Disclaimer

The information contained in the Groundwater and Surface Water Cleanup Target Levels Comparison table is provided to you as an aid in identifying changes in cleanup target levels. However, the tables are not a rule or the Department's official statement of the cleanup levels. Although the Department has made reasonable efforts to provide correct information in these tables, the entries have not been verified for accuracy or completeness. The user assumes all risks in use of the tables. The user should not rely on these tables to make decisions affecting the user's legal rights. For matters affecting legal rights, please refer to the printed version of the official publications of Chapter 62-777, F.A.C., which is available on the website for the Department of State at http://election.dos.state.fl.us/fac/index.shtml.

Comparison of Chapter 62-777, F.A.C. - May 26 1999 Values vs. April 17, 2005 Values

Groundwater and Surface Water Cleanup Target Levels

Contaminants	CAS #s	Groundwater Criteria (ug/L)		Freshwater Surface Water Criteria (ug/L)		Marine Surface Water Criteria (ug/L)	
		1999	2005	1999	2005	1999	2005
Acenaphthene	83-32-9	20 *Minimum Criteria* *Organoleptic*	20 *Minimum Criteria* *Organoleptic*	3 *Toxicity Criteria*	3 *Toxicity Criteria*	3 *Toxicity Criteria*	3 *Toxicity Criteria*
Acenaphthylene	208-96-8	210 *Minimum Criteria* *Systemic Toxicant*	210 *Minimum Criteria* *Systemic Toxicant*	0.031 *62-302*	* *62-302* *annual average*	0.031 *62-302*	* *62-302* *annual average*
Acephate	30560-19-1	7.5 *Minimum Criteria* *PQL*	4 *Minimum Criteria* *Carcinogen*	190 *Toxicity Criteria*	190 *Toxicity Criteria*	190 *Toxicity Criteria*	190 *Toxicity Criteria*
Acetone	67-64-1	700 *Minimum Criteria* *Systemic Toxicant*	6300 *Minimum Criteria* *Systemic Toxicant*	1692 *Toxicity Criteria*	1700 *Toxicity Criteria*	1692 *Toxicity Criteria*	1700 *Toxicity Criteria*
Acetonitrile	75-05-8	500 *Minimum Criteria* *PQL*	42 *Minimum Criteria* *Systemic Toxicant*	19983 *Toxicity Criteria*	20000 *Toxicity Criteria*	19983 *Toxicity Criteria*	20000 *Toxicity Criteria*
Acetophenone	98-86-2	700 *Minimum Criteria* *Systemic Toxicant*	700 *Minimum Criteria* *Systemic Toxicant*	7750 *Toxicity Criteria*	7800 *Toxicity Criteria*	7750 *Toxicity Criteria*	7800 *Toxicity Criteria*
Acifluorfen, sodium [or Blazer]	62476-59-9	NA	1 *Minimum Criteria* *Carcinogen*		190 *Toxicity Criteria*		190 *Toxicity Criteria*
Acrolein	107-02-8	14 *Minimum Criteria* *Systemic Toxicant*	3.5 *Minimum Criteria* *Systemic Toxicant*	0.4 *Toxicity Criteria*	0.4 *Toxicity Criteria*	0.4 *Toxicity Criteria*	0.4 *Toxicity Criteria*
Acrylamide	79-06-1	1 *Minimum Criteria* *PQL*	0.008 *Minimum Criteria* *Carcinogen*	5.98 *Human Health*	0.3 *Human Health*	5.98 *Human Health*	0.3 *Human Health*
Acrylic acid	79-10-7	3500 *Minimum Criteria* *Systemic Toxicant*	3500 *Minimum Criteria* *Systemic Toxicant*	*NA*	*NA*	*NA*	*NA*
Acrylonitrile	107-13-1	1 *Minimum Criteria* *PQL*	0.06 *Minimum Criteria* *Carcinogen*	49.9 *Human Health*	0.2 *Human Health*	49.9 *Human Health*	0.2 *Human Health*
Alachlor	15972-60-8	2 *Primary Standard* *Carcinogen*	2 *Primary Standard* *Carcinogen*	0.596 *Human Health*	0.5 *Human Health*	0.596 *Human Health*	0.5 *Human Health*
Aldicarb [or Temik]	116-06-3	NA	7 *Minimum Criteria* *Systemic Toxicant*		0.9 *Toxicity Criteria*		0.9 *Toxicity Criteria*
Aldicarb sulfone	1646-88-4	7 *Minimum Criteria* *Systemic Toxicant*	7 *Minimum Criteria* *Systemic Toxicant*	46 *Toxicity Criteria*	46 *Toxicity Criteria*	46 *Toxicity Criteria*	46 *Toxicity Criteria*
Aldicarb sulfoxide	1646-87-3	7 *Minimum Criteria* *Health Advisory Level*	7 *Minimum Criteria* *Systemic Toxicant*	4.2 *Toxicity Criteria*	4.2 *Toxicity Criteria*	4.2 *Toxicity Criteria*	4.2 *Toxicity Criteria*

DISCLAIMER - For matters affecting legal rights or for the official version of cleanup target levels for Chapter 62-777, F.A.C., please refer to the F.A.W. published version of Chapter 62-777, F.A.C.

Comparison of Chapter 62-777, F.A.C. - May 26 1999 Values vs. April 17, 2005 Values

Groundwater and Surface Water Cleanup Target Levels

Contaminants	CAS #s	Groundwater Criteria (ug/L)		Freshwater Surface Water Criteria (ug/L)		Marine Surface Water Criteria (ug/L)	
		1999	2005	1999	2005	1999	2005
Aldrin	309-00-2	0.005 *Minimum Criteria* *PQL*	0.002 *Minimum Criteria* *Carcinogen*	0.00014 *62-302* *annual avg; 3.0 max*	0.00014 *62-302* *annual avg; 3.0 max*	0.00014 *62-302* *annual avg; 1.3 max*	0.00014 *62-302* *annual avg; 1.3 max*
Ally [or Metsulfuron, methyl]	74223-64-6	NA	1800 *Minimum Criteria* *Systemic Toxicant*		*NA*		*NA*
Allyl alcohol	107-18-6	250 *Minimum Criteria* *PQL*	35 *Minimum Criteria* *Systemic Toxicant*	5 *Toxicity Criteria*	5 *Toxicity Criteria*	5 *Toxicity Criteria*	5 *Toxicity Criteria*
Allyl chloride	107-05-1	35 *Minimum Criteria* *Systemic Toxicant*	35** *Minimum Criteria* *Systemic Toxicant*	*NA*	*NA*	*NA*	*NA*
Aluminum	7429-90-5	200 *Secondary Standard* *Systemic Toxicant*	200 *Secondary Standard* *Organoleptic*	13 *Toxicity Criteria*	13 *Toxicity Criteria*	13 *Toxicity Criteria*	1500 *62-302*
Aluminum phosphide	20859-73-8	50 *Minimum Criteria* *PQL*	2.8 *Minimum Criteria* *Systemic Toxicant*	6.5 *Toxicity Criteria*	6.5 *Toxicity Criteria*	6.5 *Toxicity Criteria*	6.5 *Toxicity Criteria*
Ametryn	834-12-8	63 *Minimum Criteria* *Systemic Toxicant*	63 *Minimum Criteria* *Systemic Toxicant*	6.2 *Toxicity Criteria*	6.2 *Toxicity Criteria*	6.2 *Toxicity Criteria*	6.2 *Toxicity Criteria*
Ammonia	7664-41-7	2800 *Minimum Criteria* *Systemic Toxicant*	2800 *Minimum Criteria* *Systemic Toxicant*	20 *62-302*	20 *62-302*	20 *NA*	*NA*
Ammonium sulfamate	7773-06-0	1400 *Minimum Criteria* *Systemic Toxicant*	1400 *Minimum Criteria* *Systemic Toxicant*	10150 *Toxicity Criteria*	10000 *Toxicity Criteria*	10150 *Toxicity Criteria*	10000 *Toxicity Criteria*
Anilazine [or Dyrene]	101-05-3	NA	2.8 *Minimum Criteria* *Systemic Toxicant*		*NA*		*NA*
Aniline	62-53-3	6.1 *Minimum Criteria* *Carcinogen*	6.1 *Minimum Criteria* *Carcinogen*	4 *Toxicity Criteria*	4 *Toxicity Criteria*	4 *Toxicity Criteria*	4 *Toxicity Criteria*
Anthracene	120-12-7	2100 *Minimum Criteria* *Systemic Toxicant*	2100 *Minimum Criteria* *Systemic Toxicant*	0.3 *Toxicity Criteria*	0.3 *Toxicity Criteria*	0.3 *Toxicity Criteria*	0.3 *Toxicity Criteria*
Antimony	7440-36-0	6 *Primary Standard* *Systemic Toxicant*	6 *Primary Standard* *Systemic Toxicant*	4300 *62-302*	4300 *62-302*	4300 *62-302*	4300 *62-302*
Aramite	140-57-8	10 *Minimum Criteria* *PQL*	1.4 *Minimum Criteria* *Carcinogen*	3 *Toxicity Criteria*	3 *Toxicity Criteria*	3 *Toxicity Criteria*	3 *Toxicity Criteria*
Aroclor mixture [see PCBs]		NA					

Comparison of Chapter 62-777, F.A.C. - May 26 1999 Values vs. April 17, 2005 Values

Groundwater and Surface Water Cleanup Target Levels

Contaminants	CAS #s	Groundwater Criteria (ug/L)		Freshwater Surface Water Criteria (ug/L)		Marine Surface Water Criteria (ug/L)	
		1999	2005	1999	2005	1999	2005
Arsenic	NOCAS	50 *Primary Standard* *Carcinogen*	10 *Primary Standard* *Carcinogen*	50 *62-302*	50 *62-302*	50 *62-302*	50 *62-302*
Atrazine	1912-24-9	3 *Primary Standard* *Carcinogen*	3 *Primary Standard* *Carcinogen*	1.8 *Human Health*	1.9 *Human Health*	1.8 *Human Health*	1.9 *Human Health*
Azinphos, methyl [see Guthion]		NA					
Azobenzene	103-33-3	4 *Minimum Criteria* *PQL*	0.3 *Minimum Criteria* *Carcinogen*	0.559 *Human Health*	3.6 *Human Health*	0.559 *Human Health*	3.6 *Human Health*
Barium (soluble salts)	7440-39-3	NA	2000 *Primary Standard* *Systemic Toxicant*		*NA*		*NA*
Baygon [or Propoxur]	114-26-1	NA	28 *Minimum Criteria* *Systemic Toxicant*		0.4 *Toxicity Criteria*		0.4 *Toxicity Criteria*
Bayleton	43121-43-3	210 *Minimum Criteria* *Systemic Toxicant*	210 *Minimum Criteria* *Systemic Toxicant*	500 *Toxicity Criteria*	500 *Toxicity Criteria*	500 *Toxicity Criteria*	500 *Toxicity Criteria*
Benomyl	17804-35-2	35 *Minimum Criteria* *Systemic Toxicant*	35** *Minimum Criteria* *Systemic Toxicant*	0.3 *Toxicity Criteria*	0.3 *Toxicity Criteria*	0.3 *Toxicity Criteria*	0.3 *Toxicity Criteria*
Bensulide	741-58-2	46.2 *Minimum Criteria* *Systemic Toxicant*	46 *Minimum Criteria* *Systemic Toxicant*	*NA*	*NA*	*NA*	*NA*
Bentazon	25057-89-0	210 *Minimum Criteria* *Systemic Toxicant*	210 *Minimum Criteria* *Systemic Toxicant*	*NA*	*NA*	*NA*	*NA*
Benzaldehyde	100-52-7	700 *Minimum Criteria* *Systemic Toxicant*	700 *Minimum Criteria* *Systemic Toxicant*	53.5 *Toxicity Criteria*	54 *Toxicity Criteria*	53.5 *Toxicity Criteria*	54 *Toxicity Criteria*
Benzene	71-43-2	1 *Primary Standard* *Carcinogen*	1 *Primary Standard* *Carcinogen*	71.28 *62-302* *annual average*	71.28 *62-302* *annual average*	71.28 *62-302* *annual average*	71.28 *62-302* *annual average*
Benzenethiol	108-98-5	20 *Minimum Criteria* *PQL*	0.07 *Minimum Criteria* *Systemic Toxicant*	*NA*	*NA*	*NA*	*NA*
Benzidine	92-87-5	400 *Minimum Criteria* *PQL*	0.0002 *Minimum Criteria* *Carcinogen*	*NA*	0.0002 *Human Health*	*NA*	0.0002 *Human Health*
Benzo(a)anthracene	56-55-3	0.2 *Minimum Criteria* *PQL*	0.05 *Minimum Criteria* *Carcinogen*	0.031 *62-302* *annual average*	* *62-302* *annual average*	0.031 *62-302* *annual average*	* *62-302* *annual average*

DISCLAIMER - For matters affecting legal rights or for the official version of cleanup target levels for Chapter 62-777, F.A.C., please refer to the F.A.W. published version of Chapter 62-777, F.A.C.

Comparison of Chapter 62-777, F.A.C. - May 26 1999 Values vs. April 17, 2005 Values

Groundwater and Surface Water Cleanup Target Levels

Contaminants	CAS #s	Groundwater Criteria (ug/L)		Freshwater Surface Water Criteria (ug/L)		Marine Surface Water Criteria (ug/L)	
		1999	2005	1999	2005	1999	2005
Benzo(a)pyrene	50-32-8	0.2 *Primary Standard Carcinogen*	0.2 *Primary Standard Carcinogen*	0.031 *62-302 annual average*	* *62-302 annual average*	0.031 *62-302 annual average*	* *62-302 annual average*
Benzo(b)fluoranthene	205-99-2	0.2 *Minimum Criteria PQL*	0.05 *Minimum Criteria Carcinogen*	0.031 *62-302 annual average*	* *62-302 annual average*	0.031 *62-302 annual average*	* *62-302 annual average*
Benzo(g,h,i)perylene	191-24-2	210 *Minimum Criteria Systemic Toxicant*	210 *Minimum Criteria Systemic Toxicant*	0.031 *62-302 annual average*	* *62-302 annual average*	0.031 *62-302 annual average*	* *62-302 annual average*
Benzo(k)fluoranthene	207-08-9	0.5 *Minimum Criteria Carcinogen*	0.5 *Minimum Criteria Carcinogen*	0.031 *62-302 annual average*	* *62-302 annual average*	0.031 *62-302 annual average*	* *62-302 annual average*
Benzoic acid	65-85-0	28000 *Minimum Criteria Systemic Toxicant*	28000 *Minimum Criteria Systemic Toxicant*	9000 *Toxicity Criteria*	9000 *Toxicity Criteria*	9000 *Toxicity Criteria*	9000 *Toxicity Criteria*
Benzotrichloride	98-07-7	0.06 *Minimum Criteria PQL*	0.003 *Minimum Criteria Carcinogen*	0.0029 *Human Health*	0.002 *Human Health*	0.0029 *Human Health*	0.002 *Human Health*
Benzyl alcohol	100-51-6	2100 *Minimum Criteria Systemic Toxicant*	2100 *Minimum Criteria Systemic Toxicant*	500 *Toxicity Criteria*	500 *Toxicity Criteria*	500 *Toxicity Criteria*	500 *Toxicity Criteria*
Benzyl chloride	100-44-7	0.5 *Minimum Criteria PQL*	0.2 *Minimum Criteria Carcinogen*	2.95 *Human Health*	2 *Human Health*	2.95 *Human Health*	2 *Human Health*
Beryllium	7440-41-7	4 *Primary Standard Carcinogen*	4 *Primary Standard Carcinogen*	0.13 *62-302 annual average*	0.13 *62-302 annual average*	0.13 *62-302 annual average*	0.13 *62-302 annual average*
Beta radiation	NOCAS	4 *Primary Standard Carcinogen*	4 *Primary Standard Carcinogen*	*NA*	*NA*	*NA*	*NA*
BHC, alpha- [see Hexachlorocyclohexane, alpha-]		NA					
BHC, beta- [see Hexachlorocyclohexane, beta-]		NA					
BHC, delta- [see Hexachlorocyclohexane, delta-]		NA					
BHC, gamma- [see Hexachlorocyclohexane, gamma-]		NA					
BHC, technical [see Hexachlorocyclohexane, technical]		NA					

Groundwater and Surface Water Cleanup Target Levels

Contaminants	CAS #s	Groundwater Criteria (ug/L)		Freshwater Surface Water Criteria (ug/L)		Marine Surface Water Criteria (ug/L)	
		1999	2005	1999	2005	1999	2005
Bidrin [or Dicrotophos]	141-66-2	NA	0.7 *Minimum Criteria* *Systemic Toxicant*		22 *Toxicity Criteria*		22 *Toxicity Criteria*
Bioallethrin	28057-48-9	35 *Minimum Criteria* *Systemic Toxicant*	35 *Minimum Criteria* *Systemic Toxicant*	*NA*	*NA*	*NA*	*NA*
Biphenyl, 1,1- [or Diphenyl]	92-52-4	NA	0.5 *Minimum Criteria* *Organoleptic*		18 *Toxicity Criteria*		18 *Toxicity Criteria*
Bis(2-chloro-1-metylethyl)ether [see Bis(2-chloroisopropyl)ether]		NA					
Bis(2-chloroethyl)ether	111-44-4	4 *Minimum Criteria* *PQL*	0.03 *Minimum Criteria* *Carcinogen*	9.99 *Human Health*	0.5 *Human Health*	9.99 *Human Health*	0.5 *Human Health*
Bis(2-chloroisopropyl)ether [or Bis(2-chloro-1-metylethyl)ether]	39638-32-9	NA	0.5 *Minimum Criteria* *Carcinogen*		23 *Human Health*		23 *Human Health*
Bis(2-ethylhexyl)adipate	103-23-1	400 *Primary Standard* *Carcinogen*	400 *Primary Standard* *Carcinogen*	33 *Toxicity Criteria*	33 *Toxicity Criteria*	33 *Toxicity Criteria*	33 *Toxicity Criteria*
Bis(2-ethylhexyl)phthalate [or DEHP]	117-81-7	NA	6 *Primary Standard* *Carcinogen*		2.2 *Human Health*		2.2 *Human Health*
Bisphenol A	80-05-7	350 *Minimum Criteria* *Systemic Toxicant*	350 *Minimum Criteria* *Systemic Toxicant*	55 *Toxicity Criteria*	55 *Toxicity Criteria*	55 *Toxicity Criteria*	55 *Toxicity Criteria*
Blazer [see Acifluorfen, sodium]		NA					
Boron	7440-42-8	630 *Minimum Criteria* *Health Advisory Level*	1400 *Minimum Criteria* *Systemic Toxicant*	*NA*	*NA*	*NA*	*NA*
Bravo [see Chlorothalonil]		NA					
Bromacil	314-40-9	91 *Minimum Criteria* *Health Advisory Level*	70** *Minimum Criteria* *Systemic Toxicant*	97 *Toxicity Criteria*	97 *Toxicity Criteria*	97 *Toxicity Criteria*	97 *Toxicity Criteria*
Bromate	15541-45-4	NA	0.05 *Minimum Criteria* *Carcinogen*		*NA*		100000 *62-302*
Bromochloromethane	74-97-5	91 *Minimum Criteria* *Systemic Toxicant*	91 *Minimum Criteria* *Systemic Toxicant*	*NA*	*NA*	*NA*	*NA*

DISCLAIMER - For matters affecting legal rights or for the official version of cleanup target levels for Chapter 62-777, F.A.C., please refer to the F.A.W. published version of Chapter 62-777, F.A.C.

Groundwater and Surface Water Cleanup Target Levels

Contaminants	CAS #s	Groundwater Criteria (ug/L)		Freshwater Surface Water Criteria (ug/L)		Marine Surface Water Criteria (ug/L)	
		1999	2005	1999	2005	1999	2005
Bromodichloromethane	75-27-4	0.6 *Minimum Criteria Carcinogen*	0.6 *Minimum Criteria Carcinogen*	22 *62-302 annual average*	22 *62-302 annual average*	22 *62-302 annual average*	22 *62-302 annual average*
Bromoform	75-25-2	4.4 *Minimum Criteria Carcinogen*	4.4 *Minimum Criteria Carcinogen*	360 *62-302 annual average*	360 *62-302 annual average*	360 *62-302 annual average*	360 *62-302 annual average*
Bromomethane [or Methyl bromide]	74-83-9	NA	9.8 *Minimum Criteria Systemic Toxicant*		35 *Toxicity Criteria*		35 *Toxicity Criteria*
Bromoxynil	1689-84-5	140 *Minimum Criteria Systemic Toxicant*	140 *Minimum Criteria Systemic Toxicant*	*NA*	*NA*	*NA*	*NA*
Bromoxynil octanoate	1689-99-2	140 *Minimum Criteria Systemic Toxicant*	140 *Minimum Criteria Systemic Toxicant*	*NA*	*NA*	*NA*	*NA*
Butane	106-97-8	NA	9100 *Minimum Criteria Systemic Toxicant*		*NA*		*NA*
Butanol, n-	71-36-3	NA	700 *Minimum Criteria Systemic Toxicant*		25000 *Toxicity Criteria*		25000 *Toxicity Criteria*
Butanol, tert- [see Butyl alcohol, tert-]		NA					
Butanone, 2- [see Methyl ethyl ketone]		NA					
Butyl acetate, n-	123-86-4	43 *Minimum Criteria Organoleptic*	43 *Minimum Criteria Organoleptic*	1000 *Toxicity Criteria*	1000 *Toxicity Criteria*	1000 *Toxicity Criteria*	1000 *Toxicity Criteria*
Butyl alcohol, tert- [or Butanol, tert-]	75-65-0	NA	1400 *Minimum Criteria Systemic Toxicant*		*NA*		*NA*
Butyl benzyl phthalate	85-68-7	NA	140** *Minimum Criteria Systemic Toxicant*		26 *Toxicity Criteria*		26 *Toxicity Criteria*
Butylate	2008-41-5	350 *Minimum Criteria Systemic Toxicant*	350 *Minimum Criteria Systemic Toxicant*	10.5 *Toxicity Criteria*	11 *Toxicity Criteria*	10.5 *Toxicity Criteria*	11 *Toxicity Criteria*
Butylphthalyl butylglycolate	85-70-1	7000 *Minimum Criteria Systemic Toxicant*	7000 *Minimum Criteria Systemic Toxicant*	*NA*	*NA*	*NA*	*NA*
Cadmium	7440-43-9	5 *Primary Standard Carcinogen*	5 *Primary Standard Carcinogen*	*a*	*62-302 f, g*	*62-302*	9.3 *62-302 g*

Comparison of Chapter 62-777, F.A.C. - May 26 1999 Values vs. April 17, 2005 Values

Groundwater and Surface Water Cleanup Target Levels

Contaminants	CAS #s	Groundwater Criteria (ug/L)		Freshwater Surface Water Criteria (ug/L)		Marine Surface Water Criteria (ug/L)	
		1999	2005	1999	2005	1999	2005
Calcium cyanide	592-01-8	280 *Minimum Criteria* *Systemic Toxicant*	280 *Minimum Criteria* *Systemic Toxicant*	*NA*	*NA*	*NA*	*NA*
Captafol	2425-06-1	100 *Minimum Criteria* *PQL*	4.1 *Minimum Criteria* *Carcinogen*	0.85 *Toxicity Criteria*	0.9 *Toxicity Criteria*	0.85 *Toxicity Criteria*	0.9 *Toxicity Criteria*
Captan	133-06-2	250 *Minimum Criteria* *PQL*	10 *Minimum Criteria* *Carcinogen*	1.9 *Toxicity Criteria*	1.9 *Toxicity Criteria*	1.9 *Toxicity Criteria*	1.9 *Toxicity Criteria*
Carbaryl [or Sevin]	63-25-2	700 *Minimum Criteria* *Systemic Toxicant*	700 *Minimum Criteria* *Systemic Toxicant*	0.06 *Toxicity Criteria*	0.06 *Toxicity Criteria*	0.06 *Toxicity Criteria*	0.06 *Toxicity Criteria*
Carbazole	86-74-8	4 *Minimum Criteria* *PQL*	1.8 *Minimum Criteria* *Carcinogen*	46.5 *Toxicity Criteria*	47 *Toxicity Criteria*	46.5 *Toxicity Criteria*	47 *Toxicity Criteria*
Carbofuran	1563-66-2	40 *Primary Standard* *Systemic Toxicant*	40 *Primary Standard* *Systemic Toxicant*	0.1 *Toxicity Criteria*	0.1 *Toxicity Criteria*	0.1 *Toxicity Criteria*	0.1 *Toxicity Criteria*
Carbon disulfide	75-15-0	700 *Minimum Criteria* *Systemic Toxicant*	700 *Minimum Criteria* *Systemic Toxicant*	105 *Toxicity Criteria*	110 *Toxicity Criteria*	105 *Toxicity Criteria*	110 *Toxicity Criteria*
Carbon tetrachloride	56-23-5	3 *Primary Standard* *Carcinogen*	3 *Primary Standard* *Carcinogen*	4.42 *62-302* *annual average*	4.42 *62-302* *annual average*	4.42 *62-302* *annual average*	4.42 *62-302* *annual average*
Carbophenothion [or Trithion]	786-19-6	NA	0.9 *Minimum Criteria* *Systemic Toxicant*		0.1 *Toxicity Criteria*		0.1 *Toxicity Criteria*
Carboxin	5234-68-4	700 *Minimum Criteria* *Systemic Toxicant*	700 *Minimum Criteria* *Systemic Toxicant*	60 *Toxicity Criteria*	60 *Toxicity Criteria*	60 *Toxicity Criteria*	60 *Toxicity Criteria*
CFC 113 [see Trichloro-1,2,2-trifluoroethane, 1,1,2-]		NA					
Chloral hydrate	302-17-0	NA	70** *Minimum Criteria* *Systemic Toxicant*		*NA*		*NA*
Chloramben	133-90-4	105 *Minimum Criteria* *Systemic Toxicant*	110 *Minimum Criteria* *Systemic Toxicant*	*NA*	*NA*	*NA*	*NA*
Chlordane (total)		NA	2 *Primary Standard* *Carcinogen*		0.00059 *62-302* *annual avg; 0.0043 max*		0.00059 *62-302* *annual avg; 0.0043 max*
Chloride	16887-00-6	250000 *Secondary Standard* *Organoleptic*	250000 *Secondary Standard* *Organoleptic*	*62-302*	*NA*	*62-302* *b*	*62-302* *e*

Comparison of Chapter 62-777, F.A.C. - May 26 1999 Values vs. April 17, 2005 Values

Groundwater and Surface Water Cleanup Target Levels

Contaminants	CAS #s	Groundwater Criteria (ug/L)		Freshwater Surface Water Criteria (ug/L)		Marine Surface Water Criteria (ug/L)	
		1999	2005	1999	2005	1999	2005
Chlorine	7782-50-5	700 *Minimum Criteria* *Systemic Toxicant*	700 *Minimum Criteria* *Systemic Toxicant*	10 *62-302*	10 *62-302*	10 *62-302*	10 *62-302*
Chlorine cyanide [or Cyanogen chloride]	506-77-4	350 *Minimum Criteria* *Systemic Toxicant*	350 *Minimum Criteria* *Systemic Toxicant*	1.45 *Toxicity Criteria*	1.4 *Toxicity Criteria*	1.45 *Toxicity Criteria*	1.4 *Toxicity Criteria*
Chlorite (sodium salt) [or Sodium chlorite]	7758-19-2	NA	210 *Minimum Criteria* *Systemic Toxicant*		29 *Toxicity Criteria*		29 *Toxicity Criteria*
Chloro-1,3-butadiene [or Chloroprene]	126-99-8	NA	140 *Minimum Criteria* *Systemic Toxicant*		*NA*		*NA*
Chloro-3-methylphenol, 4- [see Chloro-m-cresol, p-]		NA					
Chloroacetic acid	79-11-8	14 *Minimum Criteria* *Systemic Toxicant*	14 *Minimum Criteria* *Systemic Toxicant*	*NA*	2500 *Human Health*	*NA*	2500 *Human Health*
Chloroaniline, p-	106-47-8	NA	28 *Minimum Criteria* *Systemic Toxicant*		2.5 *Toxicity Criteria*		2.5 *Toxicity Criteria*
Chlorobenzene	108-90-7	100 *Primary Standard* *Systemic Toxicant*	100 *Primary Standard* *Systemic Toxicant*	17 *Toxicity Criteria*	17 *Toxicity Criteria*	17 *Toxicity Criteria*	17 *Toxicity Criteria*
Chlorobenzilate	510-15-6	0.1 *Minimum Criteria* *Carcinogen*	0.1 *Minimum Criteria* *Carcinogen*	0.09 *Human Health*	0.02 *Human Health*	0.09 *Human Health*	0.02 *Human Health*
Chloroethane [see Ethyl chloride]		NA					
Chloroform	67-66-3	5.7 *Minimum Criteria* *Carcinogen*	70 *Minimum Criteria* *Systemic Toxicant*	470.8 *62-302* *annual average*	470.8 *62-302* *annual average*	470.8 *62-302* *annual average*	470.8 *62-302* *annual average*
Chloro-m-cresol, p- [or Chloro-3-methylphenol, 4-]	59-50-7	NA	63 *Minimum Criteria* *Systemic Toxicant*		100 *Toxicity Criteria*		100 *Toxicity Criteria*
Chloromethane [see Methyl chloride]		NA					
Chloronaphthalene, beta-	91-58-7	560 *Minimum Criteria* *Systemic Toxicant*	560 *Minimum Criteria* *Systemic Toxicant*	*NA*	1600 *Human Health*	*NA*	1600 *Human Health*
Chloronitrobenzene, p-	100-00-5	250 *Minimum Criteria* *PQL*	1.9 *Minimum Criteria* *Carcinogen*	107 *Toxicity Criteria*	110 *Toxicity Criteria*	107 *Toxicity Criteria*	110 *Toxicity Criteria*

Groundwater and Surface Water Cleanup Target Levels

Contaminants	CAS #s	Groundwater Criteria (ug/L)		Freshwater Surface Water Criteria (ug/L)		Marine Surface Water Criteria (ug/L)	
		1999	2005	1999	2005	1999	2005
Chlorophenol, 2-	95-57-8	35 *Minimum Criteria* *Systemic Toxicant*	35 *Minimum Criteria* *Systemic Toxicant*	130 *Toxicity Criteria*	130 *Toxicity Criteria*	130 *Toxicity Criteria*	130 *Toxicity Criteria*
Chlorophenol, 3-	108-43-0	10 *Minimum Criteria* *Organoleptic (PQL)*	0.1 *Minimum Criteria* *Organoleptic*	173.5 *Toxicity Criteria*	170 *Toxicity Criteria*	173.5 *Toxicity Criteria*	170 *Toxicity Criteria*
Chlorophenol, 4-	106-48-9	5.5 *Minimum Criteria* *Organoleptic (PQL)*	0.1 *Minimum Criteria* *Organoleptic*	175 *Toxicity Criteria*	180 *Toxicity Criteria*	175 *Toxicity Criteria*	180 *Toxicity Criteria*
Chloropicrin	76-06-2	7.3 *Minimum Criteria* *Organoleptic*	7.3 *Minimum Criteria* *Organoleptic*	*NA*	*NA*	*NA*	*NA*
Chloroprene [see Chloro-1,3-butadiene]		NA					
Chlorothalonil [or Bravo]	1897-45-6	NA	3.2 *Minimum Criteria* *Carcinogen*		0.8 *Toxicity Criteria*		0.8 *Toxicity Criteria*
Chlorotoluene, o-	95-49-8	140 *Minimum Criteria* *Systemic Toxicant*	140 *Minimum Criteria* *Systemic Toxicant*	390 *Toxicity Criteria*	390 *Toxicity Criteria*	390 *Toxicity Criteria*	390 *Toxicity Criteria*
Chlorotoluene, p-	106-43-4	140 *Minimum Criteria* *Health Advisory Level*	140 *Minimum Criteria* *Systemic Toxicant*	*NA*	*NA*	*NA*	*NA*
Chlorpropham	101-21-3	1400 *Minimum Criteria* *Systemic Toxicant*	1400 *Minimum Criteria* *Systemic Toxicant*	190 *Toxicity Criteria*	190 *Toxicity Criteria*	190 *Toxicity Criteria*	190 *Toxicity Criteria*
Chlorpyrifos	2921-88-2	21 *Minimum Criteria* *Systemic Toxicant*	21 *Minimum Criteria* *Systemic Toxicant*	0.002 *Toxicity Criteria*	0.002 *Toxicity Criteria*	0.002 *Toxicity Criteria*	0.002 *Toxicity Criteria*
Chlorpyrifos, methyl	5598-13-0	70 *Minimum Criteria* *Systemic Toxicant*	70 *Minimum Criteria* *Systemic Toxicant*	0.035 *Toxicity Criteria*	0.04 *Toxicity Criteria*	0.035 *Toxicity Criteria*	0.04 *Toxicity Criteria*
Chlorsulfuron	64902-72-3	350 *Minimum Criteria* *Systemic Toxicant*	350 *Minimum Criteria* *Systemic Toxicant*	16 *Toxicity Criteria*	16 *Toxicity Criteria*	16 *Toxicity Criteria*	16 *Toxicity Criteria*
Chromium (hexavalent)	18540-29-9	100 *Primary Standard* *Carcinogen*		11 *62-302*	11 *62-302* *g*	11 *62-302*	50 *62-302* *g*
Chromium (total)	NOCAS	100 *Primary Standard*	100 *Primary Standard* *Systemic Toxicant*	*NA*	*h*	*NA*	*h*
Chromium (trivalent)	16065-83-1	100 *Primary Standard* *Systemic Toxicant*		*Numerical* *a*	*62-302* *f, g*	*Toxicity Criteria*	520 *Toxicity Criteria* *g*

Groundwater and Surface Water Cleanup Target Levels

Contaminants	CAS #s	Groundwater Criteria (ug/L)		Freshwater Surface Water Criteria (ug/L)		Marine Surface Water Criteria (ug/L)	
		1999	2005	1999	2005	1999	2005
Chrysene	218-01-9	4.8 *Minimum Criteria* *Carcinogen*	4.8 *Minimum Criteria* *Carcinogen*	0.031 *62-302* *annual average*	* *62-302* *annual average*	0.031 *62-302* *annual average*	* *62-302* *annual average*
Cobalt	7440-48-4	420 *Minimum Criteria* *Systemic Toxicant*	140 *Minimum Criteria* *Systemic Toxicant*	*NA*	*NA*	*NA*	*NA*
Copper	7440-50-8	1000 *Secondary Standard* *Systemic Toxicant*	1000 *Secondary Standard* *Organoleptic & GI irritant*	*a*	*62-302* *f, g*	*62-302*	2.9 *62-302* *g*
Copper cyanide	544-92-3	35 *Minimum Criteria* *Systemic Toxicant*	35 *Minimum Criteria* *Systemic Toxicant*	*NA*	*NA*	*NA*	*NA*
Coumaphos	56-72-4	1.8 *Minimum Criteria* *Systemic Toxicant*	1.8 *Minimum Criteria* *Systemic Toxicant*	0.004 *Toxicity Criteria*	0.004 *Toxicity Criteria*	0.004 *Toxicity Criteria*	0.004 *Toxicity Criteria*
Cresol, m- [see Methylphenol, 3-]		NA					
Cresol, o- [see Methylphenol, 2-]		NA					
Cresol, p- [see Methylphenol, 4-]		NA					
Crotonaldehyde	123-73-9	4000 *Minimum Criteria* *Carcinogen*	0.02 *Minimum Criteria* *Carcinogen*	*NA*	*NA*	*NA*	*NA*
Cumene [or Isopropyl benzene]	98-82-8	NA	0.8 *Minimum Criteria* *Organoleptic*		260 *Toxicity Criteria*		260 *Toxicity Criteria*
Cyanazine	21725-46-2	0.1 *Minimum Criteria* *PQL*	0.04 *Minimum Criteria* *Carcinogen*	5.5 *Toxicity Criteria*	5.5 *Toxicity Criteria*	5.5 *Toxicity Criteria*	5.5 *Toxicity Criteria*
Cyanide, free	57-12-5	NA	200 *Primary Standard* *Systemic Toxicant*		5.2 *62-302*		1 *62-302*
Cyanogen	460-19-5	10000 *Minimum Criteria* *PQL*	280 *Minimum Criteria* *Systemic Toxicant*	*NA*	*NA*	*NA*	*NA*
Cyanogen chloride [see Chlorine cyanide]		NA					
Cycloate	1134-23-2	35 *Minimum Criteria* *Systemic Toxicant*	35 *Minimum Criteria* *Systemic Toxicant*	130 *Toxicity Criteria*	130 *Toxicity Criteria*	130 *Toxicity Criteria*	130 *Toxicity Criteria*

DISCLAIMER - For matters affecting legal rights or for the official version of cleanup target levels for Chapter 62-777, F.A.C., please refer to the F.A.W. published version of Chapter 62-777, F.A.C.

Groundwater and Surface Water Cleanup Target Levels

Contaminants	CAS #s	Groundwater Criteria (ug/L)		Freshwater Surface Water Criteria (ug/L)		Marine Surface Water Criteria (ug/L)	
		1999	2005	1999	2005	1999	2005
Cyclohexanone	108-94-1	35000 *Minimum Criteria Systemic Toxicant*	35000 *Minimum Criteria Systemic Toxicant*	26350 *Toxicity Criteria*	26000 *Toxicity Criteria*	26350 *Toxicity Criteria*	26000 *Toxicity Criteria*
Cyclohexylamine	108-91-8	5000 *Minimum Criteria PQL*	1400 *Minimum Criteria Systemic Toxicant*	4000 *Toxicity Criteria*	4000 *Toxicity Criteria*	4000 *Toxicity Criteria*	4000 *Toxicity Criteria*
Cyhalothrin [or Karate]	68085-85-8	NA	35 *Minimum Criteria Systemic Toxicant*		18 *Human Health*		18 *Human Health*
Cypermethrin	52315-07-8	7 *Minimum Criteria Systemic Toxicant*	7** *Minimum Criteria Systemic Toxicant*	0.0005 *Toxicity Criteria*	0.0005 *Toxicity Criteria*	0.0005 *Toxicity Criteria*	0.0005 *Toxicity Criteria*
Dacthal [or DCPA]	1861-32-1	NA	70 *Minimum Criteria Systemic Toxicant*		310 *Toxicity Criteria*		310 *Toxicity Criteria*
Dalapon	75-99-0	200 *Primary Standard Systemic Toxicant*	200 *Primary Standard Systemic Toxicant*	5000 *Toxicity Criteria*	5000 *Toxicity Criteria*	5000 *Toxicity Criteria*	5000 *Toxicity Criteria*
DB, 2,4- [see Dichlorophenoxy butyric acid, 2,4-]		NA					
DBCP, 1,2- [see Dibromo-3-chloropropane, 1,2-]		NA					
DCPA [see Dacthal]		NA					
DDD, 4,4'- [see Dichlorodiphenyldichloroethane, p,p']		NA					
DDE, 4,4'- [see Dichlorodiphenyldichloroethylene,		NA					
DDT, 4,4'- [see Dichlorodiphenyltrichloroethane, p,p'-		NA					
Decabromodiphenyl ether	1163-19-5	7 *Minimum Criteria Systemic Toxicant*	7** *Minimum Criteria Systemic Toxicant*	*NA*	*NA*	*NA*	*NA*
DEET	134-62-3	6300 *Minimum Criteria Systemic Toxicant*	6300 *Minimum Criteria Systemic Toxicant*	*NA*	*NA*	*NA*	*NA*
DEHP [see Bis(2-ethylhexyl)phthalate]		NA					

Groundwater and Surface Water Cleanup Target Levels

Contaminants	CAS #s	Groundwater Criteria (ug/L)		Freshwater Surface Water Criteria (ug/L)		Marine Surface Water Criteria (ug/L)	
		1999	2005	1999	2005	1999	2005
Demeton	8065-48-3	0.3 *Minimum Criteria* *Systemic Toxicant*	0.3 *Minimum Criteria* *Systemic Toxicant*	0.1 *62-302*	0.1 *62-302*	0.1 *62-302*	0.1 *62-302*
Diallate	2303-16-4	0.6 *Minimum Criteria* *Carcinogen*	0.6 *Minimum Criteria* *Carcinogen*	*NA*	*NA*	*NA*	*NA*
Diazinon	333-41-5	0.63 *Minimum Criteria* *Systemic Toxicant*	6.3 *Minimum Criteria* *Systemic Toxicant*	0.002 *Toxicity Criteria*	0.002 *Toxicity Criteria*	0.002 *Toxicity Criteria*	0.002 *Toxicity Criteria*
Dibenz(a,h)anthracene	53-70-3	0.2 *Minimum Criteria* *PQL*	0.005 *Minimum Criteria* *Carcinogen*	0.031 *62-302* *annual average*	* *62-302* *annual average*	0.031 *62-302* *annual average*	* *62-302* *annual average*
Dibenzofuran	132-64-9	28 *Minimum Criteria* *Systemic Toxicant*	28 *Minimum Criteria* *Systemic Toxicant*	67 *Toxicity Criteria*	67 *Toxicity Criteria*	67 *Toxicity Criteria*	67 *Toxicity Criteria*
Dibromo-3-chloropropane, 1,2- [or DBCP, 1,2-]	96-12-8	NA	0.2 *Primary Standard* *Carcinogen*		*NA*		*NA*
Dibromobenzene, 1,4-	106-37-6	70 *Minimum Criteria* *Systemic Toxicant*	70 *Minimum Criteria* *Systemic Toxicant*	590 *Human Health*	240 *Human Health*	590 *Human Health*	240 *Human Health*
Dibromochloromethane	124-48-1	0.4 *Minimum Criteria* *Carcinogen*	0.4 *Minimum Criteria* *Carcinogen*	34 *62-302* *annual average*	34 *62-302* *annual average*	34 *62-302* *annual average*	34 *62-302* *annual average*
Dibromoethane, 1,2- [or EDB]	106-93-4	NA	0.02 *Primary Standard* *Carcinogen*		13 *Toxicity Criteria*		13 *Toxicity Criteria*
Dibutyl phthalate	84-74-2	700 *Minimum Criteria* *Systemic Toxicant*	700 *Minimum Criteria* *Systemic Toxicant*	*NA*	23 *Toxicity Criteria*	*NA*	23 *Toxicity Criteria*
Dicamba	1918-00-9	210 *Minimum Criteria* *Systemic Toxicant*	210 *Minimum Criteria* *Systemic Toxicant*	195 *Toxicity Criteria*	200 *Toxicity Criteria*	195 *Toxicity Criteria*	200 *Toxicity Criteria*
Dichloroacetic acid	79-43-6	28 *Minimum Criteria* *Health Advisory Level*	0.7 *Minimum Criteria* *Carcinogen*	1150 *Toxicity Criteria*	1200 *Toxicity Criteria*	1150 *Toxicity Criteria*	1200 *Toxicity Criteria*
Dichloroacetonitrile	3018-12-0	5.6 *Minimum Criteria* *Health Advisory Level*	5.6** *Minimum Criteria* *Systemic Toxicant*	*NA*	*NA*	*NA*	*NA*
Dichlorobenzene, 1,2-	95-50-1	600 *Primary Standard* *Systemic Toxicant*	600 *Primary Standard* *Systemic Toxicant*	99 *Toxicity Criteria*	99 *Toxicity Criteria*	99 *Toxicity Criteria*	99 *Toxicity Criteria*
Dichlorobenzene, 1,3-	541-73-1	10 *Minimum Criteria* *Organoleptic (PQL)*	210 *Minimum Criteria* *Systemic Toxicant*	85 *Toxicity Criteria*	85 *Toxicity Criteria*	85 *Toxicity Criteria*	85 *Toxicity Criteria*

DISCLAIMER - For matters affecting legal rights or for the official version of cleanup target levels for Chapter 62-777, F.A.C., please refer to the F.A.W. published version of Chapter 62-777, F.A.C.

Comparison of Chapter 62-777, F.A.C. - May 26 1999 Values vs. April 17, 2005 Values

Groundwater and Surface Water Cleanup Target Levels

Contaminants	CAS #s	Groundwater Criteria (ug/L)		Freshwater Surface Water Criteria (ug/L)		Marine Surface Water Criteria (ug/L)	
		1999	2005	1999	2005	1999	2005
Dichlorobenzene, 1,4-	106-46-7	75 *Primary Standard Carcinogen*	75 *Primary Standard Carcinogen*	100 *Toxicity Criteria*	3 *Human Health*	100 *Toxicity Criteria*	3 *Human Health*
Dichlorobenzidine, 3,3'-	91-94-1	12 *Minimum Criteria PQL*	0.08 *Minimum Criteria Carcinogen*	0.06 *Human Health*	0.03 *Human Health*	0.06 *Human Health*	0.03 *Human Health*
Dichlorobenzophenone, 4,4'-	90-98-2	NA	210 *Minimum Criteria Systemic Toxicant*		1600 *Human Health*		1600 *Human Health*
Dichlorodifluoromethane	75-71-8	1400 *Minimum Criteria Systemic Toxicant*	1400 *Minimum Criteria Systemic Toxicant*	*NA*	*NA*	*NA*	*NA*
Dichlorodiphenyldichloroethane, p,p'- [or DDD, 4,4'-]	72-54-8	NA	0.1 *Minimum Criteria Carcinogen*		0.0003 *Human Health*		0.0003 *Human Health*
Dichlorodiphenyldichloroethylene, p,p'- [or DDE, 4,4'-]	72-55-9	NA	0.1 *Minimum Criteria Carcinogen*		0.0002 *Human Health*		0.0002 *Human Health*
Dichlorodiphenyltrichloroethane, p,p'- [or DDT, 4,4'-]	50-29-3	NA	0.1 *Minimum Criteria Carcinogen*		0.00059 *62-302 annual avg; 0.001 max*		0.00059 *62-302 annual avg; 0.001 max*
Dichloroethane, 1,1-	75-34-3	70 *Minimum Criteria Systemic Toxicant*	70** *Minimum Criteria Systemic Toxicant*	*NA*	*NA*	*NA*	*NA*
Dichloroethane, 1,2- [or EDC]	107-06-2	NA	3 *Primary Standard Carcinogen*		37 *Human Health*		37 *Human Health*
Dichloroethene, 1,1-	75-35-4	7 *Primary Standard Carcinogen*	7** *Primary Standard Carcinogen*	3.2 *62-302 annual average*	3.2 *62-302 annual average*	3.2 *62-302 annual average*	3.2 *62-302 annual average*
Dichloroethene, 1,2- (mixture)	540-59-0	63 *Minimum Criteria Systemic Toxicant*	63 *Minimum Criteria Systemic Toxicant*	7000 *Toxicity Criteria*	7000 *Toxicity Criteria*	7000 *Toxicity Criteria*	7000 *Toxicity Criteria*
Dichloroethene, cis-1,2-	156-59-2	70 *Primary Standard Systemic Toxicant*	70 *Primary Standard Systemic Toxicant*	*NA*	*NA*	*NA*	*NA*
Dichloroethene, trans-1,2-	156-60-5	100 *Primary Standard Systemic Toxicant*	100 *Primary Standard Systemic Toxicant*	11000 *Toxicity Criteria*	11000 *Toxicity Criteria*	11000 *Toxicity Criteria*	11000 *Toxicity Criteria*
Dichlorophenol, 2,3-	576-24-9	10 *Minimum Criteria PQL*	0.04 *Minimum Criteria Organoleptic*	56 *Toxicity Criteria*	56 *Toxicity Criteria*	56 *Toxicity Criteria*	56 *Toxicity Criteria*
Dichlorophenol, 2,4-	120-83-2	0.5 *Minimum Criteria PQL*	0.3 *Minimum Criteria Organoleptic*	13 *Toxicity Criteria*	13 *Toxicity Criteria*	13 *Toxicity Criteria*	13 *Toxicity Criteria*

DISCLAIMER - For matters affecting legal rights or for the official version of cleanup target levels for Chapter 62-777, F.A.C., please refer to the F.A.W. published version of Chapter 62-777, F.A.C.

Groundwater and Surface Water Cleanup Target Levels

Contaminants	CAS #s	Groundwater Criteria (ug/L)		Freshwater Surface Water Criteria (ug/L)		Marine Surface Water Criteria (ug/L)	
		1999	2005	1999	2005	1999	2005
Dichlorophenol, 2,5-	583-78-8	10 *Minimum Criteria PQL*	0.5 *Minimum Criteria Organoleptic*	90 *Toxicity Criteria*	90 *Toxicity Criteria*	90 *Toxicity Criteria*	90 *Toxicity Criteria*
Dichlorophenol, 2,6-	87-65-0	4 *Minimum Criteria PQL*	0.2 *Minimum Criteria Organoleptic*	73 *Toxicity Criteria*	73 *Toxicity Criteria*	73 *Toxicity Criteria*	73 *Toxicity Criteria*
Dichlorophenol, 3,4-	95-77-2	0.5 *Minimum Criteria PQL*	0.3 *Minimum Criteria Organoleptic*	61 *Toxicity Criteria*	61 *Toxicity Criteria*	61 *Toxicity Criteria*	61 *Toxicity Criteria*
Dichlorophenoxy acetic acid, 2,4-	94-75-7	70 *Primary Standard Systemic Toxicant*	70 *Primary Standard Systemic Toxicant*	80 *Toxicity Criteria*	80 *Toxicity Criteria*	80 *Toxicity Criteria*	80 *Toxicity Criteria*
Dichlorophenoxy butyric acid, 2,4- [or DB, 2,4-]	94-82-6	NA	56 *Minimum Criteria Systemic Toxicant*		*NA*		*NA*
Dichloropropane, 1,2-	78-87-5	5 *Primary Standard Carcinogen*	5 *Primary Standard Carcinogen*	2600 *Toxicity Criteria*	14 *Human Health*	2600 *Toxicity Criteria*	14 *Human Health*
Dichloropropene, 1,3-	542-75-6	0.2 *Minimum Criteria Carcinogen*	0.4 *Minimum Criteria Carcinogen*	12 *Toxicity Criteria*	12 *Toxicity Criteria*	12 *Toxicity Criteria*	12 *Toxicity Criteria*
Dichlorprop	120-36-5	35 *Minimum Criteria Systemic Toxicant*	35 *Minimum Criteria Systemic Toxicant*	42 *Toxicity Criteria*	42 *Toxicity Criteria*	42 *Toxicity Criteria*	42 *Toxicity Criteria*
Dichlorvos	62-73-7	0.1 *Minimum Criteria Carcinogen*	0.1 *Minimum Criteria Carcinogen*	0.005 *Toxicity Criteria*	0.005 *Toxicity Criteria*	0.005 *Toxicity Criteria*	0.005 *Toxicity Criteria*
Dicofol [or Kelthane]	115-32-2	NA	0.08 *Minimum Criteria Carcinogen*		0.006 *Human Health*		0.006 *Human Health*
Dicrotophos [see Bidrin]		NA					
Dieldrin	60-57-1	0.005 *Minimum Criteria PQL*	0.002 *Minimum Criteria Carcinogen*	0.00014 *62-302 annual avg; 0.0019 max.*	0.00014 *62-302 annual avg; 0.0019 max.*	0.00014 *62-302 annual avg; 0.0019 max.*	0.00014 *62-302 annual avg; 0.0019 max.*
Diethyl phthalate	84-66-2	NA	5600 *Minimum Criteria Systemic Toxicant*		380 *Toxicity Criteria*		380 *Toxicity Criteria*
Diethylene glycol, monoethyl ether	111-90-0	14000 *Minimum Criteria Systemic Toxicant*	14000 *Minimum Criteria Systemic Toxicant*	167000 *Toxicity Criteria*	170000 *Toxicity Criteria*	167000 *Toxicity Criteria*	170000 *Toxicity Criteria*
Diethylstilbestrol	56-53-1	100 *Minimum Criteria PQL*	0.000007 *Minimum Criteria Carcinogen*	*NA*	*NA*	*NA*	*NA*

Groundwater and Surface Water Cleanup Target Levels

Contaminants	CAS #s	Groundwater Criteria (ug/L)		Freshwater Surface Water Criteria (ug/L)		Marine Surface Water Criteria (ug/L)	
		1999	2005	1999	2005	1999	2005
Diisopropyl methylphosphonate	1445-75-6	560 *Minimum Criteria Systemic Toxicant*	560 *Minimum Criteria Systemic Toxicant*	13350 *Toxicity Criteria*	13000 *Toxicity Criteria*	13350 *Toxicity Criteria*	13000 *Toxicity Criteria*
Dimethoate	60-51-5	0.1 *Minimum Criteria Systemic Toxicant*	1.4 *Minimum Criteria Systemic Toxicant*	0.1 *Toxicity Criteria*	0.1 *Toxicity Criteria*	0.1 *Toxicity Criteria*	0.1 *Toxicity Criteria*
Dimethoxybenzidine, 3,3'-	119-90-4	250 *Minimum Criteria PQL*	2.5 *Minimum Criteria Carcinogen*	*NA*	*NA*	*NA*	*NA*
Dimethrin	70-38-2	2100 *Minimum Criteria Health Advisory Level*	2100 *Minimum Criteria Systemic Toxicant*	1.1 *Toxicity Criteria*	1.1 *Toxicity Criteria*	1.1 *Toxicity Criteria*	1.1 *Toxicity Criteria*
Dimethylaniline, 2,4-	95-68-1	0.05 *Minimum Criteria Carcinogen*	0.05 *Minimum Criteria Carcinogen*	1650 *Toxicity Criteria*	1700 *Toxicity Criteria*	1650 *Toxicity Criteria*	1700 *Toxicity Criteria*
Dimethylaniline, N,N-	121-69-7	50 *Minimum Criteria PQL*	14 *Minimum Criteria Systemic Toxicant*	1650 *Toxicity Criteria*	1700 *Toxicity Criteria*	1650 *Toxicity Criteria*	1700 *Toxicity Criteria*
Dimethylbenzidine, 3,3'-	119-93-7	160 *Minimum Criteria PQL*	0.004 *Minimum Criteria Carcinogen*	*NA*	*NA*	*NA*	*NA*
Dimethylformamide, N,N-	68-12-2	700 *Minimum Criteria Systemic Toxicant*	700 *Minimum Criteria Systemic Toxicant*	50000 *Toxicity Criteria*	50000 *Toxicity Criteria*	50000 *Toxicity Criteria*	50000 *Toxicity Criteria*
Dimethylphenol, 2,4-	105-67-9	140 *Minimum Criteria Systemic Toxicant*	140 *Minimum Criteria Systemic Toxicant*	261 *Human Health*	160 *Toxicity Criteria*	261 *Human Health*	160 *Toxicity Criteria*
Dimethylphenol, 2,6-	576-26-1	4.2 *Minimum Criteria Systemic Toxicant*	4.2 *Minimum Criteria Systemic Toxicant*	560 *Toxicity Criteria*	560 *Toxicity Criteria*	560 *Toxicity Criteria*	560 *Toxicity Criteria*
Dimethylphenol, 3,4-	95-65-8	7 *Minimum Criteria Systemic Toxicant*	7 *Minimum Criteria Systemic Toxicant*	436 *Human Health*	380 *Human Health*	436 *Human Health*	380 *Human Health*
Dimethylphthalate	131-11-3	70000 *Minimum Criteria Systemic Toxicant*	70000 *Minimum Criteria Systemic Toxicant*	1450 *Toxicity Criteria*	1400 *Toxicity Criteria*	1450 *Toxicity Criteria*	1400 *Toxicity Criteria*
Dinitrobenzene, 1,2- (o)	528-29-0	200 *Minimum Criteria PQL*	2.8 *Minimum Criteria Systemic Toxicant*	30 *Toxicity Criteria*	30 *Toxicity Criteria*	30 *Toxicity Criteria*	30 *Toxicity Criteria*
Dinitrobenzene, 1,3- (m)	99-65-0	8 *Minimum Criteria PQL*	0.7 *Minimum Criteria Systemic Toxicant*	72 *Toxicity Criteria*	72 *Toxicity Criteria*	72 *Toxicity Criteria*	72 *Toxicity Criteria*
Dinitrobenzene, 1,4- (p)	100-25-4	50 *Minimum Criteria PQL*	2.8 *Minimum Criteria Systemic Toxicant*	30 *Toxicity Criteria*	30 *Toxicity Criteria*	30 *Toxicity Criteria*	30 *Toxicity Criteria*

DISCLAIMER - For matters affecting legal rights or for the official version of cleanup target levels for Chapter 62-777, F.A.C., please refer to the F.A.W. published version of Chapter 62-777, F.A.C.

Groundwater and Surface Water Cleanup Target Levels

Contaminants	CAS #s	Groundwater Criteria (ug/L)		Freshwater Surface Water Criteria (ug/L)		Marine Surface Water Criteria (ug/L)	
		1999	2005	1999	2005	1999	2005
Dinitro-o-cyclohexylphenol	131-89-5	100 *Minimum Criteria* *PQL*	14 *Minimum Criteria* *Systemic Toxicant*	*NA*	*NA*	*NA*	*NA*
Dinitrophenol, 2,4-	51-28-5	14 *Minimum Criteria* *Systemic Toxicant*	14 *Minimum Criteria* *Systemic Toxicant*	3 *Toxicity Criteria*	3 *Toxicity Criteria*	3 *Toxicity Criteria*	3 *Toxicity Criteria*
Dinitrotoluene, 2,4-	121-14-2	0.1 *Minimum Criteria* *PQL*	0.05 *Minimum Criteria* *Carcinogen*	9.1 *62-302* *annual average*	9.1 *62-302* *annual average*	9.1 *62-302* *annual average*	9.1 *62-302* *annual average*
Dinitrotoluene, 2,6-	606-20-2	0.1 *Minimum Criteria* *PQL*	0.05 *Minimum Criteria* *Carcinogen*	4 *Human Health*	0.7 *Human Health*	4 *Human Health*	0.7 *Human Health*
Di-n-octylphthalate	117-84-0	140 *Minimum Criteria* *Systemic Toxicant*	140 *Minimum Criteria* *Systemic Toxicant*	*NA*	*NA*	*NA*	*NA*
Dinoseb	88-85-7	7 *Primary Standard* *Systemic Toxicant*	7 *Primary Standard* *Systemic Toxicant*	5.9 *Toxicity Criteria*	5.9 *Toxicity Criteria*	5.9 *Toxicity Criteria*	5.9 *Toxicity Criteria*
Dioxane, 1,4-	123-91-1	5 *Minimum Criteria* *PQL*	3.2 *Minimum Criteria* *Carcinogen*	245 *Human Health*	120 *Human Health*	245 *Human Health*	120 *Human Health*
Dioxins, as total 2,3,7,8-TCDD equivalents	1746-01-6	NA	0.00003 *Primary Standard* *Carcinogen*		0.000000005 *Human Health*		0.000000005 *Human Health*
Diphenamid	957-51-7	210 *Minimum Criteria* *Systemic Toxicant*	210 *Minimum Criteria* *Systemic Toxicant*	1600 *Toxicity Criteria*	1600 *Toxicity Criteria*	1600 *Toxicity Criteria*	1600 *Toxicity Criteria*
Diphenyl [see Biphenyl, 1,1-]		NA					
Diphenylamine, N,N-	122-39-4	175 *Minimum Criteria* *Systemic Toxicant*	180 *Minimum Criteria* *Systemic Toxicant*	*NA*	*NA*	*NA*	*NA*
Diphenylhydrazine, 1,2-	122-66-7	10 *Minimum Criteria* *PQL*	0.04 *Minimum Criteria* *Carcinogen*	0.38 *Human Health*	0.2 *Human Health*	0.38 *Human Health*	0.2 *Human Health*
Diquat	85-00-7	20 *Primary Standard* *Systemic Toxicant*	20 *Primary Standard* *Systemic Toxicant*	1.5 *Toxicity Criteria*	1.5 *Toxicity Criteria*	1.5 *Toxicity Criteria*	1.5 *Toxicity Criteria*
Disulfoton	298-04-4	0.3 *Minimum Criteria* *Systemic Toxicant*	0.3 *Minimum Criteria* *Systemic Toxicant*	0.3 *Toxicity Criteria*	0.3 *Toxicity Criteria*	0.3 *Toxicity Criteria*	0.3 *Toxicity Criteria*
Diuron	330-54-1	14 *Minimum Criteria* *Systemic Toxicant*	14 *Minimum Criteria* *Systemic Toxicant*	8 *Toxicity Criteria*	8 *Toxicity Criteria*	8 *Toxicity Criteria*	8 *Toxicity Criteria*

DISCLAIMER - For matters affecting legal rights or for the official version of cleanup target levels for Chapter 62-777, F.A.C., please refer to the F.A.W. published version of Chapter 62-777, F.A.C.

Groundwater and Surface Water Cleanup Target Levels

Contaminants	CAS #s	Groundwater Criteria (ug/L)		Freshwater Surface Water Criteria (ug/L)		Marine Surface Water Criteria (ug/L)	
		1999	2005	1999	2005	1999	2005
Dyrene [see Anilazine]		NA					
EDB [see Dibromoethane, 1,2-]		NA					
EDC [see Dichloroethane, 1,2-]		NA					
Endosulfan (alpha+beta+sulfate)	115-29-7	NA	42 *Minimum Criteria* *Systemic Toxicant*		0.056 *62-302*		0.0087 *62-302*
Endothall	145-73-3	100 *Primary Standard* *Systemic Toxicant*	100 *Primary Standard* *Systemic Toxicant*	105 *Toxicity Criteria*	110 *Toxicity Criteria*	105 *Toxicity Criteria*	110 *Toxicity Criteria*
Endrin	72-20-8	2 *Primary Standard* *Systemic Toxicant*	2 *Primary Standard* *Systemic Toxicant*	0.0023 *62-302*	0.0023 *62-302*	0.0023 *62-302*	0.0023 *62-302*
EPEG [see Ethylphthalyl ethylglycolate]		NA					
Epichlorohydrin	106-89-8	3.5 *Minimum Criteria* *Carcinogen*	3.5 *Minimum Criteria* *Carcinogen*	272 *Human Health*	130 *Human Health*	272 *Human Health*	130 *Human Health*
EPN [see Ethyl p-nitrophenyl phenylphosphorothioate]		NA					
EPTC [see Ethyl dipropylthiocarbamate, S-]		NA					
Ethanol	64-17-5	NA	10000 *Minimum Criteria* *Organoleptic*	*NA*	*NA*	*NA*	*NA*
Ethion	563-12-2	3.5 *Minimum Criteria* *Systemic Toxicant*	3.5 *Minimum Criteria* *Systemic Toxicant*	0.007 *Toxicity Criteria*	0.007 *Toxicity Criteria*	0.007 *Toxicity Criteria*	0.007 *Toxicity Criteria*
Ethoprop	13194-48-4	0.7 *Minimum Criteria* *Systemic Toxicant*	0.7 *Minimum Criteria* *Systemic Toxicant*	0.315 *Toxicity Criteria*	0.3 *Toxicity Criteria*	0.315 *Toxicity Criteria*	0.3 *Toxicity Criteria*
Ethoxyethanol acetate, 2-	111-15-9	2100 *Minimum Criteria* *Systemic Toxicant*	2100 *Minimum Criteria* *Systemic Toxicant*	2000 *Toxicity Criteria*	2000 *Toxicity Criteria*	2000 *Toxicity Criteria*	2000 *Toxicity Criteria*
Ethoxyethanol, 2-	110-80-5	25000 *Minimum Criteria* *PQL*	2800 *Minimum Criteria* *Systemic Toxicant*	*NA*	*NA*	*NA*	*NA*

Groundwater and Surface Water Cleanup Target Levels

Contaminants	CAS #s	Groundwater Criteria (ug/L)		Freshwater Surface Water Criteria (ug/L)		Marine Surface Water Criteria (ug/L)	
		1999	2005	1999	2005	1999	2005
Ethyl acetate	141-78-6	6300 *Minimum Criteria Systemic Toxicant*	6300 *Minimum Criteria Systemic Toxicant*	6250 *Toxicity Criteria*	6300 *Toxicity Criteria*	6250 *Toxicity Criteria*	6300 *Toxicity Criteria*
Ethyl acrylate	140-88-5	5000 *Minimum Criteria PQL*	0.4 *Minimum Criteria Organoleptic*	125 *Toxicity Criteria*	130 *Toxicity Criteria*	125 *Toxicity Criteria*	130 *Toxicity Criteria*
Ethyl chloride [or Chloroethane]	75-00-3	NA	12 *Minimum Criteria Carcinogen*		*NA*		*NA*
Ethyl dipropylthiocarbamate, S- [or EPTC]	759-94-4	NA	180 *Minimum Criteria Systemic Toxicant*		240 *Toxicity Criteria*		240 *Toxicity Criteria*
Ethyl ether	60-29-7	750 *Minimum Criteria Organoleptic*	750 *Minimum Criteria Organoleptic*	128000 *Toxicity Criteria*	130000 *Toxicity Criteria*	128000 *Toxicity Criteria*	130000 *Toxicity Criteria*
Ethyl methacrylate	97-63-2	630 *Minimum Criteria Systemic Toxicant*	630 *Minimum Criteria Systemic Toxicant*	*NA*	*NA*	*NA*	*NA*
Ethyl p-nitrophenyl phenylphosphorothioate [or EPN]	2104-64-5	NA	0.07 *Minimum Criteria Systemic Toxicant*		0.02 *Toxicity Criteria*		0.02 *Toxicity Criteria*
Ethylbenzene	100-41-4	30 *Secondary Standard Systemic Toxicant*	30 *Secondary Standard Organoleptic*	605 *Toxicity Criteria*	610 *Toxicity Criteria*	605 *Toxicity Criteria*	610 *Toxicity Criteria*
Ethylene diamine	107-15-3	10000 *Minimum Criteria PQL*	140 *Minimum Criteria Systemic Toxicant*	800 *Toxicity Criteria*	800 *Toxicity Criteria*	800 *Toxicity Criteria*	800 *Toxicity Criteria*
Ethylene glycol	107-21-1	14000 *Minimum Criteria Systemic Toxicant*	14000 *Minimum Criteria Systemic Toxicant*	16300 *Toxicity Criteria*	16000 *Toxicity Criteria*	16300 *Toxicity Criteria*	16000 *Toxicity Criteria*
Ethylene oxide	75-21-8	10 *Minimum Criteria PQL*	0.03 *Minimum Criteria Carcinogen*	4200 *Toxicity Criteria*	4200 *Toxicity Criteria*	4200 *Toxicity Criteria*	4200 *Toxicity Criteria*
Ethylene thiourea [or ETU]	96-45-7	NA	0.3 *Minimum Criteria Carcinogen*		1300 *Toxicity Criteria*		1300 *Toxicity Criteria*
Ethylphthalyl ethylglycolate [or EPEG]	84-72-0	NA	21000 *Minimum Criteria Systemic Toxicant*		*NA*		*NA*
ETU [see Ethylene thiourea]		NA					
Famphur	52-85-7	3.5 *Minimum Criteria Systemic Toxicant*	3.5 *Minimum Criteria Systemic Toxicant*	*NA*	*NA*	*NA*	*NA*

Groundwater and Surface Water Cleanup Target Levels

Contaminants	CAS #s	Groundwater Criteria (ug/L)		Freshwater Surface Water Criteria (ug/L)		Marine Surface Water Criteria (ug/L)	
		1999	2005	1999	2005	1999	2005
Fenamiphos	22224-92-6	1.8 *Minimum Criteria* *Systemic Toxicant*	1.8 *Minimum Criteria* *Systemic Toxicant*	0.225 *Toxicity Criteria*	0.2 *Toxicity Criteria*	0.225 *Toxicity Criteria*	0.2 *Toxicity Criteria*
Fensulfothion	115-90-2	1.8 *Minimum Criteria* *Systemic Toxicant*	1.8 *Minimum Criteria* *Systemic Toxicant*	0.5 *Toxicity Criteria*	0.5 *Toxicity Criteria*	0.5 *Toxicity Criteria*	0.5 *Toxicity Criteria*
Fenvalerate [see Pydrin]		NA					
Fluometuron	2164-17-2	91 *Minimum Criteria* *Systemic Toxicant*	91 *Minimum Criteria* *Systemic Toxicant*	190 *Toxicity Criteria*	190 *Toxicity Criteria*	190 *Toxicity Criteria*	190 *Toxicity Criteria*
Fluoranthene	206-44-0	280 *Minimum Criteria* *Systemic Toxicant*	280 *Minimum Criteria* *Systemic Toxicant*	0.3 *Toxicity Criteria*	0.3 *Toxicity Criteria*	0.3 *Toxicity Criteria*	0.3 *Toxicity Criteria*
Fluorene	86-73-7	280 *Minimum Criteria* *Systemic Toxicant*	280 *Minimum Criteria* *Systemic Toxicant*	30 *Toxicity Criteria*	30 *Toxicity Criteria*	30 *Toxicity Criteria*	30 *Toxicity Criteria*
Fluoride	7782-41-4	2000 *Secondary Standard* *Systemic*	2000 *Secondary Standard* *Nuisance*	10000 *62-302*	10000 *62-302*	10000 *62-302*	5000 *62-302*
Fluoridone	59756-60-4	560 *Minimum Criteria* *Systemic Toxicant*	560 *Minimum Criteria* *Systemic Toxicant*	105 *Toxicity Criteria*	110 *Toxicity Criteria*	105 *Toxicity Criteria*	110 *Toxicity Criteria*
Fonofos	944-22-9	14 *Minimum Criteria* *Systemic Toxicant*	14 *Minimum Criteria* *Systemic Toxicant*	0.095 *Toxicity Criteria*	0.1 *Toxicity Criteria*	0.095 *Toxicity Criteria*	0.1 *Toxicity Criteria*
Formaldehyde	50-00-0	600 *Minimum Criteria* *Organoleptic*	600 *Minimum Criteria* *Organoleptic*	105 *Toxicity Criteria*	110 *Toxicity Criteria*	105 *Toxicity Criteria*	110 *Toxicity Criteria*
Formic acid	64-18-6	14000 *Minimum Criteria* *Systemic Toxicant*	14000 *Minimum Criteria* *Systemic Toxicant*	4500 *Toxicity Criteria*	4500 *Toxicity Criteria*	4500 *Toxicity Criteria*	4500 *Toxicity Criteria*
Furan	110-00-9	7 *Minimum Criteria*	7 *Minimum Criteria* *Systemic Toxicant*		*NA*		*NA*
Furfural	98-01-1	250 *Minimum Criteria* *PQL*	21 *Minimum Criteria* *Systemic Toxicant*	650 *Toxicity Criteria*	650 *Toxicity Criteria*	650 *Toxicity Criteria*	650 *Toxicity Criteria*
Glycidaldehyde	765-34-4	2.8 *Minimum Criteria* *Systemic Toxicant*	2.8 *Minimum Criteria* *Systemic Toxicant*	*NA*	*NA*	*NA*	*NA*
Glyphosate [or Roundup]	1071-83-6	NA	700 *Primary Standard* *Systemic Toxicant*		120 *Toxicity Criteria*		120 *Toxicity Criteria*

Groundwater and Surface Water Cleanup Target Levels

Contaminants	CAS #s	Groundwater Criteria (ug/L)		Freshwater Surface Water Criteria (ug/L)		Marine Surface Water Criteria (ug/L)	
		1999	2005	1999	2005	1999	2005
Gross alpha radiation	14127-62-9	15 *Primary Standard* *pCi/L*	15 *Primary Standard* *pCi/L*	15 *62-302* *pCi/L*	15 *62-302* *pCi/L*	15 *62-302* *pCi/L*	15 *62-302* *pCi/L*
Guthion [or Methyl azinphos]	86-50-0	NA	11 *Minimum Criteria* *Systemic Toxicant*		0.01 *62-302*		0.01 *62-302*
Heptachlor	76-44-8	0.4 *Primary Standard* *Carcinogen*	0.4 *Primary Standard* *Carcinogen*	0.0021 *62-302* *annual avg; 0.0038 max.*	0.00021 *62-302* *annual avg; 0.0038 max.*	0.0021 *62-302* *annual avg; 0.0038 max.*	0.00021 *62-302* *annual avg; 0.0036 max.*
Heptachlor epoxide	1024-57-3	0.2 *Primary Standard* *Carcinogen*	0.2 *Primary Standard* *Carcinogen*	0.002 *Toxicity Criteria*	0.00004 *Human Health*	0.002 *Toxicity Criteria*	0.00004 *Human Health*
Hexachloro-1,3-butadiene	87-68-3	0.5 *Minimum Criteria* *Carcinogen*	0.4 *Minimum Criteria* *Carcinogen*	49.7 *62-302* *annual average*	49.7 *62-302* *annual average*	49.7 *62-302* *annual average*	49.7 *62-302* *annual average*
Hexachlorobenzene	118-74-1	1 *Primary Standard* *Carcinogen*	1 *Primary Standard* *Carcinogen*	0.00036 *Human Health*	0.0003 *Human Health*	0.00036 *Human Health*	0.0003 *Human Health*
Hexachlorocyclohexane, alpha- [or BHC, alpha-]	319-84-6	NA	0.006 *Minimum Criteria* *Carcinogen*		0.005 *Human Health*		0.005 *Human Health*
Hexachlorocyclohexane, beta- [BHC, beta-]	319-85-7	NA	0.02 *Minimum Criteria* *Carcinogen*		0.046 *62-302* *annual average*		0.046 *62-302* *annual average*
Hexachlorocyclohexane, delta- [or BHC, delta-]	319-86-8	NA	2.1 *Minimum Criteria* *Systemic Toxicant*		*NA*		*NA*
Hexachlorocyclohexane, gamma- [or Lindane or BHC, gamma-]	58-89-9	NA	0.2 *Primary Standard* *Carcinogen*		0.063 *62-302* *annual avg; 0.08 max.*		0.063 *62-302* *annual avg; 0.16 max.*
Hexachlorocyclohexane, technical [or BHC, technical]	608-73-1	NA	0.02 *Minimum Criteria* *Carcinogen*		0.02 *Toxicity Criteria*		0.02 *Toxicity Criteria*
Hexachlorocyclopentadiene	77-47-4	50 *Primary Standard* *Systemic Toxicant*	50 *Primary Standard* *Systemic Toxicant*	2.95 *Toxicity Criteria*	3 *Toxicity Criteria*	2.95 *Toxicity Criteria*	3 *Toxicity Criteria*
Hexachlorodibenzo-p-dioxin (mixture)	19408-74-3	0.00025 *Minimum Criteria* *PQL*	0.000006 *Minimum Criteria* *Carcinogen*	*NA*	*NA*	*NA*	*NA*
Hexachloroethane	67-72-1	2.5 *Minimum Criteria* *Carcinogen*	2.5 *Minimum Criteria* *Carcinogen*	1.1 *Human Health*	3.3 *Human Health*	1.1 *Human Health*	3.3 *Human Health*
Hexachlorophene	70-30-4	6 *Minimum Criteria* *PQL*	2.1 *Minimum Criteria* *Systemic Toxicant*	1.05 *Toxicity Criteria*	1.1 *Toxicity Criteria*	1.05 *Toxicity Criteria*	1.1 *Toxicity Criteria*

DISCLAIMER - For matters affecting legal rights or for the official version of cleanup target levels for Chapter 62-777, F.A.C., please refer to the F.A.W. published version of Chapter 62-777, F.A.C.

Groundwater and Surface Water Cleanup Target Levels

Contaminants	CAS #s	Groundwater Criteria (ug/L)		Freshwater Surface Water Criteria (ug/L)		Marine Surface Water Criteria (ug/L)	
		1999	2005	1999	2005	1999	2005
Hexahydro-1,3,5-trinitro-1,3,5-triazine [or RDX]	121-82-4	NA	0.3 *Minimum Criteria* *Carcinogen*		180 *Toxicity Criteria*		180 *Toxicity Criteria*
Hexane, n-	110-54-3	10 *Minimum Criteria* *PQL*	6 *Minimum Criteria* *Organoleptic*	3400 *Toxicity Criteria*	3400 *Toxicity Criteria*	3400 *Toxicity Criteria*	3400 *Toxicity Criteria*
Hexanone, 2- [or Methyl butyl ketone]	591-78-6	NA	280 *Minimum Criteria* *Systemic Toxicant*		*NA*		*NA*
Hexazinone	51235-04-2	231 *Minimum Criteria* *Systemic Toxicant*	230 *Minimum Criteria* *Systemic Toxicant*	1020 *Human Health*	25000 *Human Health*	1020 *Human Health*	25000 *Human Health*
HMX [see Octahydro-1,3,5,7-tetranitro-tetrazocine]		NA					
Hydrogen cyanide (as Cyanide)	74-90-8	140 *Minimum Criteria* *Systemic Toxicant*	140 *Minimum Criteria* *Systemic Toxicant*	3.45 *Toxicity Criteria*	3.5 *Toxicity Criteria*	3.45 *Toxicity Criteria*	3.5 *Toxicity Criteria*
Hydrogen sulfide	7783-06-4	NA	21 *Minimum Criteria* *Systemic Toxicant*		0.1 *Toxicity Criteria*		0.1 *Toxicity Criteria*
Hydroquinone	123-31-9	280 *Minimum Criteria* *Systemic Toxicant*	280 *Minimum Criteria* *Systemic Toxicant*	4.5 *Toxicity Criteria*	4.5 *Toxicity Criteria*	4.5 *Toxicity Criteria*	4.5 *Toxicity Criteria*
Indeno(1,2,3-cd)pyrene	193-39-5	0.2 *Minimum Criteria* *PQL*	0.05 *Minimum Criteria* *Carcinogen*	0.031 *62-302* *annual average*	* *62-302* *annual average*	0.031 *62-302* *annual average*	* *62-302* *annual average*
Iprodione	36734-19-7	280 *Minimum Criteria* *Systemic Toxicant*	280 *Minimum Criteria* *Systemic Toxicant*	153 *Toxicity Criteria*	150 *Toxicity Criteria*	153 *Toxicity Criteria*	150 *Toxicity Criteria*
Iron	7439-89-6	300 *Secondary Standard* *Systemic Toxicant*	300 *Secondary Standard* *Aesthetic*	1000 *62-302*	1000 *62-302*	1000 *62-302*	300 *62-302*
Isobutyl alcohol	78-83-1	2100 *Minimum Criteria* *Systemic Toxicant*	2100 *Minimum Criteria* *Systemic Toxicant*	47450 *Toxicity Criteria*	47000 *Toxicity Criteria*	47450 *Toxicity Criteria*	47000 *Toxicity Criteria*
Isophorone	78-59-1	37 *Minimum Criteria* *Carcinogen*	37 *Minimum Criteria* *Carcinogen*	645 *Toxicity Criteria*	650 *Toxicity Criteria*	645 *Toxicity Criteria*	650 *Toxicity Criteria*
Isopropyl benzene [see Cumene]		NA					
Kelthane [see Dicofol]		NA					

Groundwater and Surface Water Cleanup Target Levels

Contaminants	CAS #s	Groundwater Criteria (ug/L)		Freshwater Surface Water Criteria (ug/L)		Marine Surface Water Criteria (ug/L)	
		1999	2005	1999	2005	1999	2005
Kepone	143-50-0	20 *Minimum Criteria* *PQL*	0.004 *Minimum Criteria* *Carcinogen*	*NA*	*NA*	*NA*	*NA*
Lead	7439-92-1	15 *Primary Standard* *Systemic Toxicant*	15 *Primary Standard* *Systemic Toxicant*	*a*	*62-302* *f, g*	*62-302*	8.5 *62-302* *g*
Limonene	138-86-3	NA	700 *Minimum Criteria* *Systemic Toxicant*		*NA*		*NA*
Lindane [see Hexachlorocyclohexane, gamma-]		NA					
Linuron	330-55-2	1.4 *Minimum Criteria* *Systemic Toxicant*	1.4** *Minimum Criteria* *Systemic Toxicant*	44.5 *Toxicity Criteria*	45 *Toxicity Criteria*	44.5 *Toxicity Criteria*	45 *Toxicity Criteria*
Lithium	7439-93-2	140 *Minimum Criteria* *Systemic Toxicant*	140 *Minimum Criteria* *Systemic Toxicant*	*NA*	*NA*	*NA*	*NA*
Malathion	121-75-5	140 *Minimum Criteria* *Systemic Toxicant*	140 *Minimum Criteria* *Systemic Toxicant*	0.1 *62-302*	0.1 *62-302*	0.1 *62-302*	0.1 *62-302*
Maleic anhydride	108-31-6	NA	700 *Minimum Criteria* *Systemic Toxicant*		*NA*		*NA*
Maleic hydrazide	123-33-1	3500 *Minimum Criteria* *Systemic Toxicant*	3500 *Minimum Criteria* *Systemic Toxicant*	750 *Toxicity Criteria*	750 *Toxicity Criteria*	750 *Toxicity Criteria*	750 *Toxicity Criteria*
Mancozeb	8018-01-7	210 *Minimum Criteria* *Systemic Toxicant*	210 *Minimum Criteria* *Systemic Toxicant*	3.5 *Toxicity Criteria*	3.5 *Toxicity Criteria*	3.5 *Toxicity Criteria*	3.5 *Toxicity Criteria*
Maneb	12427-38-2	75 *Minimum Criteria* *PQL*	35 *Minimum Criteria* *Systemic Toxicant*	5.5 *Toxicity Criteria*	5.5 *Toxicity Criteria*	5.5 *Toxicity Criteria*	5.5 *Toxicity Criteria*
Manganese	7439-96-5	50 *Secondary Standard* *Systemic Toxicant*	50 *Secondary Standard* *Aesthetic*	*NA*	*NA*	*NA*	*NA*
MCPA [see Methyl-4-chlorophenoxy acetic acid, 2-]		NA					
MCPP [see Propionic acid, 2-(2-methyl-4-chlorophenoxy)]		NA					
Mercuric chloride (as Mercury)	7487-94-7	0.2 *Minimum Criteria* *Systemic Toxicant*	0.2** *Minimum Criteria* *Systemic Toxicant*	0.05 *Toxicity Criteria*	0.05 *Toxicity Criteria*	0.05 *Toxicity Criteria*	0.05 *Toxicity Criteria*

DISCLAIMER - For matters affecting legal rights or for the official version of cleanup target levels for Chapter 62-777, F.A.C., please refer to the F.A.W. published version of Chapter 62-777, F.A.C.

Groundwater and Surface Water Cleanup Target Levels

Contaminants	CAS #s	Groundwater Criteria (ug/L)		Freshwater Surface Water Criteria (ug/L)		Marine Surface Water Criteria (ug/L)	
		1999	2005	1999	2005	1999	2005
Mercury	7439-97-6	2 *Primary Standard* *Systemic Toxicant*	2 *Primary Standard* *Systemic Toxicant*	0.012 *62-302*	0.012 *62-302*	0.012 *62-302*	0.025 *62-302*
Mercury, methyl- [see Methylmercury]		NA					
Merphos	150-50-5	0.2 *Minimum Criteria* *Systemic Toxicant*	0.2 *Minimum Criteria* *Systemic Toxicant*	*NA*	*NA*	*NA*	*NA*
Merphos oxide	78-48-8	0.2 *Minimum Criteria* *Systemic Toxicant*	0.2 *Minimum Criteria* *Systemic Toxicant*	0.23 *Toxicity Criteria*	0.2 *Toxicity Criteria*	0.23 *Toxicity Criteria*	0.2 *Toxicity Criteria*
Metalaxyl	57837-19-1	420 *Minimum Criteria* *Systemic Toxicant*	420 *Minimum Criteria* *Systemic Toxicant*	36.5 *Toxicity Criteria*	37 *Toxicity Criteria*	36.5 *Toxicity Criteria*	37 *Toxicity Criteria*
Methacrylonitrile	126-98-7	5 *Minimum Criteria* *PQL*	0.7 *Minimum Criteria* *Systemic Toxicant*	*NA*	*NA*	*NA*	*NA*
Methamidophos	10265-92-6	5 *Minimum Criteria* *PQL*	0.4 *Minimum Criteria* *Systemic Toxicant*	0.000011 *Toxicity Criteria*	0.00001 *Toxicity Criteria*	0.000011 *Toxicity Criteria*	0.00001 *Toxicity Criteria*
Methanol	67-56-1	5000 *Minimum Criteria* *PQL*	3500 *Minimum Criteria* *Systemic Toxicant*	45037 *Toxicity Criteria*	45000 *Toxicity Criteria*	45037 *Toxicity Criteria*	45000 *Toxicity Criteria*
Methidathion	950-37-8	0.7 *Minimum Criteria* *Systemic Toxicant*	0.7** *Minimum Criteria* *Systemic Toxicant*	0.03 *Toxicity Criteria*	0.03 *Toxicity Criteria*	0.03 *Toxicity Criteria*	0.03 *Toxicity Criteria*
Methomyl	16752-77-5	175 *Minimum Criteria* *Systemic Toxicant*	180 *Minimum Criteria* *Systemic Toxicant*	0.95 *Toxicity Criteria*	1 *Toxicity Criteria*	0.95 *Toxicity Criteria*	1 *Toxicity Criteria*
Methoxy-5-nitroaniline, 2-	99-59-2	50 *Minimum Criteria* *PQL*	0.8 *Minimum Criteria* *Carcinogen*	*NA*	*NA*	*NA*	*NA*
Methoxychlor	72-43-5	40 *Primary Standard* *Systemic Toxicant*	40 *Primary Standard* *Systemic Toxicant*	0.03 *62-302*	0.03 *62-302*	0.03 *62-302*	0.03 *62-302*
Methoxyethanol, 2-	109-86-4	100000 *Minimum Criteria* *PQL*	7 *Minimum Criteria* *Systemic Toxicant*	*NA*	*NA*	*NA*	*NA*
Methyl acetate	79-20-9	5000 *Minimum Criteria* *PQL*	3000 *Minimum Criteria* *Organoleptic*	*NA*	*NA*	*NA*	*NA*
Methyl acrylate	96-33-3	210 *Minimum Criteria* *Systemic Toxicant*	210 *Minimum Criteria* *Systemic Toxicant*	*NA*	*NA*	*NA*	*NA*

DISCLAIMER - For matters affecting legal rights or for the official version of cleanup target levels for Chapter 62-777, F.A.C., please refer to the F.A.W. published version of Chapter 62-777, F.A.C.

Groundwater and Surface Water Cleanup Target Levels

Contaminants	CAS #s	Groundwater Criteria (ug/L)		Freshwater Surface Water Criteria (ug/L)		Marine Surface Water Criteria (ug/L)	
		1999	2005	1999	2005	1999	2005
Methyl azinphos [see Guthion]		NA					
Methyl bromide [see Bromomethane]		NA					
Methyl butyl ketone [see Hexanone, 2-]		NA					
Methyl chloride [or Chloromethane]	74-87-3	NA	2.7 *Minimum Criteria Carcinogen*		470.8 *62-302 annual average*		470.8 *62-302 annual average*
Methyl chloroform [see Trichloroethane, 1,1,1-]		NA					
Methyl ethyl ketone [or Butanone, 2-]	78-93-3	NA	4200 *Minimum Criteria Systemic Toxicant*		120000 *Toxicity Criteria*		120000 *Toxicity Criteria*
Methyl isobutyl ketone [or MIBK]	108-10-1	NA	560 *Minimum Criteria Systemic Toxicant*		23000 *Toxicity Criteria*		23000 *Toxicity Criteria*
Methyl methacrylate	80-62-6	25 *Minimum Criteria Organoleptic*	25 *Minimum Criteria Organoleptic*	6500 *Toxicity Criteria*	6500 *Toxicity Criteria*	6500 *Toxicity Criteria*	6500 *Toxicity Criteria*
Methyl parathion [or Parathion, methyl]	298-00-0	NA	1.8 *Minimum Criteria Systemic Toxicant*		0.01 *Toxicity Criteria*		0.01 *Toxicity Criteria*
Methyl tert-butyl ether [or MTBE]	1634-04-4	NA	20 *Minimum Criteria Organoleptic*		34000 *Toxicity Criteria*		34000 *Toxicity Criteria*
Methyl-4-chlorophenoxy acetic acid, 2- [or MCPA]	94-74-6	NA	3.5 *Minimum Criteria Systemic Toxicant*		72 *Toxicity Criteria*		72 *Toxicity Criteria*
Methyl-5-nitroaniline, 2-	99-55-8	10 *Minimum Criteria PQL*	1.1 *Minimum Criteria Carcinogen*	*NA*	*NA*	*NA*	*NA*
Methylaniline, 2-	95-53-4	50 *Minimum Criteria PQL*	0.1 *Minimum Criteria Carcinogen*	26 *Toxicity Criteria*	26 *Toxicity Criteria*	26 *Toxicity Criteria*	26 *Toxicity Criteria*
Methylene bis(2-chloroaniline), 4,4-	101-14-4	50 *Minimum Criteria PQL*	0.3 *Minimum Criteria Carcinogen*	*NA*	*NA*	*NA*	*NA*
Methylene bromide	74-95-3	70 *Minimum Criteria Systemic Toxicant*	70 *Minimum Criteria Systemic Toxicant*	*NA*	*NA*	*NA*	*NA*

Groundwater and Surface Water Cleanup Target Levels

Contaminants	CAS #s	Groundwater Criteria (ug/L)		Freshwater Surface Water Criteria (ug/L)		Marine Surface Water Criteria (ug/L)	
		1999	2005	1999	2005	1999	2005
Methylene chloride	75-09-2	5 *Primary Standard Carcinogen*	5 *Primary Standard Carcinogen*	1580 *62-302 annual average*	1580 *62-302 annual average*	1580 *62-302 annual average*	1580 *62-302 annual average*
Methylmercury [or Mercury, methyl]	22967-92-6	NA	0.07** *Minimum Criteria Systemic Toxicant*		*NA*		*NA*
Methylnaphthalene, 1-	90-12-0	20 *Minimum Criteria Organoleptic*	28 *Minimum Criteria Systemic Toxicant*	95 *Toxicity Criteria*	95 *Toxicity Criteria*	95 *Toxicity Criteria*	95 *Toxicity Criteria*
Methylnaphthalene, 2-	91-57-6	20 *Minimum Criteria Organoleptic*	28 *Minimum Criteria Systemic Toxicant*	30 *Toxicity Criteria*	30 *Toxicity Criteria*	30 *Toxicity Criteria*	30 *Toxicity Criteria*
Methylphenol, 2- [or Cresol, o-]	95-48-7	NA	35** *Minimum Criteria Systemic Toxicant*		250 *Toxicity Criteria*		250 *Toxicity Criteria*
Methylphenol, 3- [or Cresol, m-]	108-39-4	NA	35** *Minimum Criteria Systemic Toxicant*		450 *Toxicity Criteria*		450 *Toxicity Criteria*
Methylphenol, 4- [or Cresol, p-]	106-44-5	NA	3.5** *Minimum Criteria Systemic Toxicant*		70 *Toxicity Criteria*		70 *Toxicity Criteria*
Metolachlor	51218-45-2	105 *Minimum Criteria Systemic Toxicant*	110** *Minimum Criteria Systemic Toxicant*	1.08 *Toxicity Criteria*	1.1 *Toxicity Criteria*	1.08 *Toxicity Criteria*	1.1 *Toxicity Criteria*
Metribuzin	21087-64-9	175 *Minimum Criteria Systemic Toxicant*	180 *Minimum Criteria Systemic Toxicant*	64 *Toxicity Criteria*	64 *Toxicity Criteria*	64 *Toxicity Criteria*	64 *Toxicity Criteria*
Metsulfuron, methyl [see Ally]		NA					
Mevinphos	7786-34-7	1.8 *Minimum Criteria Systemic Toxicant*	1.8 *Minimum Criteria Systemic Toxicant*	0.0475 *Toxicity Criteria*	0.05 *Toxicity Criteria*	0.0475 *Toxicity Criteria*	0.05 *Toxicity Criteria*
MIBK [see Methyl isobutyl ketone]		NA					
Mirex	2385-85-5	1.4 *Minimum Criteria Systemic Toxicant*	1.4 *Minimum Criteria Systemic Toxicant*	0.001 *62-302*	0.001 *62-302*	0.001 *62-302*	0.001 *62-302*
Molinate	2212-67-1	14 *Minimum Criteria Systemic Toxicant*	14 *Minimum Criteria Systemic Toxicant*	17 *Toxicity Criteria*	17 *Toxicity Criteria*	17 *Toxicity Criteria*	17 *Toxicity Criteria*
Molybdenum	7439-98-7	35 *Minimum Criteria Systemic Toxicant*	35 *Minimum Criteria Systemic Toxicant*	*NA*	*NA*	*NA*	*NA*

Groundwater and Surface Water Cleanup Target Levels

Contaminants	CAS #s	Groundwater Criteria (ug/L)		Freshwater Surface Water Criteria (ug/L)		Marine Surface Water Criteria (ug/L)	
		1999	2005	1999	2005	1999	2005
MTBE [see Methyl tert-butyl ether]		NA					
Naled	300-76-5	14 *Minimum Criteria* *Systemic Toxicant*	14 *Minimum Criteria* *Systemic Toxicant*	0.018 *Toxicity Criteria*	0.02 *Toxicity Criteria*	0.018 *Toxicity Criteria*	0.02 *Toxicity Criteria*
Naphthalene	91-20-3	20 *Minimum Criteria* *Organoleptic*	14** *Minimum Criteria* *Systemic Toxicant*	26 *Toxicity Criteria*	26 *Toxicity Criteria*	26 *Toxicity Criteria*	26 *Toxicity Criteria*
Naphthylamine, 2-	91-59-8	10 *Minimum Criteria* *PQL*	0.0003 *Minimum Criteria* *Carcinogen*	*NA*	*NA*	*NA*	*NA*
Napropamide	15299-99-7	700 *Minimum Criteria* *Systemic Toxicant*	700 *Minimum Criteria* *Systemic Toxicant*	210 *Toxicity Criteria*	210 *Toxicity Criteria*	210 *Toxicity Criteria*	210 *Toxicity Criteria*
Nickel	7440-02-0	100 *Primary Standard* *Systemic Toxicant*	100 *Primary Standard* *Systemic Toxicant*	*a*	*62-302* *f, g*	*62-302*	8.3 *62-302* *g*
Nickel subsulfide	12035-72-2	100 *Primary Standard* *Carcinogen*	100 *Primary Standard* *Carcinogen*	*a*	*62-302* *f, g*	*62-302*	8.3 *62-302* *g*
Nitrate	14797-55-8	10000 *Primary Standard* *Systemic Toxicant*	10000 *Primary Standard* *Systemic Toxicant*	*62-302* *b*	*NA*	*62-302* *b*	*NA*
Nitrate+Nitrite	NOCAS	10000 *Primary Standard* *Systemic Toxicant*	10000 *Primary Standard* *Systemic Toxicant*	*62-302* *b*	*NA*	*62-302* *b*	*NA*
Nitrite	14797-65-0	1000 *Primary Standard* *Systemic Toxicant*	1000 *Primary Standard* *Systemic Toxicant*	*62-302* *b*	*NA*	*62-302* *b*	*NA*
Nitroaniline, m-	99-09-2	50 *Minimum Criteria* *PQL*	1.7 *Minimum Criteria* *Carcinogen*	*NA*	*NA*	*NA*	*NA*
Nitroaniline, o-	88-74-4	50 *Minimum Criteria* *PQL*	21 *Minimum Criteria* *Systemic Toxicant*	*NA*	*NA*	*NA*	*NA*
Nitroaniline, p-	100-01-6	21 *Minimum Criteria* *Systemic Toxicant*	1.7 *Minimum Criteria* *Carcinogen*	1200 *Toxicity Criteria*	1200 *Toxicity Criteria*	1200 *Toxicity Criteria*	1200 *Toxicity Criteria*
Nitrobenzene	98-95-3	4 *Minimum Criteria* *PQL*	3.5 *Minimum Criteria* *Systemic Toxicant*	90 *Toxicity Criteria*	90 *Toxicity Criteria*	90 *Toxicity Criteria*	90 *Toxicity Criteria*
Nitrophenol, 4-	100-02-7	56 *Minimum Criteria* *Systemic Toxicant*	56 *Minimum Criteria* *Systemic Toxicant*	55 *Toxicity Criteria*	55 *Toxicity Criteria*	55 *Toxicity Criteria*	55 *Toxicity Criteria*

DISCLAIMER - For matters affecting legal rights or for the official version of cleanup target levels for Chapter 62-777, F.A.C., please refer to the F.A.W. published version of Chapter 62-777, F.A.C.

Comparison of Chapter 62-777, F.A.C. - May 26 1999 Values vs. April 17, 2005 Values

Groundwater and Surface Water Cleanup Target Levels

Contaminants	CAS #s	Groundwater Criteria (ug/L)		Freshwater Surface Water Criteria (ug/L)		Marine Surface Water Criteria (ug/L)	
		1999	2005	1999	2005	1999	2005
Nitroso-di-ethylamine, N-	55-18-5	4 *Minimum Criteria PQL*	0.0002 *Minimum Criteria Carcinogen*	0.18 *Human Health*	0.008 *Human Health*	0.18 *Human Health*	0.008 *Human Health*
Nitroso-dimethylamine, N-	62-75-9	2 *Minimum Criteria PQL*	0.0007 *Minimum Criteria Carcinogen*	0.53 *Human Health*	3 *Human Health*	0.53 *Human Health*	3 *Human Health*
Nitroso-di-n-butylamine, N-	924-16-3	4 *Minimum Criteria PQL*	0.006 *Minimum Criteria Carcinogen*	0.16 *Human Health*	0.04 *Human Health*	0.16 *Human Health*	0.04 *Human Health*
Nitroso-di-n-propylamine, N-	621-64-7	4 *Minimum Criteria PQL*	0.005 *Minimum Criteria Carcinogen*	0.83 *Human Health*	0.5 *Human Health*	0.83 *Human Health*	0.5 *Human Health*
Nitroso-diphenylamine, N-	86-30-6	7.1 *Minimum Criteria Carcinogen*	7.1 *Minimum Criteria Carcinogen*	44 *Human Health*	6 *Human Health*	44 *Human Health*	6 *Human Health*
Nitroso-N-methylethylamine, N-	10595-95-6	8 *Minimum Criteria PQL*	0.002 *Minimum Criteria Carcinogen*	1.22 *Human Health*	0.06 *Human Health*	1.22 *Human Health*	0.06 *Human Health*
Nitrosopyrrolidine, N-	930-55-2	8 *Minimum Criteria PQL*	0.02 *Minimum Criteria Carcinogen*	*NA*	*NA*	*NA*	*NA*
Nitrotoluene, m-	99-08-1	250 *Minimum Criteria PQL*	140 *Minimum Criteria Systemic Toxicant*	375 *Toxicity Criteria*	380 *Toxicity Criteria*	375 *Toxicity Criteria*	380 *Toxicity Criteria*
Nitrotoluene, o-	88-72-2	250 *Minimum Criteria PQL*	70 *Minimum Criteria Systemic Toxicant*	550 *Toxicity Criteria*	550 *Toxicity Criteria*	550 *Toxicity Criteria*	550 *Toxicity Criteria*
Nitrotoluene, p-	99-99-0	250 *Minimum Criteria PQL*	70 *Minimum Criteria Systemic Toxicant*	550 *Toxicity Criteria*	550 *Toxicity Criteria*	550 *Toxicity Criteria*	550 *Toxicity Criteria*
Nonylphenol	25154-52-3	NA	8.4 *Minimum Criteria Systemic Toxicant*		5.9 *Toxicity Criteria*		1.4 *Toxicity Criteria*
Norflurazon	27314-13-2	280 *Minimum Criteria Systemic Toxicant*	280 *Minimum Criteria Systemic Toxicant*	*NA*	*NA*	*NA*	*NA*
Octahydro-1,3,5,7-tetranitro-tetrazocine [or HMX]	2691-41-0	NA	350 *Minimum Criteria Systemic Toxicant*		1300 *Toxicity Criteria*		1300 *Toxicity Criteria*
Octamethylpyrophosphoramide	152-16-9	1000 *Minimum Criteria PQL*	14 *Minimum Criteria Systemic Toxicant*	*NA*	*NA*	*NA*	*NA*
Oryzalin	19044-88-3	350 *Minimum Criteria Systemic Toxicant*	35** *Minimum Criteria Systemic Toxicant*	*NA*	*NA*	*NA*	*NA*

Groundwater and Surface Water Cleanup Target Levels

Contaminants	CAS #s	Groundwater Criteria (ug/L)		Freshwater Surface Water Criteria (ug/L)		Marine Surface Water Criteria (ug/L)	
		1999	2005	1999	2005	1999	2005
Oxadiazon	19666-30-9	35 *Minimum Criteria* *Systemic Toxicant*	35 *Minimum Criteria* *Systemic Toxicant*	44 *Toxicity Criteria*	44 *Toxicity Criteria*	44 *Toxicity Criteria*	44 *Toxicity Criteria*
Oxamyl	23135-22-0	200 *Primary Standard* *Systemic Toxicant*	200 *Primary Standard* *Systemic Toxicant*	8.5 *Toxicity Criteria*	8.5 *Toxicity Criteria*	8.5 *Toxicity Criteria*	8.5 *Toxicity Criteria*
Paraquat	1910-42-5	31.5 *Minimum Criteria* *Systemic Toxicant*	3.2** *Minimum Criteria* *Systemic Toxicant*	47 *Toxicity Criteria*	47 *Toxicity Criteria*	47 *Toxicity Criteria*	47 *Toxicity Criteria*
Parathion	56-38-2	42 *Minimum Criteria* *Systemic Toxicant*	4.2** *Minimum Criteria* *Systemic Toxicant*	0.04 *62-302*	0.04 *62-302*	0.04 *62-302*	0.04 *62-302*
Parathion, methyl [see Methyl parathion]		NA					
PCBs [or Aroclor mixture]	1336-36-3	NA	0.5 *Primary Standard* *Carcinogen*		0.000045 *62-302* *annual avg; 0.014 max*		0.000045 *62-302* *annual avg; 0.03 max*
PCE [see Tetrachloroethene]		NA					
Pebulate	1114-71-2	350 *Minimum Criteria* *Systemic Toxicant*	350 *Minimum Criteria* *Systemic Toxicant*	305 *Toxicity Criteria*	310 *Toxicity Criteria*	305 *Toxicity Criteria*	310 *Toxicity Criteria*
Pendimethalin	40487-42-1	280 *Minimum Criteria* *Systemic Toxicant*	280 *Minimum Criteria* *Systemic Toxicant*	10 *Toxicity Criteria*	10 *Toxicity Criteria*	10 *Toxicity Criteria*	10 *Toxicity Criteria*
Pentachlorobenzene	608-93-5	5.6 *Minimum Criteria* *Systemic Toxicant*	5.6 *Minimum Criteria* *Systemic Toxicant*	1.7 *Human Health*	1.7 *Human Health*	1.7 *Human Health*	1.7 *Human Health*
Pentachloronitrobenzene	82-68-8	0.5 *Minimum Criteria* *PQL*	0.1 *Minimum Criteria* *Carcinogen*	0.04 *Human Health*	0.02 *Human Health*	0.04 *Human Health*	0.02 *Human Health*
Pentachlorophenol	87-86-5	1 *Primary Standard* *Carcinogen*	1 *Primary Standard* *Carcinogen*	8.2 *62-302* *annual avg; 30 max. c*	8.2 *62-302* *annual avg; 30 max.*	8.2 *62-302*	7.9 *62-302*
Perchlorate	7601-90-3	NA	4 *Minimum Criteria* *Systemic Toxicant*		*NA*		*NA*
Permethrin	52645-53-1	350 *Minimum Criteria* *Systemic Toxicant*	350 *Minimum Criteria* *Systemic Toxicant*	0.001 *Toxicity Criteria*	0.001 *Toxicity Criteria*	0.001 *Toxicity Criteria*	0.001 *Toxicity Criteria*
Phenanthrene	85-01-8	210 *Minimum Criteria* *Systemic (a)*	210 *Minimum Criteria* *Systemic Toxicant*	0.031 *62-302* *annual average*	* *62-302* *annual average*	0.031 *62-302* *annual average*	* *62-302* *annual average*

Groundwater and Surface Water Cleanup Target Levels

Contaminants	CAS #s	Groundwater Criteria (ug/L)		Freshwater Surface Water Criteria (ug/L)		Marine Surface Water Criteria (ug/L)	
		1999	2005	1999	2005	1999	2005
Phenmedipham [or Betanal]	13684-63-4	NA	1800 *Minimum Criteria* *Systemic Toxicant*		200 *Toxicity Criteria*		200 *Toxicity Criteria*
Phenol	108-95-2	10 *Minimum Criteria* *Organoleptic*	10 *Minimum Criteria* *Organoleptic*	6.5 *Toxicity Criteria*	6.5 *Toxicity Criteria*	6.5 *Toxicity Criteria*	6.5 *Toxicity Criteria*
Phenylenediamine, m-	108-45-2	42 *Minimum Criteria* *Systemic Toxicant*	42 *Minimum Criteria* *Systemic Toxicant*	*NA*	*NA*	*NA*	*NA*
Phenylenediamine, p-	106-50-3	1330 *Minimum Criteria* *Systemic Toxicant*	1300 *Minimum Criteria* *Systemic Toxicant*	*NA*	*NA*	*NA*	*NA*
Phenylphenol, 2-	90-43-7	18 *Minimum Criteria* *Carcinogen*	18 *Minimum Criteria* *Carcinogen*	35.5 *Toxicity Criteria*	36 *Toxicity Criteria*	35.5 *Toxicity Criteria*	36 *Toxicity Criteria*
Phorate	298-02-2	1.4 *Minimum Criteria* *Systemic Toxicant*	1.4 *Minimum Criteria* *Systemic Toxicant*	0.0055 *Toxicity Criteria*	0.005 *Toxicity Criteria*	0.0055 *Toxicity Criteria*	0.005 *Toxicity Criteria*
Phosmet	732-11-6	140 *Minimum Criteria* *Systemic Toxicant*	140 *Minimum Criteria* *Systemic Toxicant*	0.1 *Toxicity Criteria*	0.1 *Toxicity Criteria*	0.1 *Toxicity Criteria*	0.1 *Toxicity Criteria*
Phosphine	7803-51-2	125 *Minimum Criteria* *PQL*	2.1 *Minimum Criteria* *Systemic Toxicant*	*NA*	*NA*	*NA*	*NA*
Phthalic anhydride	85-44-9	14000 *Minimum Criteria* *Systemic Toxicant*	14000 *Minimum Criteria* *Systemic Toxicant*	*NA*	*NA*	*NA*	*NA*
Picloram	1918-02-1	500 *Primary Standard* *Systemic Toxicant*	500 *Primary Standard* *Systemic Toxicant*	70 *Toxicity Criteria*	70 *Toxicity Criteria*	70 *Toxicity Criteria*	70 *Toxicity Criteria*
Polychlorinated dibenzo-p-dioxins [see Dioxins]		NA					
Polycyclic Aromatic Hydrocarbons (PAHs)		NA			0.031 *62-302* *annual average*		0.031 *62-302* *annual average*
Potassium cyanide	151-50-8	350 *Minimum Criteria* *Systemic Toxicant*	350 *Minimum Criteria* *Systemic Toxicant*	5.5 *Toxicity Criteria*	5.5 *Toxicity Criteria*	5.5 *Toxicity Criteria*	5.5 *Toxicity Criteria*
Profluralin	26399-36-0	42 *Minimum Criteria* *Systemic Toxicant*	42 *Minimum Criteria* *Systemic Toxicant*	*NA*	*NA*	*NA*	*NA*
Prometon	1610-18-0	105 *Minimum Criteria* *Systemic Toxicant*	110 *Minimum Criteria* *Systemic Toxicant*	600 *Toxicity Criteria*	600 *Toxicity Criteria*	600 *Toxicity Criteria*	600 *Toxicity Criteria*

DISCLAIMER - For matters affecting legal rights or for the official version of cleanup target levels for Chapter 62-777, F.A.C., please refer to the F.A.W. published version of Chapter 62-777, F.A.C.

Groundwater and Surface Water Cleanup Target Levels

Contaminants	CAS #s	Groundwater Criteria (ug/L)		Freshwater Surface Water Criteria (ug/L)		Marine Surface Water Criteria (ug/L)	
		1999	2005	1999	2005	1999	2005
Prometryn	7287-19-6	28 *Minimum Criteria Systemic Toxicant*	28 *Minimum Criteria Systemic Toxicant*	21 *Toxicity Criteria*	21 *Toxicity Criteria*	21 *Toxicity Criteria*	21 *Toxicity Criteria*
Pronamide	23950-58-5	53 *Minimum Criteria Systemic Toxicant*	53** *Minimum Criteria Systemic Toxicant*	*NA*	*NA*	*NA*	*NA*
Propachlor	1918-16-7	91 *Minimum Criteria Systemic Toxicant*	91 *Minimum Criteria Systemic Toxicant*	11.5 *Toxicity Criteria*	12 *Toxicity Criteria*	11.5 *Toxicity Criteria*	12 *Toxicity Criteria*
Propanil	709-98-8	35 *Minimum Criteria Systemic Toxicant*	35 *Minimum Criteria Systemic Toxicant*	20 *Toxicity Criteria*	20 *Toxicity Criteria*	20 *Toxicity Criteria*	20 *Toxicity Criteria*
Propargite	2312-35-8	140 *Minimum Criteria Systemic Toxicant*	140 *Minimum Criteria Systemic Toxicant*	1.55 *Toxicity Criteria*	1.6 *Toxicity Criteria*	1.55 *Toxicity Criteria*	1.6 *Toxicity Criteria*
Propazine	139-40-2	14 *Minimum Criteria Systemic Toxicant*	14** *Minimum Criteria Systemic Toxicant*	185 *Toxicity Criteria*	190 *Toxicity Criteria*	185 *Toxicity Criteria*	190 *Toxicity Criteria*
Propham	122-42-9	140 *Minimum Criteria Systemic Toxicant*	140 *Minimum Criteria Systemic Toxicant*	500 *Toxicity Criteria*	500 *Toxicity Criteria*	500 *Toxicity Criteria*	500 *Toxicity Criteria*
Propiconazole	60207-90-1	90 *Minimum Criteria Systemic Toxicant*	91 *Minimum Criteria Systemic Toxicant*	25.5 *Toxicity Criteria*	26 *Toxicity Criteria*	25.5 *Toxicity Criteria*	26 *Toxicity Criteria*
Propionic acid, 2-(2-methyl-4-chlorophenoxy) [or MCPP]	93-65-2	NA	7 *Minimum Criteria Systemic Toxicant*		*NA*		*NA*
Propoxur [see Baygon]		NA					
Propylene glycol	57-55-6	140000 *Minimum Criteria Systemic Toxicant*	140000 *Minimum Criteria Systemic Toxicant*	35500 *Toxicity Criteria*	36000 *Toxicity Criteria*	35500 *Toxicity Criteria*	36000 *Toxicity Criteria*
Propylene glycol monomethyl ether	107-98-2	4900 *Minimum Criteria Systemic Toxicant*	4900 *Minimum Criteria Systemic Toxicant*	*NA*	*NA*	*NA*	*NA*
Propylene oxide	75-56-9	5000 *Minimum Criteria PQL*	0.1 *Minimum Criteria Carcinogen*	*NA*	*NA*	*NA*	*NA*
Pydrin [or Fenvalerate]	51630-58-1	1750 *Minimum Criteria Systemic Toxicant*	180 *Minimum Criteria Systemic Toxicant*	0.00035 *Toxicity Criteria*	0.0004 *Toxicity Criteria*	0.00035 *Toxicity Criteria*	0.0004 *Toxicity Criteria*
Pyrene	129-00-0	210 *Minimum Criteria Systemic Toxicant*	210 *Minimum Criteria Systemic Toxicant*	0.3 *Toxicity Criteria*	0.3 *Toxicity Criteria*	0.3 *Toxicity Criteria*	0.3 *Toxicity Criteria*

DISCLAIMER - For matters affecting legal rights or for the official version of cleanup target levels for Chapter 62-777, F.A.C., please refer to the F.A.W. published version of Chapter 62-777, F.A.C.

Groundwater and Surface Water Cleanup Target Levels

Contaminants	CAS #s	Groundwater Criteria (ug/L)		Freshwater Surface Water Criteria (ug/L)		Marine Surface Water Criteria (ug/L)	
		1999	2005	1999	2005	1999	2005
Pyridine	110-86-1	7 *Minimum Criteria* *PQL*	7 *Minimum Criteria* *Systemic Toxicant*	1300 *Toxicity Criteria*	1300 *Toxicity Criteria*	1300 *Toxicity Criteria*	1300 *Toxicity Criteria*
Quinoline	91-22-5	NA	0.01 *Minimum Criteria* *Carcinogen*		*NA*		*NA*
Radium, 226 and 228 (combined)	7440-14-4	5 *Primary Standard* *pCi/L*	5 *Primary Standard* *pCi/L*	5 *62-302* *pCi/L*	5 *62-302* *pCi/L*	5 *62-302* *pCi/L*	5 *62-302* *pCi/L*
RDX [see Hexahydro-1,3,5-trinitro-1,3,5-triazine]		NA					
Resmethrin	10453-86-8	210 *Minimum Criteria* *Systemic Toxicant*	210 *Minimum Criteria* *Systemic Toxicant*	0.0026 *Toxicity Criteria*	0.003 *Toxicity Criteria*	0.0026 *Toxicity Criteria*	0.003 *Toxicity Criteria*
Ronnel	299-84-3	350 *Minimum Criteria* *Systemic Toxicant*	350 *Minimum Criteria* *Systemic Toxicant*	0.061 *Toxicity Criteria*	0.06 *Toxicity Criteria*	0.061 *Toxicity Criteria*	0.06 *Toxicity Criteria*
Rotenone	83-79-4	28 *Minimum Criteria* *Systemic Toxicant*	28 *Minimum Criteria* *Systemic Toxicant*	0.115 *Toxicity Criteria*	0.1 *Toxicity Criteria*	0.115 *Toxicity Criteria*	0.1 *Toxicity Criteria*
Roundup [see Glyphosate]		NA					
Selenious acid (as Selenium)	7783-00-8	35 *Minimum Criteria* *Systemic Toxicant*	35 *Minimum Criteria* *Systemic Toxicant*	40 *Toxicity Criteria*	40 *Toxicity Criteria*	40 *Toxicity Criteria*	40 *Toxicity Criteria*
Selenium	7782-49-2	50 *Primary Standard* *Systemic Toxicant*	50 *Primary Standard* *Systemic Toxicant*	5 *62-302*	5 *62-302*	5 *62-302*	71 *62-302*
Sevin [see Carbaryl]		NA					
Silver	7440-22-4	100 *Secondary Standard* *Systemic Toxicant*	100 *Secondary Standard* *Aesthetic*	0.07 *62-302*	0.07 *62-302* *g*	0.07 *Toxicity Criteria*	0.4 *Toxicity Criteria* *g*
Silvex [see Trichlorophenoxy propionic acid]		NA					
Simazine	122-34-9	4 *Primary Standard* *Carcinogen*	4 *Primary Standard* *Carcinogen*	5.8 *Human Health*	7.3 *Human Health*	5.8 *Human Health*	7.3 *Human Health*
Sodium	7440-23-5	160000 *Primary Standard*	160000 *Primary Standard* *Systemic Toxicant*	*c*	*NA*	*NA*	*NA*

Groundwater and Surface Water Cleanup Target Levels

Contaminants	CAS #s	Groundwater Criteria (ug/L)		Freshwater Surface Water Criteria (ug/L)		Marine Surface Water Criteria (ug/L)	
		1999	2005	1999	2005	1999	2005
Sodium chlorite [see Chlorite (sodium salt)]		NA					
Sodium cyanide (as Cyanide)	143-33-9	280 *Minimum Criteria Systemic Toxicant*	280 *Minimum Criteria Systemic Toxicant*	3.79 *Toxicity Criteria*	3.8 *Toxicity Criteria*	3.79 *Toxicity Criteria*	3.8 *Toxicity Criteria*
Strontium	7440-24-6	4200 *Minimum Criteria Systemic Toxicant*	4200 *Minimum Criteria Systemic Toxicant*	*NA*	*NA*	*NA*	*NA*
Strychnine	57-24-9	100 *Minimum Criteria PQL*	2.1 *Minimum Criteria Systemic Toxicant*	38 *Toxicity Criteria*	38 *Toxicity Criteria*	38 *Toxicity Criteria*	38 *Toxicity Criteria*
Styrene	100-42-5	100 *Primary Standard Systemic Toxicant*	100 *Primary Standard Systemic Toxicant*	455 *Toxicity Criteria*	460 *Toxicity Criteria*	455 *Toxicity Criteria*	460 *Toxicity Criteria*
Sulfate	14808-79-8	250000 *Secondary Standard*	250000 *Secondary Standard Organoleptic*	*b*	*NA*	*b*	*NA*
TCDD, 2,3,7,8- [see Dioxins, as total 2,3,7,8-TCDD equivalents]		NA					
TCE [see Trichloroethene]		NA					
TCMTB [see Thiocyanomethylthio-benzothiazole, 2-]		NA					
TDS [see Total dissolved solids]		NA					
Tebuthiuron	34014-18-1	490 *Minimum Criteria Systemic Toxicant*	490 *Minimum Criteria Systemic Toxicant*	307 *Toxicity Criteria*	310 *Toxicity Criteria*	307 *Toxicity Criteria*	310 *Toxicity Criteria*
Temephos	3383-96-8	140 *Minimum Criteria Systemic Toxicant*	140 *Minimum Criteria Systemic Toxicant*	0.002 *Toxicity Criteria*	0.002 *Toxicity Criteria*	0.002 *Toxicity Criteria*	0.002 *Toxicity Criteria*
Temik [see Aldicarb]		NA					
Terbacil	5902-51-2	91 *Minimum Criteria Systemic Toxicant*	91 *Minimum Criteria Systemic Toxicant*	2450 *Toxicity Criteria*	2500 *Toxicity Criteria*	2450 *Toxicity Criteria*	2500 *Toxicity Criteria*
Terbufos	13071-79-9	0.2 *Minimum Criteria Systemic Toxicant*	0.2 *Minimum Criteria Systemic Toxicant*	0.01 *Toxicity Criteria*	0.01 *Toxicity Criteria*	0.01 *Toxicity Criteria*	0.01 *Toxicity Criteria*

DISCLAIMER - For matters affecting legal rights or for the official version of cleanup target levels for Chapter 62-777, F.A.C., please refer to the F.A.W. published version of Chapter 62-777, F.A.C.

Groundwater and Surface Water Cleanup Target Levels

Contaminants	CAS #s	Groundwater Criteria (ug/L)		Freshwater Surface Water Criteria (ug/L)		Marine Surface Water Criteria (ug/L)	
		1999	2005	1999	2005	1999	2005
Terbutryn	886-50-0	330 *Minimum Criteria* *PQL*	7 *Minimum Criteria* *Systemic Toxicant*	3.1 *Toxicity Criteria*	3.1 *Toxicity Criteria*	3.1 *Toxicity Criteria*	3.1 *Toxicity Criteria*
Tetrachlorobenzene, 1,2,4,5-	95-94-3	2.1 *Minimum Criteria* *Systemic Toxicant*	2.1 *Minimum Criteria* *Systemic Toxicant*	2.3 *Human Health*	1.6 *Human Health*	2.3 *Human Health*	1.6 *Human Health*
Tetrachloroethane, 1,1,1,2-	630-20-6	1.3 *Minimum Criteria* *Carcinogen*	1.3 *Minimum Criteria* *Carcinogen*	*NA*	*NA*	*NA*	*NA*
Tetrachloroethane, 1,1,2,2-	79-34-5	0.2 *Minimum Criteria* *Carcinogen*	0.2 *Minimum Criteria* *Carcinogen*	10.8 *62-302* *annual average*	10.8 *62-302* *annual average*	10.8 *62-302* *annual average*	10.8 *62-302* *annual average*
Tetrachloroethene [or PCE]	127-18-4	3 *Primary Standard* *Carcinogen*	3 *Primary Standard* *Carcinogen*	8.85 *62-302* *annual average*	8.85 *62-302* *annual average*	8.85 *62-302* *annual average*	8.85 *62-302* *annual average*
Tetrachlorophenol, 2,3,4,6-	58-90-2	210 *Minimum Criteria* *Systemic Toxicant*	210 *Minimum Criteria* *Systemic Toxicant*	4.5 *Toxicity Criteria*	4.5 *Toxicity Criteria*	4.5 *Toxicity Criteria*	4.5 *Toxicity Criteria*
Tetraethyl dithiopyrophosphate	3689-24-5	3.5 *Minimum Criteria* *PQL*	3.5 *Minimum Criteria* *Systemic Toxicant*	0.0115 *Toxicity Criteria*	0.01 *Toxicity Criteria*	0.0115 *Toxicity Criteria*	0.01 *Toxicity Criteria*
Thallium	7440-28-0	2 *Primary Standard* *Systemic Toxicant*	2 *Primary Standard* *Systemic Toxicant*	6.3 *62-302*	6.3 *62-302*	6.3 *62-302*	6.3 *62-302*
Thallium sulfate (as Thallium)	7446-18-6	0.6 *Minimum Criteria* *Systemic Toxicant*	0.6 *Minimum Criteria* *Systemic Toxicant*	26 *Toxicity Criteria*	26 *Toxicity Criteria*	26 *Toxicity Criteria*	26 *Toxicity Criteria*
Thiobencarb	28249-77-6	70 *Minimum Criteria* *Systemic Toxicant*	70 *Minimum Criteria* *Systemic Toxicant*		*NA*		*NA*
Thiocyanomethylthio-benzothiazole, 2- [or TCMTB]	21564-17-0	NA	2.8** *Minimum Criteria* *Systemic Toxicant*		0.4 *Toxicity Criteria*		0.4 *Toxicity Criteria*
Thiram	137-26-8	35 *Minimum Criteria* *Systemic Toxicant*	35 *Minimum Criteria* *Systemic Toxicant*	0.168 *Toxicity Criteria*	0.2 *Toxicity Criteria*	0.168 *Toxicity Criteria*	0.2 *Toxicity Criteria*
Tin	7440-31-5	4200 *Minimum Criteria* *Systemic Toxicant*	4200 *Minimum Criteria* *Systemic Toxicant*	*NA*	*NA*	*NA*	*NA*
Titanium Dioxide	13463-67-7	NA	28000 *Minimum Criteria* *Systemic Toxicant*		*NA*		*NA*
Toluene	108-88-3	40 *Secondary Standard* *Systemic Toxicant*	40 *Secondary Standard* *Organoleptic*	475 *Toxicity Criteria*	480 *Toxicity Criteria*	475 *Toxicity Criteria*	480 *Toxicity Criteria*

DISCLAIMER - For matters affecting legal rights or for the official version of cleanup target levels for Chapter 62-777, F.A.C., please refer to the F.A.W. published version of Chapter 62-777, F.A.C.

Comparison of Chapter 62-777, F.A.C. - May 26 1999 Values vs. April 17, 2005 Values

Groundwater and Surface Water Cleanup Target Levels

Contaminants	CAS #s	Groundwater Criteria (ug/L)		Freshwater Surface Water Criteria (ug/L)		Marine Surface Water Criteria (ug/L)	
		1999	2005	1999	2005	1999	2005
Toluene-2,4-diamine	95-80-7	100 *Minimum Criteria* *PQL*	0.01 *Minimum Criteria* *Carcinogen*	*NA*	*NA*	*NA*	*NA*
Toluidine, p-	106-49-0	150 *Minimum Criteria* *PQL*	0.2 *Minimum Criteria* *Carcinogen*	*NA*	*NA*	*NA*	*NA*
Total dissolved solids [or TDS]	C-010	NA	500000 *Secondary Standard*		*NA*		*NA*
Toxaphene	8001-35-2	3 *Primary Standard* *Carcinogen*	3 *Primary Standard* *Carcinogen*	0.0002 *62-302*	0.0002 *62-302*	0.0002 *62-302*	0.0002 *62-302*
Triallate	2303-17-5	91 *Minimum Criteria* *Systemic Toxicant*	91 *Minimum Criteria* *Systemic Toxicant*	65 *Toxicity Criteria*	65 *Toxicity Criteria*	65 *Toxicity Criteria*	65 *Toxicity Criteria*
Tributyltin oxide	56-35-9	10 *Minimum Criteria* *PQL*	2.1 *Minimum Criteria* *Systemic Toxicant*	0.05 *Toxicity Criteria*	0.05 *Toxicity Criteria*	0.05 *Toxicity Criteria*	0.05 *Toxicity Criteria*
Trichloro-1,2,2-trifluoroethane, 1,1,2- [or CFC 113]	76-13-1	NA	210000 *Minimum Criteria* *Systemic Toxicant*		*NA*		*NA*
Trichloroacetic acid	76-03-9	300 *Minimum Criteria* *Health Advisory Level*	9.1 *Minimum Criteria* *Systemic Toxicant*	100000 *Toxicity Criteria*	100000 *Toxicity Criteria*	100000 *Toxicity Criteria*	100000 *Toxicity Criteria*
Trichlorobenzene, 1,2,3-	87-61-6	70 *Minimum Criteria* *Systemic (c)*	70 *Minimum Criteria* *Systemic Toxicant*	85 *Toxicity Criteria*	85 *Toxicity Criteria*	85 *Toxicity Criteria*	85 *Toxicity Criteria*
Trichlorobenzene, 1,2,4-	120-82-1	70 *Primary Standard* *Systemic Toxicant*	70 *Primary Standard* *Systemic Toxicant*	22.5 *Toxicity Criteria*	23 *Toxicity Criteria*	22.5 *Toxicity Criteria*	23 *Toxicity Criteria*
Trichlorobenzene, 1,3,5-	108-70-3	40 *Minimum Criteria* *Systemic Toxicant*	40 *Minimum Criteria* *Systemic Toxicant*	*NA*	*NA*	*NA*	*NA*
Trichloroethane, 1,1,1- [or Methyl chloroform]	71-55-6	NA	200 *Primary Standard* *Systemic Toxicant*		270 *Toxicity Criteria*		270 *Toxicity Criteria*
Trichloroethane, 1,1,2-	79-00-5	5 *Primary Standard* *Carcinogen*	5 *Primary Standard* *Carcinogen*	28.5 *Human Health*	16 *Human Health*	28.5 *Human Health*	16 *Human Health*
Trichloroethene [or TCE]	79-01-6	NA	3 *Primary Standard* *Carcinogen*		80.7 *62-302* *annual average*		80.7 *62-302* *annual average*
Trichlorofluoromethane	75-69-4	2100 *Minimum Criteria* *Systemic Toxicant*	2100 *Minimum Criteria* *Systemic Toxicant*	*NA*	*NA*	*NA*	*NA*

Groundwater and Surface Water Cleanup Target Levels

Contaminants	CAS #s	Groundwater Criteria (ug/L)		Freshwater Surface Water Criteria (ug/L)		Marine Surface Water Criteria (ug/L)	
		1999	2005	1999	2005	1999	2005
Trichlorophenol, 2,4,5-	95-95-4	4 *Minimum Criteria Organoleptic*	1 *Minimum Criteria Organoleptic*	22.5 *Toxicity Criteria*	23 *Toxicity Criteria*	22.5 *Toxicity Criteria*	23 *Toxicity Criteria*
Trichlorophenol, 2,4,6-	88-06-2	3.2 *Minimum Criteria Carcinogen*	3.2 *Minimum Criteria Carcinogen*	6.5 *62-302 annual average*	6.5 *62-302 annual average*	6.5 *62-302 annual average*	6.5 *62-302 annual average*
Trichlorophenoxy acetic acid, 2,4,5-	93-76-5	70 *Minimum Criteria Systemic Toxicant*	70 *Minimum Criteria Systemic Toxicant*	145 *Toxicity Criteria*	140 *Toxicity Criteria*	145 *Toxicity Criteria*	140 *Toxicity Criteria*
Trichlorophenoxy propionic acid, 2, (2, 4, 5-) [or Silvex]	93-72-1	NA	50 *Primary Standard Systemic Toxicant*		*NA*		*NA*
Trichloropropane, 1,1,2-	598-77-6	35 *Minimum Criteria Systemic Toxicant*	35 *Minimum Criteria Systemic Toxicant*	*NA*	*NA*	*NA*	*NA*
Trichloropropane, 1,2,3-	96-18-4	0.2 *Minimum Criteria PQL*	0.02 *Minimum Criteria Carcinogen*	0.26 *Human Health*	0.2 *Human Health*	0.26 *Human Health*	0.2 *Human Health*
Trichloropropene, 1,2,3-	96-19-5	35 *Minimum Criteria Systemic Toxicant*	35 *Minimum Criteria Systemic Toxicant*	*NA*	*NA*	*NA*	*NA*
Trifluralin	1582-09-8	4.5 *Minimum Criteria Carcinogen*	4.5 *Minimum Criteria Carcinogen*	0.78 *Human Health*	0.2 *Human Health*	0.78 *Human Health*	0.2 *Human Health*
Trimethyl phosphate	512-56-1	50 *Minimum Criteria PQL*	0.9 *Minimum Criteria Carcinogen*	*NA*	*NA*	*NA*	*NA*
Trimethylbenzene, 1,2,3-	526-73-8	10 *Minimum Criteria Organoleptic*	10 *Minimum Criteria Organoleptic*	*NA*	*NA*	*NA*	*NA*
Trimethylbenzene, 1,2,4-	95-63-6	10 *Minimum Criteria Organoleptic*	10 *Minimum Criteria Organoleptic*	217.5 *Toxicity Criteria*	220 *Toxicity Criteria*	217.5 *Toxicity Criteria*	220 *Toxicity Criteria*
Trimethylbenzene, 1,3,5-	108-67-8	10 *Minimum Criteria Organoleptic*	10 *Minimum Criteria Organoleptic*	215 *Toxicity Criteria*	220 *Toxicity Criteria*	215 *Toxicity Criteria*	220 *Toxicity Criteria*
Trinitrobenzene, 1,3,5-	99-35-4	210 *Minimum Criteria Systemic Toxicant*	210 *Minimum Criteria Systemic Toxicant*	19 *Toxicity Criteria*	19 *Toxicity Criteria*	19 *Toxicity Criteria*	19 *Toxicity Criteria*
Trinitrophenylmethylnitramine	479-45-8	70 *Minimum Criteria Systemic Toxicant*	70 *Minimum Criteria Systemic Toxicant*	*NA*	*NA*	*NA*	*NA*
Trinitrotoluene, 2,4,6-	118-96-7	10 *Minimum Criteria PQL*	1.2 *Minimum Criteria Carcinogen*	49 *Toxicity Criteria*	49 *Toxicity Criteria*	49 *Toxicity Criteria*	49 *Toxicity Criteria*

DISCLAIMER - For matters affecting legal rights or for the official version of cleanup target levels for Chapter 62-777, F.A.C., please refer to the F.A.W. published version of Chapter 62-777, F.A.C.

Comparison of Chapter 62-777, F.A.C. - May 26 1999 Values vs. April 17, 2005 Values

Groundwater and Surface Water Cleanup Target Levels

Contaminants	CAS #s	Groundwater Criteria (ug/L)		Freshwater Surface Water Criteria (ug/L)		Marine Surface Water Criteria (ug/L)	
		1999	2005	1999	2005	1999	2005
Trithion [see Carbophenothion]		NA					
TRPH	NOCAS	5000 *Minimum Criteria* *##*	5000 *Minimum Criteria*	5000 *62-302* *##*	5000 *NA*	5000 *62-302* *##*	5000 *NA*
Uranium, soluble salts	7440-61-1	NA	21 *Minimum Criteria* *Systemic Toxicant*		*NA*		*NA*
Vanadium	7440-62-2	49 *Minimum Criteria* *Systemic Toxicant*	49 *Minimum Criteria* *Systemic Toxicant*	*NA*	*NA*	*NA*	*NA*
Vanadium pentoxide (as Vanadium)	1314-62-1	63 *Minimum Criteria* *Systemic Toxicant*	63 *Minimum Criteria* *Systemic Toxicant*	12.5 *Toxicity Criteria*	13 *Toxicity Criteria*	12.5 *Toxicity Criteria*	13 *Toxicity Criteria*
Vernam	1929-77-7	7 *Minimum Criteria* *Systemic Toxicant*	7 *Minimum Criteria* *Systemic Toxicant*	11.5 *Toxicity Criteria*	12 *Toxicity Criteria*	11.5 *Toxicity Criteria*	12 *Toxicity Criteria*
Vinyl acetate	108-05-4	88 *Minimum Criteria* *Organoleptic*	88 *Minimum Criteria* *Organoleptic*	700 *Toxicity Criteria*	700 *Toxicity Criteria*	700 *Toxicity Criteria*	700 *Toxicity Criteria*
Vinyl chloride	75-01-4	1 *Primary Standard* *Carcinogen*	1 *Primary Standard* *Carcinogen*	*NA*	2.4 *Human Health*	*NA*	2.4 *Human Health*
White phosphorus	7723-14-0	0.1 *Minimum Criteria* *Systemic Toxicant*	0.1 *Minimum Criteria* *Systemic Toxicant*	*NA*	*NA*	*62-302*	0.1 *62-302*
Xylenes, total	1330-20-7	20 *Secondary Standard* *Systemic Toxicant*	20 *Secondary Standard* *Organoleptic*	370 *Toxicity Criteria*	370 *Toxicity Criteria*	370 *Toxicity Criteria*	370 *Toxicity Criteria*
Zinc	7440-66-6	5000 *Secondary Standard* *Systemic Toxicant*	5000 *Secondary Standard* *Organoleptic & color*	*62-302* *a*	*62-302* *f, g*	*62-302*	86 *62-302* *g*
Zinc chloride	7646-85-7	2100 *Minimum Criteria* *Systemic Toxicant*	2100 *Minimum Criteria* *Systemic Toxicant*	1.5 *Toxicity Criteria*	1.5 *Toxicity Criteria*	1.5 *Toxicity Criteria*	1.5 *Toxicity Criteria*
Zinc phosphide	1314-84-7	2.1 *Minimum Criteria* *Systemic Toxicant*	2.1 *Minimum Criteria* *Systemic Toxicant*	*NA*	*NA*	*NA*	*NA*
Zineb	12122-67-7	350 *Minimum Criteria* *Systemic Toxicant*	350 *Minimum Criteria* *Systemic Toxicant*	13.5 *Toxicity Criteria*	14 *Toxicity Criteria*	13.5 *Toxicity Criteria*	14 *Toxicity Criteria*

Groundwater and Surface Water Cleanup Target Levels

Contaminants	CAS #s	Groundwater Criteria (ug/L)		Freshwater Surface Water Criteria (ug/L)		Marine Surface Water Criteria (ug/L)	
		1999	2005	1999	2005	1999	2005

* (2005) = There are no surface water standards for these individual polycyclic aromatic hydrocarbons. Per Chapter 62-302, F.A.C., the surface water criterion for Polycyclic Aromatic Hydrocarbons (PAHs) shall apply to the total concentration of Acenaphthylene, Benzo(a)anthracene, Benzo(a)pyrene, Benzo(fluoranthene, Benzo(g,i,h)perylene, Benzo(k)fluoranthene, Chrysene, Dibenzo(a,h,)anthracene, Indeno(1,2,3-cd)pyrene, and Phenanthrene.

** (2005) = Groundwater CTLs for C carcinogens with no cancer slope factor were developed using the reference dose divided by a factor of 10, as described in the February 2005 'Final Technical Report: Development of Cleanup Target Levels (CTLs) for Chapter 62-777, F.A.C.'

a (1999); f (2005) = Hardness-dependent per Chapter 62-302, F.A.C.

b (1999); e (2005) = Not greater than 10% above background.

g (2005) = Criteria for these metals are measured as total recoverable metal. However, they may be applied as dissolved metals when, as part of a permit application, a dissolved metals translator has been established according to the procedures described in the document, “Guidance for Establishing a Metals Translator”, Florida Department of Environmental Protection, December 17, 2001.

62-302 = As provided in Chapter 62-302, F.A.C.

Toxicity Criteria = 1/20 of applicable LC50 data.

Organoleptic = Pertaining to or perceived by a sensory organ (i.e., color, taste or odor).

NA = Not available at time of Rule adoption.

Note: Freshwater and marine surface waters, and groundwater at the point of discharge into surface water shall pass acute and chronic toxicity bioassay tests: The user should consult the standard definitions for acute and chronic toxicity given in FAC 62-302.200(1) and FAC 62-302.200(4), respectively.