

PARAMETER	New Mexico	U.S. EPA Existing MCL	U.S. EPA PMCL	U.S. EPA MCLG	U.S. EPA Lifetime HA
<b><u>ETHANES</u></b>					
1,2-Dibromoethane (EDB)	0.0001	0.00005		Zero	
1,2-Dichloroethane (EDC)	0.01	0.005		Zero	
1,1,1-Trichloroethane	0.06	0.2		0.2	
1,1,2-Trichloroethane	0.01	0.005		0.003	
1,1,1,2-Tetrachloroethane					0.07
1,1,2,2-Tetrachloroethane	0.01				
Ethylene Glycol					7
<b><u>ETHENES (ETHYLENES)</u></b>					
Vinyl Chloride	0.001	0.002		Zero	
1,1-Dichloroethene	0.005	0.007		0.007	
cis-1,2-Dichloroethene		0.07		0.07	
trans-1,2-Dichloroethene		0.1		0.1	
Trichloroethene (TCE)	0.1	0.005		Zero	
Tetrachloroethene (PCE)	0.02	0.005		Zero	
<b><u>PROPANES</u></b>					
1,2-Dichloropropane (PDC)		0.005		Zero	
1,2,3-Trichloropropane					0.04
DBCP		0.0002		Zero	
Epichlorohydrin		TT		Zero	
MTBE	0.1 (a)				0.04
<b><u>POLYCYCLICS</u></b>					
Benz(a)anthracene			0.0001	Zero	
Benzo(a)pyrene	0.0007	0.0002		Zero	
Benzo(b)fluoranthene			0.0002	Zero	
Benzo(k)fluoranthene			0.0002	Zero	
Chrysene			0.0002	Zero	
Dibenz(a)anthracene			0.0003	Zero	
Indeno(1,2,3-c,d)pyrene			0.0004	Zero	
Naphthalene					0.3
Naphthalenes****	0.03				
PCBs	0.001				
PCBs as Decachlorobiphenyl		0.0005		Zero	
<b><u>MISCELLANEOUS</u></b>					
Acrylamide		TT		Zero	
Acrylonitrile					0.004
Bis-2-Chloroisopropyl Ether					0.3
Chloral Hydrate					0.05
Chloramine					0.3

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<u>MISC. CONTINUED</u>					
Cyanide	0.2	0.2		0.2	
Dibromoacetonitrile					0.02
Dichloroacetic Acid					0.003
Dichloroacetonitrile					0.006
DI(2-Ethylhexyl)Adipate		0.4		0.4	
DI(2-Ethylhexyl)Phthalate		0.006		Zero	
Diisopropyl Methylphosphonate					0.6
p-Dioxane					0.568 (10day)
Hexachlorobutadiene					0.001
Hexachlorocyclopentadiene		0.05		0.05	
Hexachlorocyclopentadiene (a)			0.008		
n-Hexane					4.0 (7 year)
HMX					0.4
Isophorone					0.1
MEK					0.2
Nitroglycerin					0.005
Nitroguanidine					0.7
Petroleum					
Floating Product	NP				
Undesirable Odor	NP				
RDX					0.002
Trichloroacetic Acid					0.2

OTHER PESTICIDES

Acifluorfen					0.1
Alachlor		0.002		Zero	
Aldicarb			0.003	0.001	
Aldicarb Sulfoxide			0.003	0.001	
Aldicarb Sulfone			0.003	0.002	
Aldrin					0.001
Ametryn					0.06
Ammonium Sulfamate					2
Atrazine		0.003		0.003	
Baygon					0.003
Bentazon					0.02
Bromacil					0.09
Butylate					0.35
Carbaryl					0.7
Carbofuran		0.04		0.04	
Carboxin					0.7
Chloramben					0.1
Chlordane		0.002		Zero	
Chlorothalonil					0.5
Chlorpyrifos					0.02
Cyanazine					0.01
2,4-D		0.07		0.07	
Dacthal					4
Dalapon		0.2		0.2	

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<b><u>OTHER PESTICIDES CONTINUED</u></b>					
Diazinon					0.0006
Dicamba					0.2
1,3-Dichloropropene					0.01
Dieldrin					0.002
Dimethrin					2
Dinoseb		0.007		0.007	
Dioxin		0.00000005		Zero	
Diphenamid					0.2
Diquat		0.02		0.02	
Disulfoton					0.0003
Diuron					0.01
Endothall		0.1		0.1	
Endrin		0.002		0.002	
Ethylene Thiourea					0.001
Fenamiphos					0.002
Fluometuron					0.09
Fonofos					0.01
Glyphosate		0.7		0.7	
Heptachlor		0.0004		Zero	
Heptachlor Epoxide		0.0002		Zero	
Hexazinone					0.2
Lindane		0.0002		0.0002	
Malathion					0.2
Maleic Hydrazide					4
MCPA					0.011
Methomyl					0.2
Methoxychlor		0.04		0.04	
Methyl Parathion					0.002
Metolachlor					0.1
Metribuzin					0.2
Oxamyl (Vydate)		0.2		0.2	
Paraquat					0.03
Picloram		0.5		0.5	
Prometon					0.1
Pronamide					0.05
Propachlor					0.09
Propazine					0.01
Propham					0.1
Simazine		0.004		0.004	
2,4,5-T					0.07
Tebuthiuron					0.5
Terbacil					0.09
Terbufos					0.0009
Toxaphene		0.003		Zero	
2,4,5-TP (Silvex)		0.05		0.05	
Trifluralin					0.005

## EXPLANATION FOR STANDARDS COMPARISON TABLE

### Footnotes

- The existing standard excludes radon and uranium activity. The proposed standard also will exclude Radium 226 activity.
- This standard includes photon activity and excludes Radium 228 activity.
- This standard applies to the sum of the four regulated trihalomethanes: chloroform, dichlorobromomethane, dibromochloromethane and bromoform.
- This standard applies to the sum of naphthalene and monomethylnaphthalene isomers.

### Abbreviations

AL	action level that, if exceeded, requires water treatment
2,4-D	2,4-dichlorophenoxyacetic acid
DBCP	1,2-dibromo-3-chloropropane
Dioxin	2,3,7,8-tetrachlorodibenzo-p-dioxin
EDB	ethylene dibromide, a synonym for 1,2-dibromoethane
EDC	ethylene dichloride, a synonym for 1,2-dichloroethane
HA	health advisory
HMX	octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine
MCL	maximum contaminant level
MCLG	maximum contaminant level goal
MEK	methyl ethyl ketone
mg/L	milligrams per liter
mrem/yr	millirem per year
MTBE	methyl tertiary butyl ether, a synonym for 2-methoxy-2-methyl propane (the standard includes other ether-based gasoline additives)
N	nitrogen
NP	not present
o	ortho
p	para
PCE	perchloroethylene, a synonym for tetrachloroethylene
pCi/L	picocuries per liter
PCBs	polychlorinated biphenyls
PDC	propylene dichloride, a synonym for 1,2-dichloropropane
PMCL	proposed maximum contaminant level
RDX	hexahydro-1,3,5-trinitro-s-triazine
TCE	trichloroethylene
TDS	total dissolved solids
2,4,5-T	2,4,5,-trichlorophenoxyacetic acid
2,4,5-TP	2,4,5-trichlorophenoxypropionic acid
TT	treatment technique that public water system operators must adhere to instead of a numerical standard
um	micrometer
U.S. EPA	United States Environmental Protection Agency

### **Use and Applicability of Standards**

All New Mexico standards are enforceable, including aesthetic and irrigation standards. The aesthetic "secondary" standards of U.S. EPA are merely recommended limits.

All New Mexico standards are adopted by the N.M. Water Quality Control Commission except for the MTBE and petroleum (floating product and undesirable odor) standards which are adopted by the N.M. Environmental Improvement Board.

U.S. EPA's MCLGs are set at levels that would result in no known or anticipated adverse health effects with an adequate margin of safety. MGLGs do not take treatment costs into consideration and are not enforceable. Health-based PMCLs and final enforceable MCLs are set as close to MGLGs as feasible with use of best technology, treatment techniques and other means.

U.S. EPA's HAs serve as informal technical guidance to assist Federal, State and local officials responsible for protecting public health when emergency spills or contamination situations occur. They are not to be construed as legally enforceable Federal standards and are subject to change as new information becomes available. HAs are developed for one-day, ten-day, 7-year and lifetime exposures. All HAs listed above are for lifetime exposure unless otherwise indicated.

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<b><u>BENZENES</u></b>					
Benzene	0.01	0.005		Zero	
<b>Alkyl Benzenes</b>					
Toluene	0.75	1	0.04 (a)	1	
Ethylbenzene	0.75	0.7	0.03 (a)	0.7	
Xylenes	0.62	10	0.02 (a)	10	
Styrene		0.1		0.1	
<b>Chlorinated Benzenes</b>					
Chlorobenzene		0.1		0.1	
o-Dichlorobenzene		0.6		0.6	
p-Dichlorobenzene		0.075	0.005 (a)	0.075	
1,2,4-Trichlorobenzene		0.07		0.07	
1,3,5-Trichlorobenzene					0.04
Hexachlorobenzene		0.001		Zero	
1,3-Dinitrobenzene					0.001
<b>Toluenes</b>					
o-Chlorotoluene					0.1
p-Chlorotoluene					0.1
2,4,6-Trinitrotoluene (TNT)					0.002
<b>Phenols</b>					
Phenol					4
2-Chlorophenol					0.04
2,4-Dichlorophenol					0.02
Pentachlorophenol		0.001		Zero	
Pentachlorophenol (a)			0.03		
Phenols (a)	0.005				
<b><u>METHANES</u></b>					
Chloromethane					0.003
Methylene Chloride	0.1	0.005		Zero	
Chloroform	0.1				
Trihalomethanes***		0.1			
Carbon Tetrachloride	0.01	0.005		Zero	
Bromomethane					0.01
Bromochloromethane					0.09
Chlorodibromomethane					0.1
Dichlorodifluoromethane					1
Fluorotrichloromethane					2
Formaldehyde					1

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Cyanide	0.2	0.2		0.2	
Dibromoacetonitrile					0.02
Dichloroacetic Acid					0.003
Dichloroacetonitrile					0.006
Di(2-Ethylhexyl)Adipate		0.4		0.4	
Di(2-Ethylhexyl)Phthalate		0.006		Zero	
Diisopropyl Methylphosphonate					0.6
p-Dioxane					0.568 (10day)
Hexachlorobutadiene					0.001
Hexachlorocyclopentadiene		0.05		0.05	
Hexachlorocyclopentadiene (a)			0.008		
n-Hexane					4.0 (7 year)
HMX					0.4
Isophorone					0.1
MEK					0.2
Nitroglycerin					0.005
Nitroguanidine					0.7
Petroleum					
Floating Product	NP				
Undesirable Odor	NP				
RDX					0.002
Trichloroacetic Acid					0.2
<u>OTHER PESTICIDES</u>					
Acifluorfen					0.1
Alachlor		0.002		Zero	
Aldicarb			0.003	0.001	
Aldicarb Sulfoxide			0.003	0.001	
Aldicarb Sulfone			0.003	0.002	
Aldrin					0.001
Ametryn					0.06
Ammonium Sulfamate					2
Atrazine		0.003		0.003	
Baygon					0.003
Bentazon					0.02
Bromacil					0.09
Butylate					0.35
Carbaryl					0.7
Carbofuran		0.04		0.04	
Carboxin					0.7
Chloramben					0.1
Chlordane		0.002		Zero	
Chlorothalonil					0.5
Chlorpyrifos					0.02
Cyanazine					0.01
2,4-D		0.07		0.07	
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Dieldrin					0.002
Dimethrin					2
Dinoseb		0.007		0.007	
Dioxin		0.00000005		Zero	
Diphenamid					0.2
Diquat		0.02		0.02	
Disulfoton					0.0003
Diuron					0.01
Endothall		0.1		0.1	
Endrin		0.002		0.002	
Ethylene Thiourea					0.001
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Metribuzin					0.2
Oxamyl (Vydate)		0.2		0.2	
Paraquat					0.03
Picloram		0.5		0.5	
Prometon					0.1
Pronamide					0.05
Propachlor					0.09
Propazine					0.01
Propham					0.1
Simazine		0.004		0.004	
2,4,5-T					0.07
Tebuthiuron					0.5
Terbacil					0.09
Terbufos					0.0009
Toxaphene		0.003		Zero	
2,4,5-TP (Silvex)		0.05		0.05	
Trifluralin					0.005

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