1	7.8
7.9	2.80	2.80	2.54	2.24	1.96	1.73	1.52	1.33	1.17	1.03	4.54	4.26	3.99	3.74	3.51	3.29	3.09	2.89	2.71	2.54	6.77	10.1	7.9
8.0	2.43	2.43	2.21	1.94	1.71	1.50	1.32	1.16	1.02	0.897	3.95	3.70	3.47	3.26	3.05	2.86	2.68	2.52	2.36	2.21	5.62	8.41	8.0
8.1	2.10	2.10	1.91	1.68	1.47	1.29	1.14	1.00	0.879	0.773	3.41	3.19	2.99	2.81	2.63	2.47	2.31	2.17	2.03	1.91	4.64	6.95	8.1
8.2	1.79	1.79	1.63	1.43	1.26	1.11	0.973	0.855	0.752	0.661	2.91	2.73	2.56	2.40	2.25	2.11	1.98	1.85	1.74	1.63	3.83	5.73	8.2
8.3	1.52	1.52	1.39	1.22	1.07	0.941	0.827	0.727	0.639	0.562	2.47	2.32	2.18	2.04	1.91	1.79	1.68	1.58	1.48	1.39	3.15	4.71	8.3
8.4	1.29	1.29	1.17	1.03	0.906	0.796	0.700	0.615	0.541	0.475	2.09	1.96	1.84	1.73	1.62	1.52	1.42	1.33	1.25	1.17	2.59	3.88	8.4
8.5	1.09	1.09	0.990	0.870	0.765	0.672	0.591	0.520	0.457	0.401	1.77	1.66	1.55	1.46	1.37	1.28	1.20	1.13	1.06	0.990	2.14	3.20	8.5
8.6	0.920	0.920	0.836	0.735	0.646	0.568	0.499	0.439	0.386	0.339	1.49	1.40	1.31	1.23	1.15	1.08	1.01	0.951	0.892	0.836	1.77	2.65	8.6
8.7	0.778	0.778	0.707	0.622	0.547	0.480	0.422	0.371	0.326	0.287	1.26	1.18	1.11	1.04	0.976	0.915	0.858	0.805	0.754	0.707	1.47	2.20	8.7
8.8	0.661	0.661	0.601	0.528	0.464	0.408	0.359	0.315	0.277	0.244	1.07	1.01	0.944	0.885	0.829	0.778	0.729	0.684	0.641	0.601	1.23	1.84	8.8
8.9	0.565	0.565	0.513	0.451	0.397	0.349	0.306	0.269	0.237	0.208	0.917	0.860	0.806	0.756	0.709	0.664	0.623	0.584	0.548	0.513	1.04	1.56	8.9
9.0	0.486	0.486	0.442	0.389	0.342	0.300	0.264	0.232	0.204	0.179	0.790	0.740	0.694	0.651	0.610	0.572	0.536	0.503	0.471	0.442	0.885	1.32	9.0

Notes:
 † At 15 C and above, the criterion for fish early life stages absent is the same as the criterion for fish early life stages present.
 ‡ In addition, the highest four-day average within the 30-day period should not exceed 2.5 times the Criteria Continuous Concentration shown in the above tab

Criteria Continuous Concentration

30-day average total ammonia nitrogen (in mg N/L) ‡

when fish early life stages are present:

$$CCC = \left(\frac{0.0577}{1 + 10^{7.688 - pH}} + \frac{2.487}{1 + 10^{pH - 7.688}} \right) \times \text{MIN} \left(2.85, 1.45 \times 10^{0.028 \times (25 - T)} \right)$$

when fish early life stages are absent:

$$CCC = \left(\frac{0.0577}{1 + 10^{7.688 - pH}} + \frac{2.487}{1 + 10^{pH - 7.688}} \right) \times 1.45 \times 10^{0.028 \times (25 - \text{MAX}(T, 7))}$$

where T = temperature in degrees C

Criteria Maximum Concentration

1-hour average total ammonia nitrogen (in mg N/L)

where salmonid fish are present:

$$CMC = \frac{0.275}{1 + 10^{7.204 - pH}} + \frac{39.0}{1 + 10^{pH - 7.204}}$$

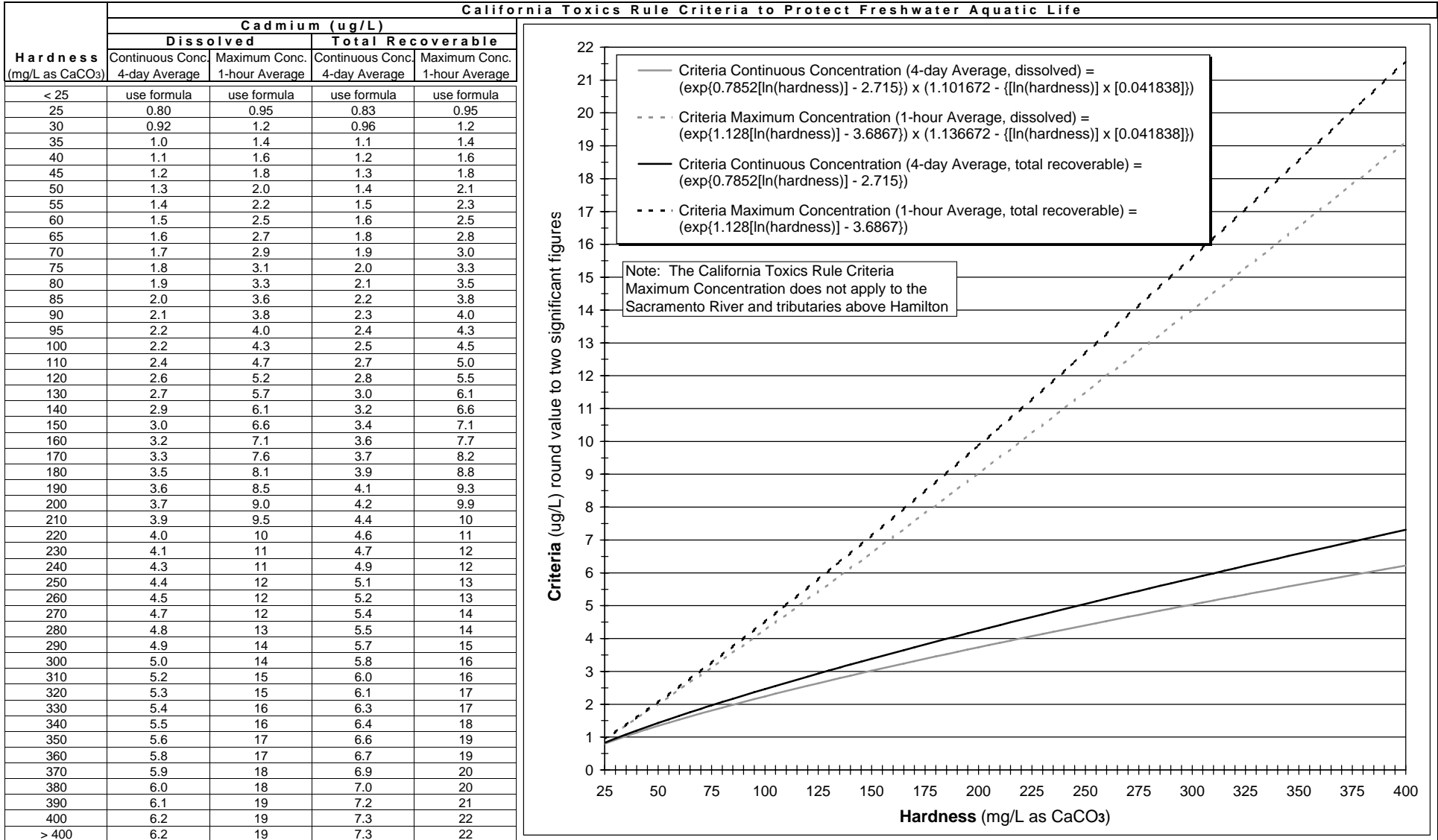
where salmonid fish are not present:

$$CMC = \frac{0.411}{1 + 10^{7.204 - pH}} + \frac{58.4}{1 + 10^{pH - 7.204}}$$

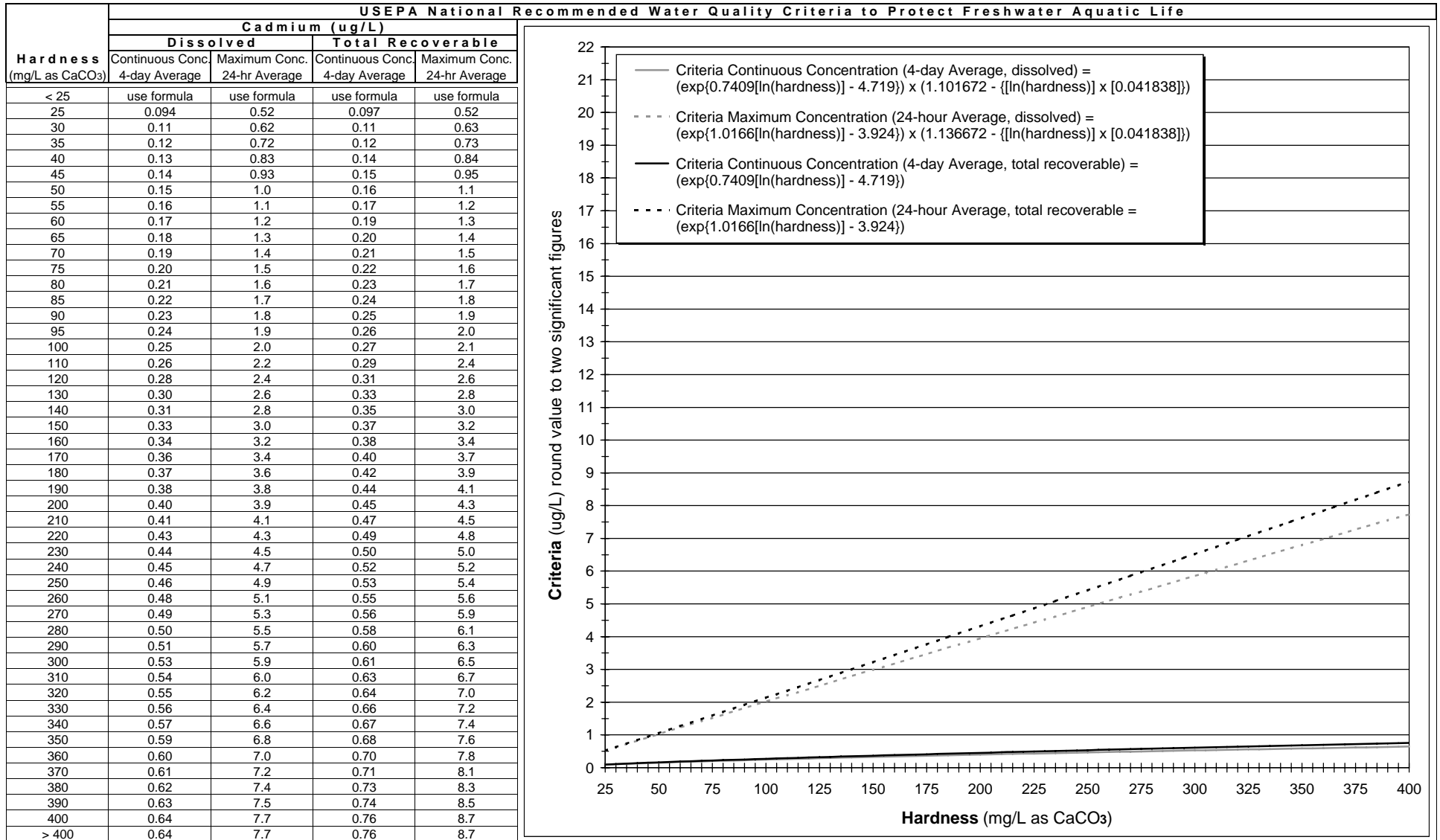
WATER QUALITY LIMITS FOR CONSTITUENTS AND PARAMETERS SALTWATER AQUATIC LIFE - AMMONIA

USEPA National Recommended Water Quality Criteria to Protect Saltwater Aquatic Life										
Total Ammonia										
pH	Criteria Continuous Concentrations, 4-day Average (mg/L)							Criteria Maximum Concentrations, 1-hour Average (mg/L)		pH
	Temperature, degrees C							Temperature, degrees C		
	0	5	10	15	20	25	30	35		
Salinity = 10 g/kg										
7.0	41	29	20	14	9.4	6.6	4.4	3.1	270	7.0
7.2	26	18	12	8.7	5.9	4.1	2.8	2.0	175	7.2
7.4	17	12	7.8	5.3	3.7	2.6	1.8	1.2	110	7.4
7.6	10	7.2	5.0	3.4	2.4	1.7	1.2	0.84	69	7.6
7.8	6.6	4.7	3.1	2.2	1.5	1.1	0.75	0.53	44	7.8
8.0	4.1	2.9	2.0	1.40	0.97	0.69	0.47	0.34	27	8.0
8.2	2.7	1.8	1.3	0.87	0.62	0.44	0.31	0.23	18	8.2
8.4	1.7	1.2	0.81	0.56	0.41	0.29	0.21	0.16	11	8.4
8.6	1.1	0.75	0.53	0.37	0.27	0.20	0.15	0.11	7.3	8.6
8.8	0.69	0.50	0.34	0.25	0.18	0.14	0.11	0.08	4.6	8.8
9.0	0.44	0.31	0.23	0.17	0.13	0.10	0.08	0.07	2.9	9.0
Salinity = 20 g/kg										
7.0	44	30	21	14	9.7	6.6	4.7	3.1	291	7.0
7.2	27	19	13	9.0	6.2	4.4	3.0	2.1	183	7.2
7.4	18	12	8.1	5.6	4.1	2.7	1.9	1.3	116	7.4
7.6	11	7.5	5.3	3.4	2.5	1.7	1.2	0.84	73	7.6
7.8	6.9	4.7	3.4	2.3	1.6	1.1	0.78	0.53	46	7.8
8.0	4.4	3.0	2.1	1.5	1.0	0.72	0.50	0.34	29	8.0
8.2	2.8	1.9	1.3	0.94	0.66	0.47	0.31	0.24	19	8.2
8.4	1.8	1.2	0.84	0.59	0.44	0.30	0.22	0.16	12	8.4
8.6	1.1	0.78	0.56	0.41	0.28	0.20	0.15	0.12	7.5	8.6
8.8	0.72	0.50	0.37	0.26	0.19	0.14	0.11	0.08	4.8	8.8
9.0	0.47	0.34	0.24	0.18	0.13	0.10	0.08	0.07	3.1	9.0
Salinity = 30 g/kg										
7.0	47	31	22	15	11	7.2	5.0	3.4	312	7.0
7.2	29	20	14	9.7	6.6	4.7	3.1	2.2	196	7.2
7.4	19	13	8.7	5.6	4.1	2.9	2.0	1.4	125	7.4
7.6	12	8.1	5.6	3.7	3.1	1.8	1.3	0.90	79	7.6
7.8	7.5	5.0	3.4	2.4	1.7	1.2	0.81	0.56	50	7.8
8.0	4.7	3.1	2.2	1.6	1.1	0.75	0.53	0.37	31	8.0
8.2	3.0	2.1	1.4	1.0	0.69	0.50	0.34	0.25	20	8.2
8.4	1.9	1.3	0.90	0.62	0.44	0.31	0.23	0.17	12.7	8.4
8.6	1.2	0.84	0.59	0.41	0.30	0.22	0.16	0.12	8.1	8.6
8.8	0.78	0.53	0.37	0.27	0.20	0.15	0.11	0.09	5.2	8.8
9.0	0.50	0.34	0.26	0.19	0.14	0.11	0.08	0.07	3.3	9.0

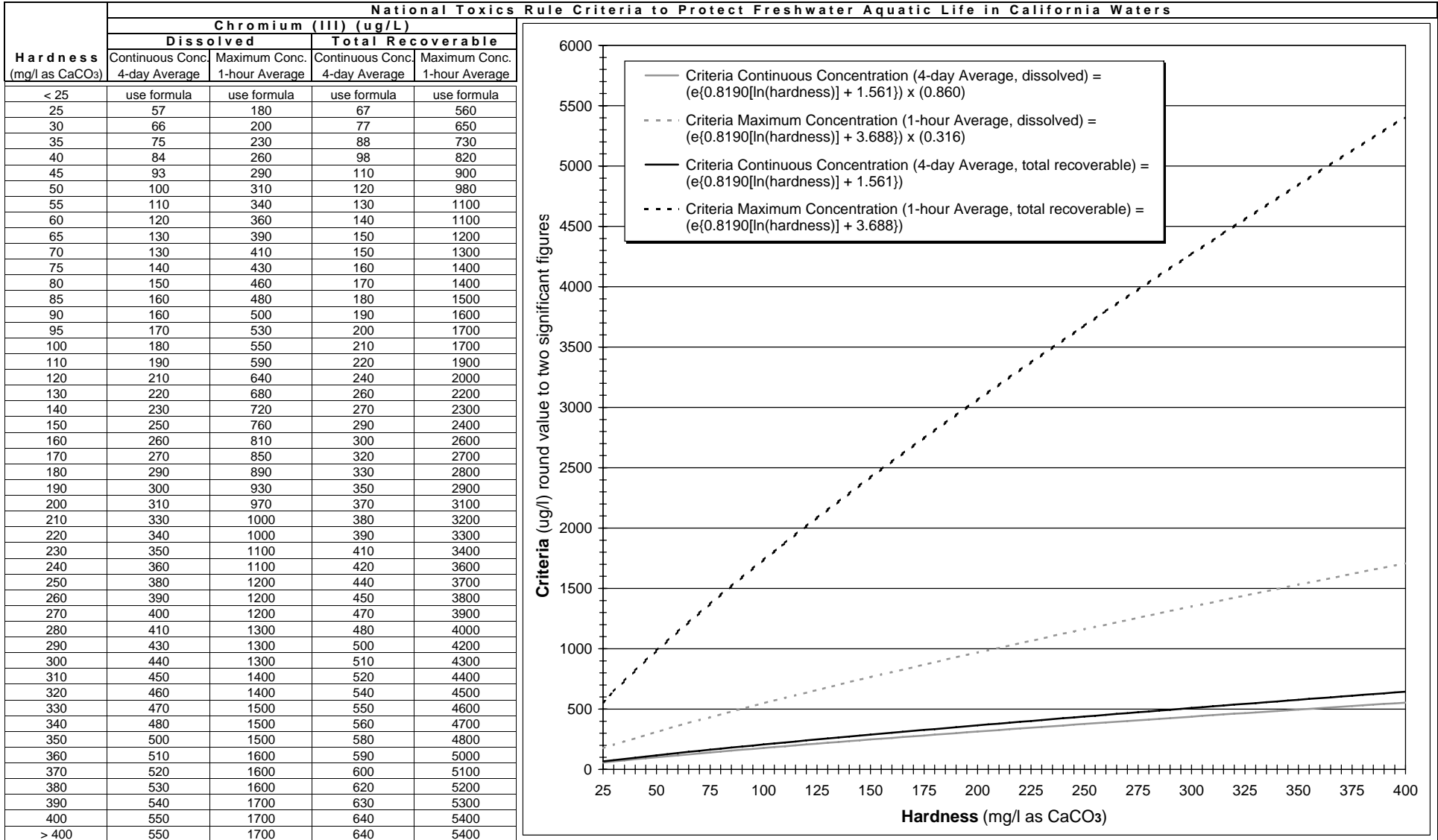
WATER QUALITY LIMITS FOR CONSTITUENTS AND PARAMETERS FRESHWATER AQUATIC LIFE - CADMIUM



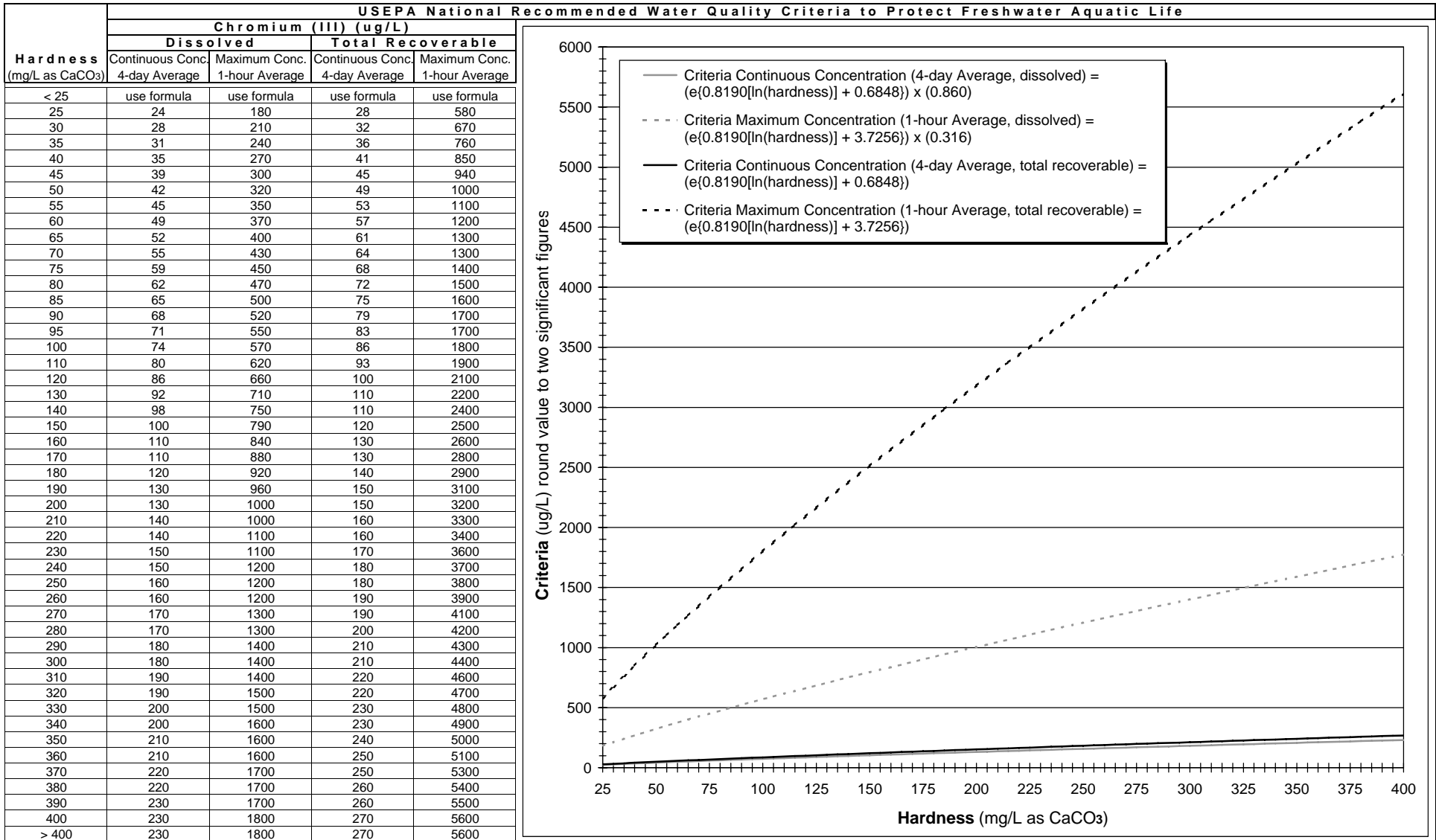
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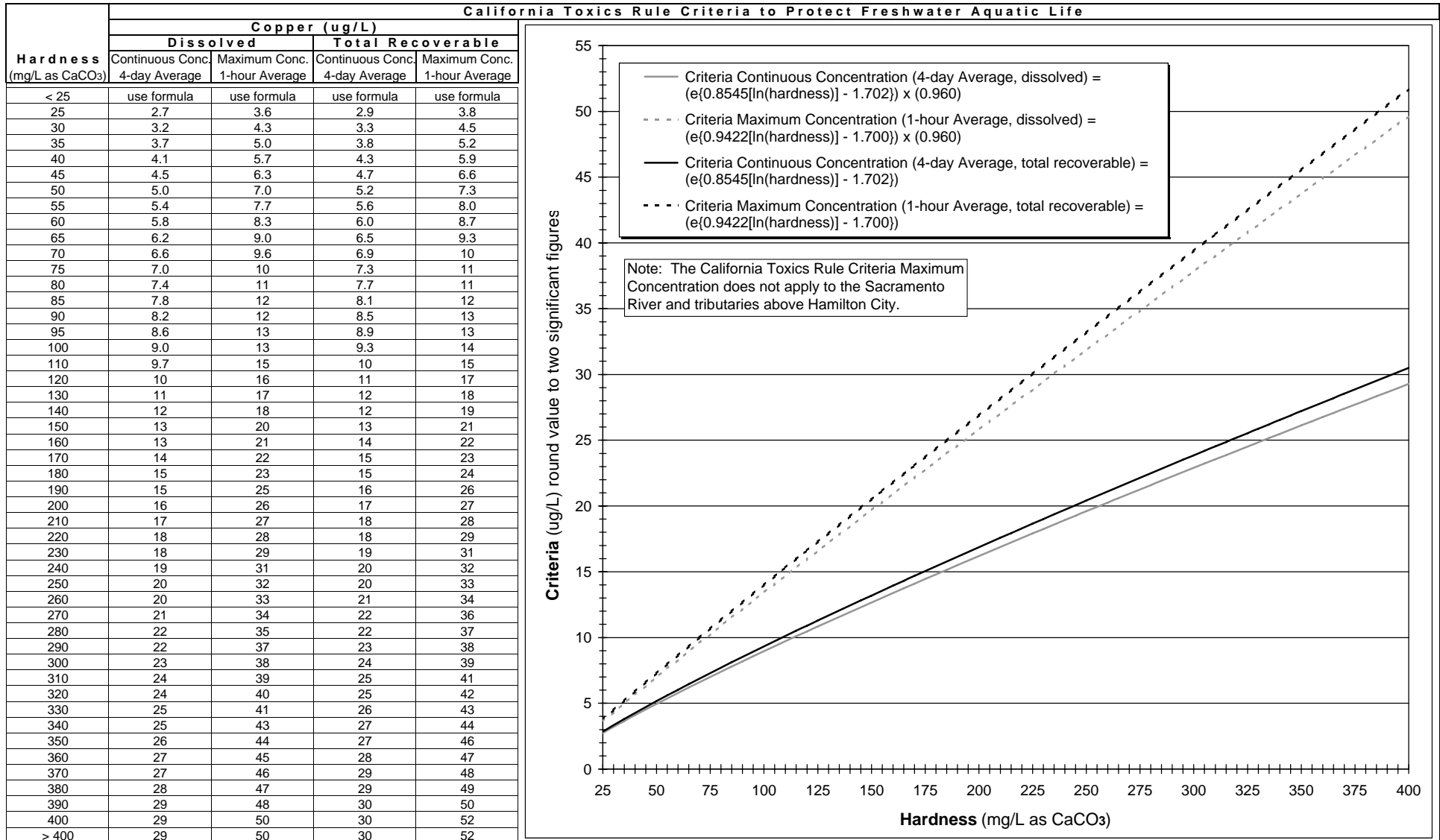
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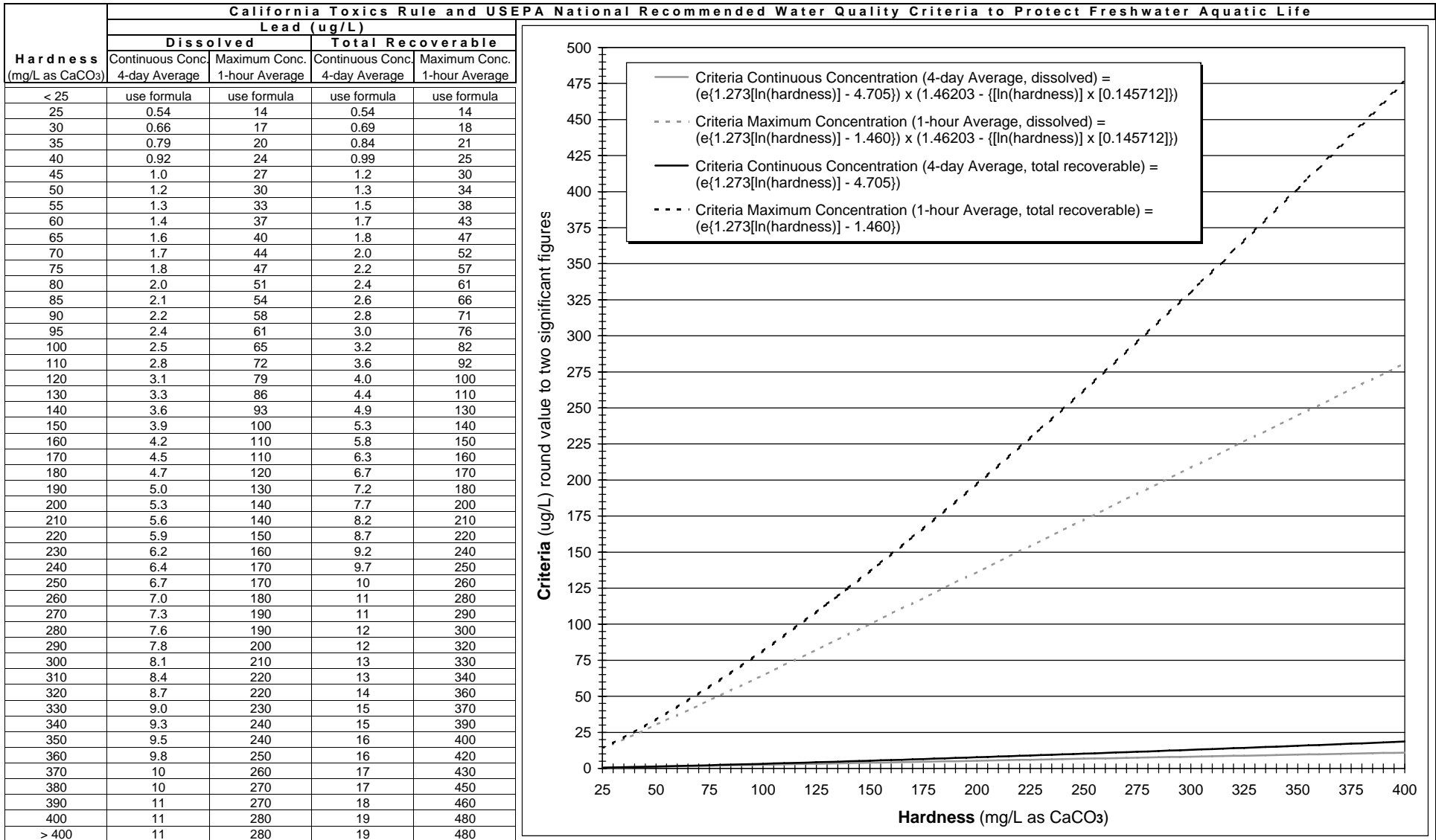
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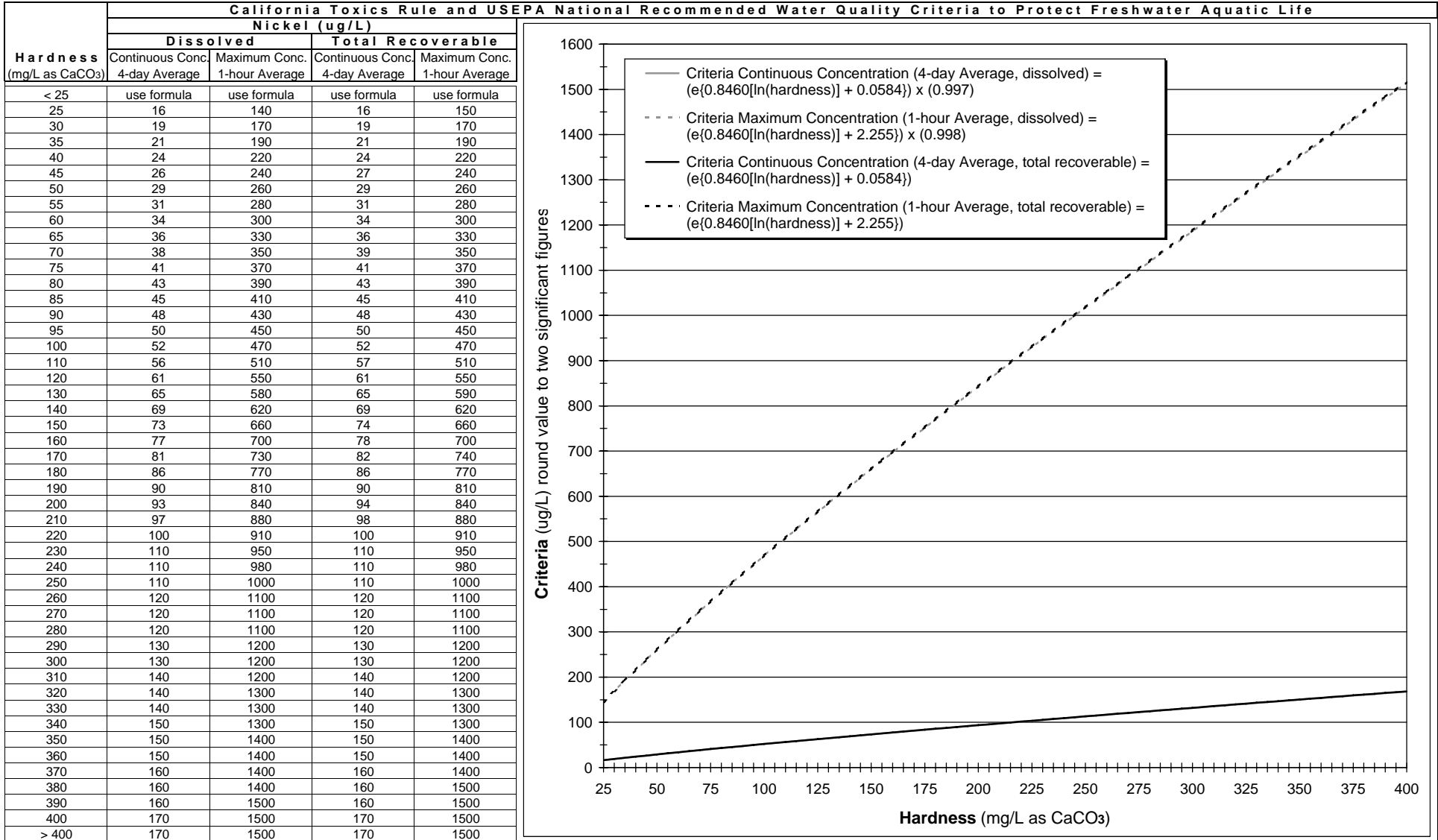
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WATER QUALITY LIMITS FOR CONSTITUENTS AND PARAMETERS FRESHWATER AQUATIC LIFE - LEAD



WATER QUALITY LIMITS FOR CONSTITUENTS AND PARAMETERS FRESHWATER AQUATIC LIFE - NICKEL



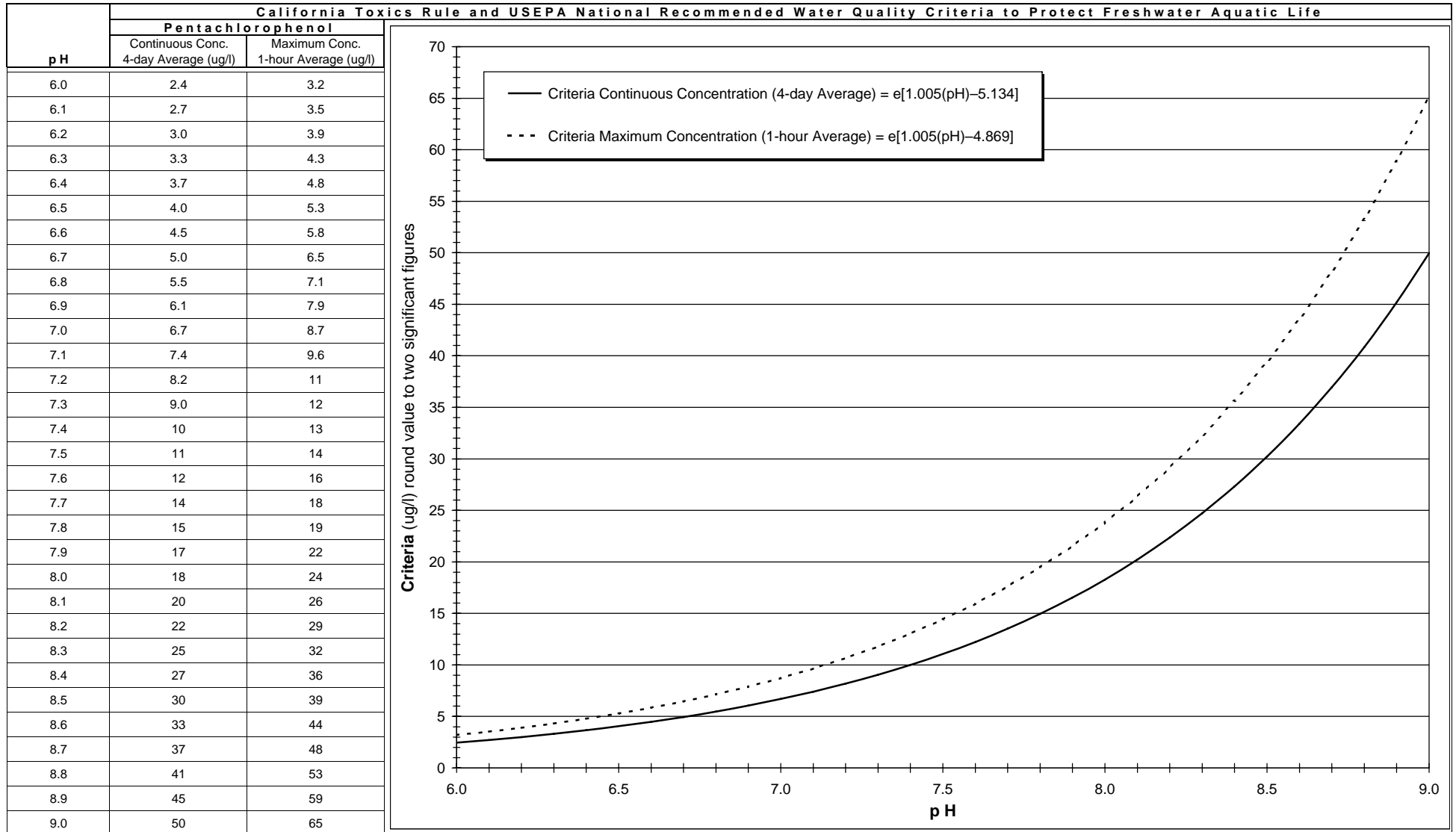
WATER QUALITY LIMITS FOR CONSTITUENTS AND PARAMETERS

USEPA National Recommended Water Quality Criteria to Protect Freshwater Aquatic Life				
Dissolved Oxygen (mg/L)				
Coldwater Criteria			Warmwater Criteria	
Early Life Stages (a,b)			Other Life Stages	
Water Column	Intergavel			
30-Day Mean	Not Applicable	Not Applicable	6.5	
7-Day Mean	9.5	6.5	Not Applicable	
7-Day Mean Minimum	Not Applicable	Not Applicable	5.0	
1-Day Minimum (c)	8.0	5.0	3.0	
			Not Applicable	5.5
			6.0	Not Applicable
			Not Applicable	4.0
			5.0	3.0

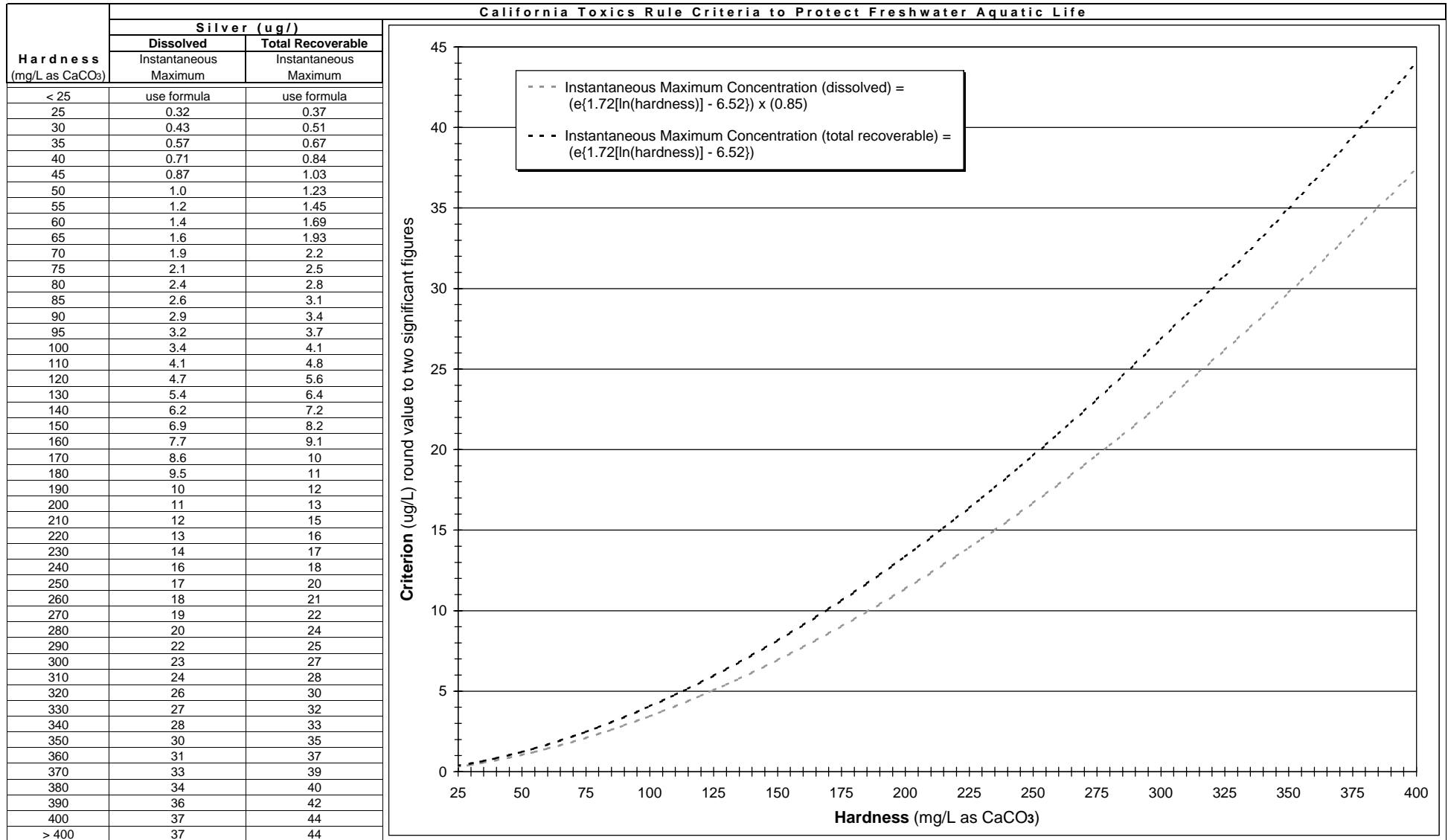
Notes:

- (a) The water column concentrations are recommended to achieve the required intergravel dissolved oxygen concentrations. For species that have early life stages exposed directly to the water column, the intergravel concentrations apply.
- (b) Includes all embryonic and larval stages and all juvenile forms to 30-days following hatching.
- (c) For reservoir or other manipulable discharges, the application of the one day minimum criterion must limit either the frequency of occurrence of values below the acceptable 7-day mean minimum or must impose further limits on the extent of excursions below the 7-day mean minimum. For such controlled discharges, it is recommended that the occurrence of the daily minima below the acceptable 7-day mean minimum be limited to 3 weeks per year or that the acceptable one-day minimum be increased to 4.0 mg/L for coldwater fish and 3.5 mg/L for warmwater fish.

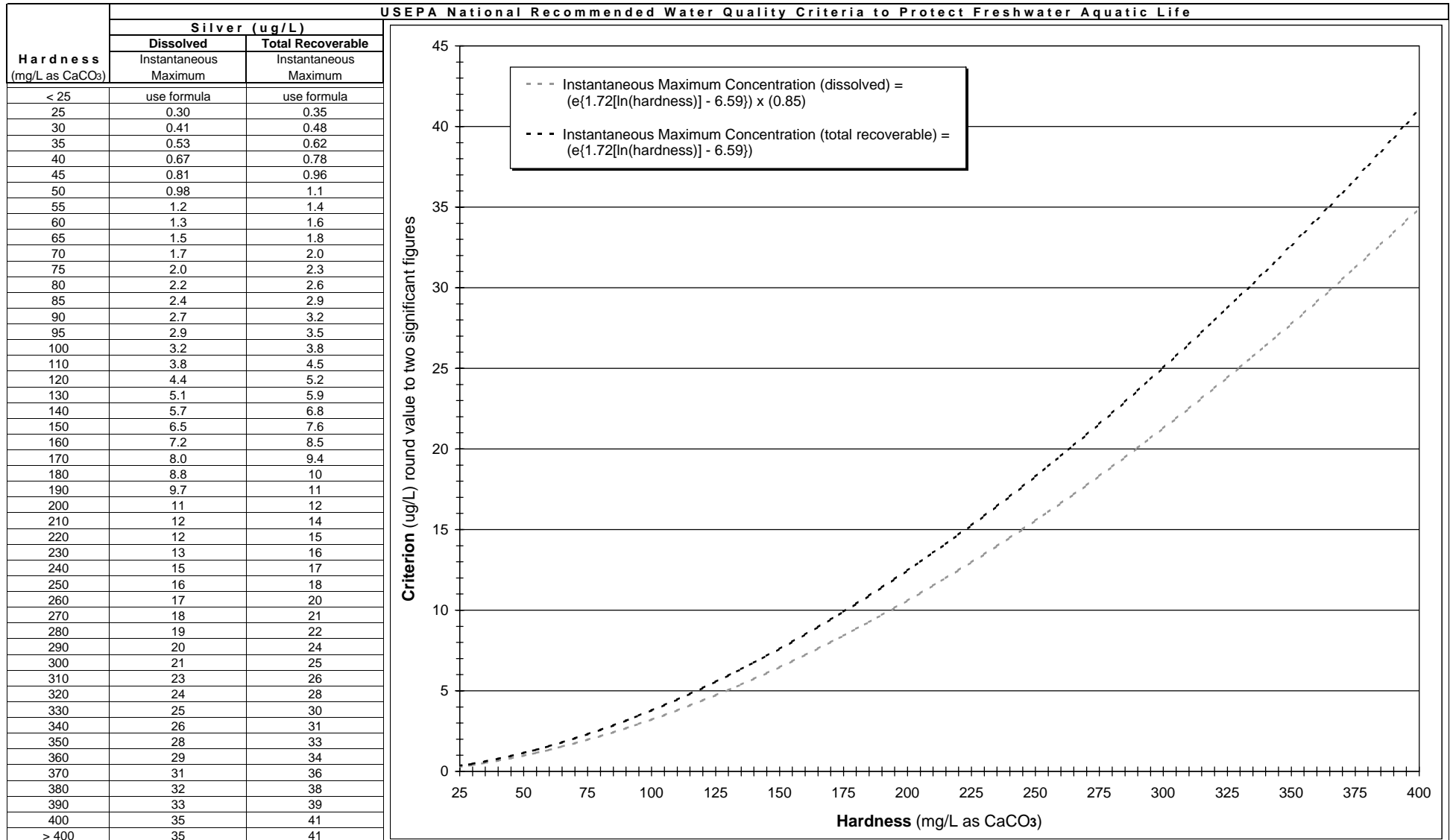
WATER QUALITY LIMITS FOR CONSTITUENTS AND PARAMETERS FRESHWATER AQUATIC LIFE - PENTACHLOROPHENOL



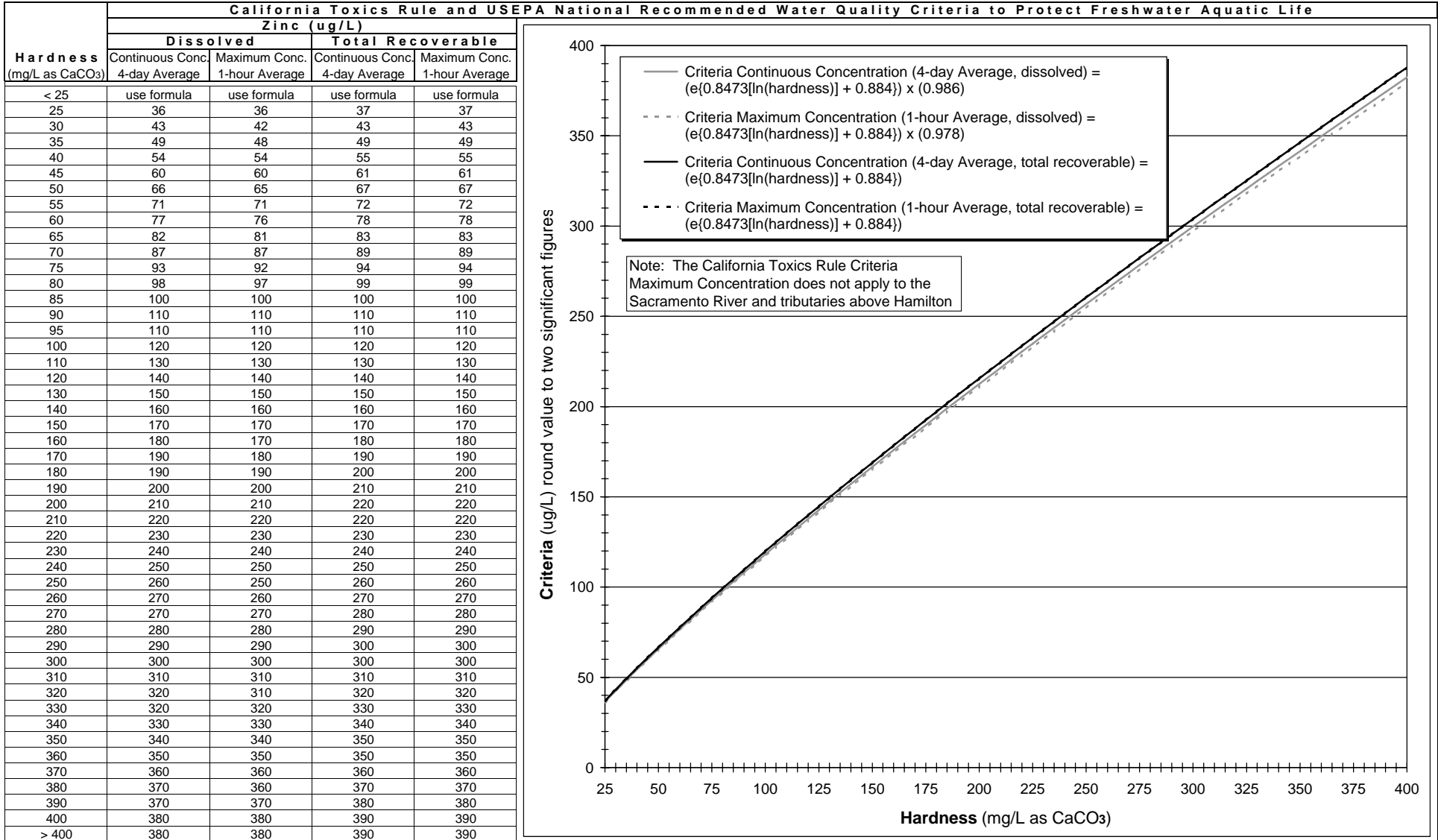
WATER QUALITY LIMITS FOR CONSTITUENTS AND PARAMETERS FRESHWATER AQUATIC LIFE - SILVER



WATER QUALITY LIMITS FOR CONSTITUENTS AND PARAMETERS FRESHWATER AQUATIC LIFE - SILVER



WATER QUALITY LIMITS FOR CONSTITUENTS AND PARAMETERS FRESHWATER AQUATIC LIFE - ZINC



FOOTNOTES

F O O T N O T E S

- (7-day) For exposure of 7 days or less.
 (10-day) For exposure of 10 days or less.
 (24-hr) For exposure of 24 hours or less.
- (A) Class A: Known human carcinogen; sufficient epidemiologic evidence in humans. Carcinogenic to humans (U.S. Environmental Protection Agency, 1986 Guidelines for Carcinogen Risk Assessment).
 (B) Class B: Probable human carcinogen. Likely to be carcinogenic to humans (U.S. Environmental Protection Agency, 1986 Guidelines for Carcinogen Risk Assessment).
- (B1) Class B1: Probable human carcinogen; limited epidemiologic evidence in humans. Likely to be carcinogenic to humans (U.S. Environmental Protection Agency, 1986 Guidelines for Carcinogen Risk Assessment).
 (B2) Class B2: Probable human carcinogen; sufficient evidence from animal studies; no or inadequate human data. Likely to be carcinogenic to humans (U.S. Environmental Protection Agency, 1986 Guidelines for Carcinogen Risk Assessment).
- (C) Class C: Possible human carcinogen; limited evidence from animal studies; no human data. Suggestive evidence of carcinogenic potential (U.S. Environmental Protection Agency, 1986 Guidelines for Carcinogen Risk Assessment).
 (D) Class D: Not classifiable as to human carcinogenicity; no data or inadequate evidence. Inadequate information to assess carcinogenic potential (U.S. Environmental Protection Agency, 1986 Guidelines for Carcinogen Risk Assessment).
 (E) Class E: Evidence of non-carcinogenicity for humans. Not likely to be carcinogenic to humans (U.S. Environmental Protection Agency, 1986 Guidelines for Carcinogen Risk Assessment).
 (H) Carcinogenic to humans (U.S. Environmental Protection Agency, 2005 Guidelines for Carcinogen Risk Assessment).
 (I) Inadequate information to assess carcinogenic potential (U.S. Environmental Protection Agency, 2005 Guidelines for Carcinogen Risk Assessment).
 (L) Likely to be carcinogenic to humans (U.S. Environmental Protection Agency, 2005 Guidelines for Carcinogen Risk Assessment).
- (L/N) Likely to be carcinogenic above a specified dose but not likely to be carcinogenic below that dose because a key event in tumor formation does not occur below that dose (U.S. Environmental Protection Agency, 2005 Guidelines for Carcinogen Risk Assessment).
 (N) Not likely to be carcinogenic to humans (U.S. Environmental Protection Agency, 2005 Guidelines for Carcinogen Risk Assessment).
 (S) Suggestive evidence of carcinogenic potential (U.S. Environmental Protection Agency, 2005 Guidelines for Carcinogen Risk Assessment).
- (1) Expressed as dissolved.
 (2) Expressed as total recoverable.
 (3) Now covered by the Primary MCL for Gross Beta Radioactivity.
 (4) For dissolved chloride associated with sodium; criterion probably will not be adequately protective when chloride is associated with potassium, calcium, or magnesium, rather than sodium.
 (5) For inorganic oxides; draft value.
 (6) Pentavalent arsenic [As(V)] effects on plants.
 (7) First value calculated for child; second value calculated for adult.
 (8) Advisory concentration; U.S. EPA Water Quality Advisory; Reference 13.
 (9) As CaCO₃; minimum concentration except where natural concentrations are less.
 (10) USEPA Drinking Water Advisory. From Reference 33.
 (11) For dinitrophenols.
 (12) Value developed for chromium (VI); may be applied to total chromium if valence unknown.
 (13) For sum of bromoform, bromomethane and chloromethane.
 (14) Regulatory dose level divided by 2 liters per day average consumption; represents a 1-in-100,000 incremental cancer risk estimate or 1/1000 of the No Observed Effect Level for reproductive toxicity.
 (15) Determined to present no significant risk of cancer by the route of ingestion (Title 27, California Code of Regulation, Section 25707).
 (16) Toxicity to one species of fish after 2600 hours of exposure.
 (17) Mortality in a fish species after 30 day exposure.
 (18) Applies separately to endrin and endrin aldehyde.
 (19) For total trihalomethanes (sum of bromoform, bromodichloromethane, chloroform and dibromochloromethane); based largely on technology and economics.
 (20) For halomethanes.
- (21) Based on limited evidence.
 (22) For chlorinated benzenes.
 (23) Toxicity to a fish species exposed for 7.5 days.
 (24) For dichlorobenzenes.
 (25) 1983 Suggested-No-Adverse-Response Level; to be reviewed in the future.
 (26) From Reference 8.
 (27) For dichloroethylenes.
 (28) For dichloropropanes.
 (29) For dichloropropenes.
 (30) This limit has a range of values between the first and second numbers shown.
 (31) Adverse behavioral effects occur to one species.
 (32) First value is an upper bound estimate, while second value is a central tendency estimate of risk.
 (33) For sum of acenaphthylene, anthracene, benz(a)anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(g,h,i)perylene, benzo(a)pyrene, chrysene, dibenz(a,h)anthracene, fluorene, indeno(1,2,3-c,d)pyrene, phenanthrene, and pyrene.
- (34) Flavor impairment in a fish species occurs.
 (35) Mortality to early life stages of a fish species occurs.
 (36) Based on analytical quantitation limit available at the time the limit was established. Adverse water quality impacts may occur at lower concentrations.
 (37) For mononitrophenols.
 (38) Toxicity to algae occurs.
 (39) Cancer risk at Notification Level is 3.3 in 1,000,000. 1-in-1,000,000 cancer risk at 0.003 ug/L.
 (40) For white phosphorus.
 (41) For carcinogenic polynuclear aromatic hydrocarbons.
 (42) For endosulfan-alpha, endosulfan-beta and endosulfan sulfate.
 (43) For benzene hexachloride isomers.
 (44) First value calculated from corn oil gavage animal study; second value calculated from drinking water animal study.
 (45) For sum of phthalate esters.
 (46) For chloroalkyl ethers.
 (47) For tetrachloroethanes.
 (48) For chlorinated naphthalenes.
 (49) 1980 U.S. EPA Suggested-No-Adverse-Response Level.
 (50) For DDT, DDD, and DDE, in combination.
 (51) This criterion is from a 1976 USEPA reference and also appears in the current list of recommended criteria published by USEPA. From Reference 9.
 (52) For polynuclear aromatic hydrocarbons.
 (53) For dinitrotoluenes.
 (54) This criterion is from a 1973 USEPA reference, but it does not appear in the current list of recommended criteria published by USEPA. From Reference 20.
 (55) From Reference 30.
 (56) For nitrosamines.
 (57) Guidance level to protect those individuals restricted to a total sodium intake of 500 mg/day; Reference 33.
 (58) For haloethers.
 (59) Chronic Suggested-No-Adverse-Response Level was estimated to be 100-fold lower than the listed 24-hour value in calculating this level.
- (60) Calculated from published Reference Dose using assumptions of 70 kg body weight, 2 liters/day water consumption, and 20% relative source contribution from drinking water. An additional uncertainty factor of 10 is used for Class C and S carcinogens.
 (61) 6-month median.
 (62) For pH between 6.5 and 9.0. Use of Water-Effects Ratios might be appropriate because: (1) aluminum is less toxic at higher pH and hardness but relationship not well quantified; (2) aluminum associated with clay particles may be less toxic than that associated with aluminum hydroxide particles; (3) many high quality waters in U.S. exceed 87 ug/L as total or dissolved.
 (63) Average chain length, C12; approximately 60% chlorine by weight.
 (64) Based on kepone.
 (65) Value for 2,4-dinitrotoluene, 2,6-dinitrotoluene, the technical grade of either chemical or a mixture of isomers.

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- (66) Measured as Cl. Maximum residual disinfectant level and goal. Applies only if this disinfectant is used.
- (67) Measured as ClO₂. Maximum residual disinfectant level and goal. Applies only if this disinfectant is used.
- (68) Draft / tentative / provisional; applies only to second value if two separate values are listed; applies to range if a range of values is listed.
- (69) For Arochlor 1260.
- (70) At pH 6.8, caused 50% reduction in growth of yearling sockeye salmon in 56-day test.
- (71) May be present as a decomposition product in Ferbam, Maneb, Nabam, Thiram, Zineb, and Ziram.
- (72) As NO₃; in addition, MCL for total nitrate plus nitrite = 10,000 ug/L (as N).
- (73) Recommended level; Upper level = 500 mg/L; Short-term level = 600 mg/L.
- (74) Recommended level; Upper level = 1600 umhos/cm; Short-term level = 2200 umhos/cm.
- (75) Recommended level; Upper level = 1000 mg/L; Short-term level = 1500 mg/L.
- (76) For "TCDD equivalents" calculated as the sum of 2,3,7,8-chlorinated dibenzodioxin and dibenzofuran concentrations multiplied by their respective USEPA Toxicity Equivalency Factors. See page 26 of Reference
- (77) For 1,2- and 1-3-dichlorobenzenes.
- (78) Unless otherwise noted, from Reference 19.
- (79) For elemental phosphorus; marine or estuarine.
- (80) Instantaneous maximum.
- (81) For oxychlordane and alpha and gamma isomers of chlordane, chlordene and nonachlor.
- (82) A decrease in the number of algal cells occurs.
- (83) Adverse effects on a fish species exposed for 168 days.
- (84) Systems that use conventional or direct filtration may not exceed 1 NTU at any time or 0.3 NTU for 95th percentile value; stems that use other "alteranative" filtration systems may not exceed 5 NTU at any time or 1 NTU for 95th percentile value.
- (85) Expressed as total recoverable; this National Toxics Rule criterion applies to SF Bay through Susuin Bay and Sacramento-San Joaquin Delta, Salt Slough, Mud Slough (north), and San Joaquin River, Sack Dam to mouth of Merced River; does not apply to San Joaquin River, mouth of Merced to Vernalis; see reference 23.
- (86) For nonchlorinated phenolic compounds.
- (87) For chlorinated phenolic compounds.
- (88) For nitrophenols.
- (89) Expressed as nitrogen.
- (90) For total chlorine residual; for intermittent chlorine sources see Chapter IV, Table B of Reference 28.
- (91) Second value from Reference 16.
- (92) For 3,3'-Dichlorobenzidine and its salts.
- (93) Based on the Public Health Goal for Benzo(a)pyrene in drinking water and potency equivalency factors (PEFs) for selected polynuclear aromatic hydrocarbons (PAHs) on page B-86 of Reference 31.
- (94) Carcinogen; criterion based on cancer risk. Criterion refers to the inorganic form only.
- (95) For the pentavalent form.
- (96) EC50 for eastern oyster embryos.
- (97) Expressed as total recoverable; this National Toxics Rule criterion applies to SF Bay through Susuin Bay and Sacramento-San Joaquin Delta, Salt Slough, Mud Slough (north), and San Joaquin River, Sack Dam to mouth of Merced River; the California Toxics Rule applies this criterion to all other inland California waters; does not apply to Grassland Water District, San Luis National Wildlife Refuge, and Los Banos State Wildlife Refuge; see reference 23.
- (98) For total residual chlorine.
- (99) For sum of chlorine-produced oxidants.
- (100) First number for Radium-226; second number for Radium-228.
- (101) MFL = million fibers per liter; limited to fibers longer than 10 um.
- (102) Calculated from published oral Cancer Potency Slope Factor using assumptions of 70 kg body weight and 2 liters/day water consumption.
- (103) As nitrogen (N); in addition, limit for total nitrate + nitrite = 10,000 ug/L (as N).
- (104) Based on endosulfan; USEPA Water Quality Advisory; Reference 13.
- (105) Treatment Technique: Not to exceed 0.05% monomer in polyacrylamide when dosed at 1 mg/L for drinking water treatment.
- (106) For five haloacetic acids (sum of monochloroacetic acid, dichloroacetic acid, trichloroacetic acid, monobromoacetic acid, and dibromoacetic acid).
- (107) Unleaded; value for benzene.
- (108) The level for noncancer health effects is also considered adequately protective of public health for cancer by the oral route of exposure, on the basis of the nonlinear dose response for this chemical and the mode of action for both cancer and noncancer effects having a common link through cytotoxicity.
- (109) Optimal fluoride level and (range) vary with annual average of maximum daily air temperature; 50.0 to 53.7 degrees F - 1.2 (1.1 to 1.7) mg/L; 53.8 to 58.3 degrees F - 1.1 (1.0 to 1.7) mg/L; 58.4 to 63.8 degrees F - 1.0 (0.9 to 1.5) mg/L; 63.9 to 70.6 degrees F - 0.9 (0.8 to 1.4) mg/L; 70.7 to 79.2 degrees F - 0.8 (0.7 to 1.3) mg/L; 79.3 to 90.5 degrees F - 0.7 (0.6 to 1.2) mg/L.
- (110) Picocuries per liter; including Radium-226 but excluding Radon and Uranium.
- (111) MCL includes this Action Level to be exceeded in no more than 10% of samples at the tap.
- (112) Listed criterion expressed as unionized ammonia; criteria based on total ammonia are shown on Page 18.
- (113) Based on carcinogenicity at 1-in-a-million risk level.
- (114) Developed as 24-hour average using 1980 USEPA Guidelines; but applied as 4-day average in the National Toxics Rule, reference 22.
- (115) Criterion most appropriately applied to the sum of alpha-Endosulfan and beta-Endosulfan. Reference 26.
- (116) Applies separately to Aroclors 1016, 1242, 1254, 1221, 1232, 1248, and 1260; based on carcinogenicity at 1-in-a-million risk level.
- (117) Effluent limitation for wastes discharged to waters.
- (118) For the sum of Aroclors 1016, 1221, 1232, 1242, 1248, 1254, and 1260.
- (119) Cancer classification not supported by ingestion data.
- (120) For isomers with chlorines in 2,3,7 and 8 positions.
- (121) Cancer risk may not be linear with dose above 60 ug/L.
- (122) For the oxide form.
- (123) For the pentoxide form.
- (124) For the gas phase.
- (125) Applies to first value if more than one individual value is listed. Applies to the range if a range of values is listed. From Reference 7.
- (126) Applies to second value if more than one value listed. Water-dilution odor threshold calculated from air odor threshold using equilibrium distributions. From Reference 29.
- (127) For protection of consumers of marine molluscs.
- (128) Virtually free from oil and grease, particularly from the tastes and odors that emanate from petroleum products.
- (129) 0.01 of the lowest continuous flow 96-hour LC50 to several important freshwater and marine species, each having a demonstrated high susceptibility to oils and petrochemicals; surface waters shall be virtually free from floating nonpetroleum oils of vegetable or animal origin, as well as petroleum derived oils.
- (130) Waters shall be virtually free from substances producing objectionable color for aesthetic purposes; the source of supply should not exceed 75 color units on the platinum-cobalt scale for domestic water supplies.
- (131) Increased color, in combination with turbidity (suspended and settleable solids) should not reduce the depth of the compensation point for photosynthetic activity by more than 10% from the seasonally established norm for aquatic life.
- (132) For open ocean waters where depth is substantially greater than euphotic zone, pH should not be changed > 0.2 units from naturally occurring variation or in any case outside of range 6.5 to 8.5. For shallow highly productive coastal and estuarine areas where naturally occurring pH variations approach the lethal limits of some species, change in pH should be avoided but in any case should not exceed limits for freshwater., i.e., 6.5 to 9.0.
- (133) For chlorides and sulfates in domestic water supplies.
- (134) Withdrawn.
- (135) Expressed as total recoverable; may be converted to a value expressed as dissolved by multiplying the maximum criterion by 0.996 and the continuous criterion by 0.922. The Maximum Concentration is equal to $1 / [(f1/185.9) + (f2/12.83)]$, where f1 and f2 are the fractions of total selenium that are treated as selenite and selenate, respectively.
- (136) Draft Chronic Criterion: The concentration of selenium in whole-body fish tissue should not exceed 7.91 ug/g dw (dry weight). In addition, if whole-body fish tissue concentrations exceed 5.85 ug/g dw during summer or fall, fish tissue should be monitored during the winter to determine whether the selenium concentration exceeds 7.91 ug/g dw.
- (137) Expressed as free cyanide (as CN).
- (138) Not toxic to aquatic organisms at or below the solubility limit of this chemical. Reference 26.
- (139) The derivation of this criterion did not consider exposure through the diet, which is probably important for aquatic life occupying upper trophic levels. Reference 26.

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- (140) Criterion derived from data for inorganic mercury (II), but is applied to total mercury. It will probably be underprotective if a substantial portion of mercury in the water column is methylmercury. Derivation of criterion did not consider exposure through the diet, which is probably important for aquatic life occupying upper trophic levels. Reference 26.
- (141) See Reference 16.
- (142) Criteria do not apply to waters subject to water quality objectives in Tables III-2A and III-2B of the San Francisco Bay Regional Water Quality Control Board's 1986 Basin Plan. See Reference 17.
- (143) These criteria were promulgated for specific California waters in the National Toxics Rule, Reference 23.
- (144) Monitoring required for 2,3,7,8-TCDD Equivalents, calculated as the sum of the concentrations of each 2,3,7,8-chlorinated dibenzodioxin and 2,3,7,8-chlorinated dibenzofuran multiplied by the corresponding toxic equivalency factors (TEFs); see page 28 of Reference 27.
- (145) Treatment Technique: Not to exceed 0.01% residual when dosed at 20 mg/L for drinking water treatment.
- (146) Provisional reference dose or cancer slope factor from USEPA Superfund Program. Not from IRIS. See Reference 34.
- (147) The date is not the adoption date, but rather the date on which the limit was reaffirmed.
- (148) The sum of aldicarb, aldicarb sulfoxide and aldicarb sulfone should not exceed 7 ug/L because of similar mode of action. Administrative stay of the effective date.
- (149) For water-soluble PCBs expected to be found in drinking water, i.e., those with 4 or fewer chlorines and with a water solubility of 240 ug/L or more at 25°C.
- (150) Applies to the lithium salt.
- (151) Criterion derived by the California Department of Fish and Game; not a national recommended criterion. Applies to first value if more than one value is listed. From Reference 32.
- (152) Interim criterion derived by the California Department of Fish and Game; not a national recommended criterion. Applies to first value if more than one value is listed. From Reference 32.
- (153) 10 ug/L for neonatal infant boys age 0 to 28 days. 49 ug/L for infant boys age 29 days to 24 months. 205 ug/L for adults.
- (154) If assessment is to be done using an averaging period, the values given should be divided by 2 to obtain a value that is more comparable to a Criteria Maximum Concentration (1-hour average). See Reference 26.
- (155) Cancer Class D based on oral exposure data; Cancer Class A based on inhalation exposure data.
- (156) First value based on exposure from birth; second value based on adult exposure only.
- (157) Action Level temporarily at 1-in-100,000 risk level.
- (158) This limit covers the parent compound (thiobencarb), its chlorobenzyl and chlorophenyl moiety-containing degradation products and oxidation products such as thiobencarb sulfoxide, thiobencarb sulfone, and 4-chlorobenzosulfonic acid.
- (159) Effective 8 December 2003 for all community water systems.
- (160) Based on June 1995 IRIS oral reference dose with a relative source contribution of 40 percent.
- (161) Concentration in fish or shellfish tissue.
- (162) For natural uranium. Value is equal to 0.43 pCi/L.
- (163) Limit expressed as three separate values, 0.4, 0.7 and 0.8 ug/L, based on different toxicologic studies.
- (164) For soluble salts.
- (165) First value for aroclor 1016; second value for aroclor 1254.
- (166) Value modified using more recent information in USEPA Integrated Risk Information System (IRIS). See Reference 3.
- (167) Value modified using more recent information in USEPA Office of Pesticide Programs Registration Eligibility Decisions Documents. From Reference 36.
- (168) Reference dose published in USEPA Office of Pesticide Programs Registration Eligibility Decisions Documents. Limit assumes 70 kg body weight, 2 liters/day water consumption, and 20% relative source contribution from drinking water. An additional uncertainty factor of 10 is used for Class C and S carcinogens. From Reference 36.
- (169) Measured as free chlorine.
- (170) From Reference 10.
- (171) Beta/photon MCL is 4 millirem/year annual dose equivalent to the total body or any internal organ; Sr-90 MCL = 4 mrem/yr to bone marrow; Tritium MCL = 4 mrem/yr to total body.
- (172) Applies to DDT and its metabolites (i.e., the total concentration of DDT and its metabolites should not exceed this value).
- (173) Applies to total PCBs (e.g., sum of all congener or all isomer or homolog or Aroclor analyses).
- (174) Second limit is for the hydrochloride or dihydrochloride salt.
- (175) Measured as Cl₂. Maximum residual disinfectant level.
- (176) Measured as ClO₂. Maximum residual disinfectant level.
- (177) For technical or commercial grade chemical.
- (178) In addition, the Average Primary Producer Steinhaus Similarity deviation for a site is less than 5% (as determined using Comprehensive Aquatic Systems Model (CASM) or other appropriate model and index) and is not exceeded more than once every three years (or other appropriate return frequency sufficient to allow system recovery). The 5% index for the protection of aquatic plant community should also be protective of most freshwater animals (chronic criterion).
- (179) This criterion is for a 30-day average, rather than 4-day average.
- (180) Acute and chronic aquatic life criteria are calculated using the Biotic Ligand Model, a metal bioavailability model. See Reference 25.
- (181) Criterion expressed as total cyanide, even though IRIS RfD used to derive criterion based on free cyanide. The multiple forms of cyanide present in ambient water have significant differences in toxicity due to differing abilities to liberate CN-moiety. Some complex cyanides expected to have little or no bioavailability to humans. If a substantial fraction of cyanide present in water body is present in complexed form (e.g., Fe₄[Fe(CN)₆]₃), this criterion may be over conservative.
- (182) Includes a 3-fold modifying factor to account for increased bioavailability from drinking water. From Reference 3.
- (183) Carcinogenic to humans by inhalation route.
- (184) Limit is non-corrosive.
- (185) MCL Goal is set at zero.
- (186) Limit is less than the numerical value shown.
- (187) Limit is greater than the numerical value shown.
- (188) Carcinogen; limit based on cancer risk.
- (189) Reproductive toxin; limit based on reproductive toxicity.
- (190) Not practical to adopt a limit for this parameter because a variety of radionuclides may be responsible. See limits for individual radionuclides. OEHHA has determined that the MCL for this parameter is associated with a cancer risk far in excess of the de minimis risk level of one-in-a-million for lifetime cancer risks.
- (191) First number is the Notification Level, above which local government notification is required and customer notification is recommended. Second number is the Response Level, at which the drinking water source is recommended to be taken out of service.
- (192) Cancer risk at Notification Level is 1 in 100,000. 1 in 1,000,000 cancer risk at 0.001 ug/L.
- (193) Cancer risk at Notification Level is 2 in 1,000,000. 1 in 1,000,000 cancer risk at 0.005 ug/L.
- (194) Based on dental fluorosis in children, a cosmetic effect.
- (195) Based on skeletal fluorosis.
- (196) Value modified using more recent information in USEPA Integrated Risk Information System (IRIS) for mercuric chloride, but with cancer class "D" from earlier health advisory. See Reference 3.
- (197) Cancer Class I based on oral exposure data; Cancer Class L based on inhalation exposure data.
- (198) Cancer risk is likely to be no more than that of Bis(chloromethyl)ether (BCME), a contaminant of Chloromethyl methyl ether (CMME).
- (199) Draft acute exposure criterion. In addition, the 24-hour average selenate concentration in ug/L should not exceed the numerical value given by $\exp(0.5812[\ln(\text{sulfate})]+3.357)$, where sulfate is expressed in mg/L.
- (200) Acute criterion for selenite.
- (201) Limit assumes the default Relative Source Contribution of 20% exposure from drinking water (and 80% from other sources). Toxicologists with the Cal/EPA Office of Environmental Health Hazard Assessment have stated that this is not a valid assumption for this chemical and that a much higher RSC should be used. Such a change would result in a limit higher than the current drinking water standard for total chromium.
- (202) For soluble thallium salts, including thallium (I) acetate, thallium (I) carbonate, thallium (I) chloride, thallium (I) nitrate, and thallium (I) sulfate and not including thallium (I) selenite.

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