

APPENDIX A
TABLE 2: Safe Fill Numerical Standards for Organic Regulated Substances

Compound/Contaminant	CASRN	SHS1 (residential, used aquifer, TDS <2500mg/L)				Safe ³ Fill	Is Safe Fill Number Based on Generic Value?
		Residential Direct Contact		Soil to Groundwater Pathway Numeric Value		Lower of RDC to RGV	
		Soil MSC ² mg/kg		Residential Generic Value mg/kg		mg/kg	
ACENAPHTHENE	83-32-9	13000.00	G	2700	E	2700.00	1
ACENAPHTHYLENE	208-96-8	13000.00	G	2500	E	2500.00	1
Acephate	30560-19-1	880.00	G	0.84	E	0.84	1
ACETALDEHYDE	75-07-0	140.00	N	0.23	E	0.23	1
ACETONE	67-64-1	10000.00	C	41	E	41.00	1
ACETONITRILE	75-05-8	1100.00	C	19	E	19.00	1
ACETOPHENONE	98-86-2	10000.00	C	200	E	200.00	1
ACETYLAMINOFLUORENE, 2- (2AAF)	53-96-3	4.70	G	0.069	E	0.06900	1
ACROLEIN	10-702-8	0.38	N	0.00062	E	0.00062	1
ACRYLAMIDE	79-06-1	4.00	G	0.00057	E	0.00057	1
ACRYLIC ACID	79-10-7	19.00	N	0.051	E	0.05100	1
ACRYLONITRILE	107-13-1	4.70	N	0.0088	E	0.0088	1
ALACHLOR	15972-60-8	220.00	G	0.077	E	0.077	1
ALDICARB	116-06-3	220.00	G	0.120	E	0.12	1
ALDRIN	309-00-2	1.10	G	0.100	E	0.10	1
ALLYL ALCOHOL	107-18-6	330.00	N	0.580	E	0.58	1
AMINOBIIPHENYL, 4-	92-67-1	0.85	G	0.00120	E	0.00	1
AMITROLE	61-82-5	19.00	G	0.0280	E	0.028	1
Ammonia	7664-41-7	1900.00	N	330	E	330.00	1
Ammonium sulfate	7773-06-0	44000.00	G	22	E	22.00	1
ANILINE	62-53-3	19.00	N	0.160	E	0.16	1
ANTHRACENE*	120-12-7	66000.00	G	350	E	350.00	1
ATRAZINE	1912-24-9	81.00	G	0.130	E	0.13	1
Baygon (Propoxur)	114-26-1	880.00	G	0.033	E	0.033	1
Benomyl	17804-35-2	11000.00	G	20.000	E	20.00	1
Bentazon	25057-89-0	6600.00	G	12.000	E	12.00	1
BENZENE*	71-43-2	41.00	N	0.130	E	0.13	1
Benzidine	92-87-5	0.08	G	0.000032	E	0.00	1
BENZO[A]ANTHRACENE*	56-55-3	25.00	G	80	E	25.00	0
BENZO[A]PYRENE*	50-32-8	2.50	G	46	E	2.50	0
BENZO[B]FLUORANTHENE*	205-99-2	25.00	G	120	E	25.00	0
BENZO[GHI]PERYLENE*	191-24-2	13000.00	G	180	E	180.00	1
BENZO[K]FLUORANTHENE	207-08-9	250.00	G	600	E	250.00	0
BENZOIC ACID	65-85-0	190000.00	C	2900	E	2900.00	1
Benzotrichloride	98-07-7	1.40	G	0.00057	E	0.00057	1
BENZYL ALCOHOL	100-51-6	10000.00	C	400	E	400.00	1
BENZYL CHLORIDE	100-44-7	6.40	N	0.051	E	0.051	1
BHC, ALPHA-	319-84-6	2.80	G	0.046	E	0.046	1
BHC, BETA-	319-85-7	9.90	G	0.22	E	0.22	1
BHC, DELTA-	319-86-8	130.00	G	11	E	11.00	1
BHC, GAMMA (LINDANE)	58-89-9	14.00	G	0.0710	E	0.071	1
Biphenyl, 1,1-	92-52-4	11000.00	G	20	E	20.00	1
BIS(2-CHLOROETHYL)ETHER	111-44-4	0.96	N	0.00390	E	0.00	1
BIS(2-CHLORO-ISOPROPYL)ETHER	108-60-1	32.00	N	8	E	8.00	1
BIS(CHLOROMETHYL)ETHER	542-88-1	0.01	N	0.000010	E	0.000010	1
BIS[2-ETHYLHEXYL] PHTHALATE	117-81-7	1300.00	G	130	E	130.00	1
Bisphenol A	80-05-7	11000.00	G	20	E	20.00	1
Bromocil	314-40-9	29000.00	G	0.89	E	0.89	1
Bromochloromethane	74-97-5	2900.00	G	1	E	1.00	1
BROMODICHLOROMETHANE	75-27-4	8.60	N	3.4	E	3.40	1

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BROMOMETHANE	74-83-9	95.00	N	0.540	E	0.54	1
Bromoxynil	1689-84-5	4400.00	G	8.1	E	8.10	1
Bromoxynil octanoate	1689-99-2	4400.00	G	0.89	E	0.89	1
Butadiene, 1,3-	106-99-0	5.30	G	0.0017	E	0.00	1
BUTYL ALCOHOL, N- butylate	71-36-3 2008-41-5	6600.00 10000.00	N C	12 3.9	E E	12.00 3.90	1 1
Butylbenzene, n-	104-51-8	2200.00	G	4.1	E	4.10	1
Butylbenzene, sec-	135-98-8	2200.00	G	4.1	E	4.10	1
Butylbenzene, tert-	98-06-6	2200.00	G	4.1	E	4.10	1
BUTYLBENZYL PHTHALATE	85-68-7	10000.00	C	10000	C	10000.00	0
CAPTAN	133-06-2	5100.00	G	12	E	12.00	1
CARBARYL	63-25-2	22000.00	G	42	E	42.00	1
Carbazole	86-74-8	900.00	G	0.37	E	0.37	1
CARBOFURAN	1563-66-2	1100.00	G	0.870	E	0.87	1
CARBON DISULFIDE	75-15-0	10000.00	C	160	E	160.00	1
CARBON TETRACHLORIDE	56-23-5	21.00	N	0.26	E	0.26	1
Carboxin	5234-68-4	22000.00	G	7.8	E	7.80	1
Chloramben	133-90-4	3300.00	G	1.1	E	1.10	1
CHLORDANE	57-74-9	51.00	G	49	E	49.00	1
Chloro-1, 1-difluoroethane, 1-	75-68-3	190000.00	C	1600	E	1600.00	1
CHLORO-1-PROPENE, 3- (ALLYL CHLORIDE)	107-05-1	19.00	N	0.065	E	0.07	1
Chloroacetophenone, 2-	532-27-4	1.90	G	0.0034	E	0.00	1
CHLOROANILINE, P-	106-47-8	880.00	G	19	E	19.00	1
CHLOROBENZENE	108-90-7	4400.00	G	3.4	E	3.40	1
CHLOROBENZILATE	510-15-6	66.00	G	1.6	E	1.60	1
Chlorobutane, 1-	109-69-3	10000.00	C	170	E	170.00	1
CHLORODIBROMOMETHANE	124-48-1	12.00	N	3.2	E	3.20	1
Chlorodifluoromethane	75-45-6	190000.00	C	1.1	E	1.10	1
CHLOROETHANE	75-00-3	6200.00	[C] G	5	E	5.00	4
CHLOROETHYL VINYL ETHER, 2-	[110-75-8]	1700.00	[N]	3.1	[E]	3.10	1
CHLOROFORM	67-66-3	14.00	N	2.5	E	2.50	1
CHLORONAPHTHALENE, 2-	91-58-7	18000.00	G	6200	E	6200.00	1
Chloronitrobenzene, p-	100-00-5	990.00	G	0.41	E	0.41	1
CHLOROPHENOL, 2-	95-57-8	330.00	N	4.4	E	4.40	1
CHLOROPRENE	126-99-8	130.00	N	0.45	E	0.45	1
Chloropropane, 2-	75-29-6	1900.00	N	0.45	E	0.45	1
Chlorothalonil	1897-45-6	1600.00	G	3.1	E	3.10	1
Chlorotoluene, o-	95-49-8	4400.00	G	1.1	E	1.10	1
CHLORPYRIFOS	2921-88-2	660.00	G	23	E	23.00	1
Chlorsulfuron	64902-72-3	11000.00	G	20	E	20.00	1
Chlorthani-dimethyl (Dacthal) (DCPA)	1861-32-1	2200.00	G	4.4	E	4.40	1
CHRYSENE*	218-01-9	2500.00	G	230	E	230.00	1
CRESOL(S)	1319-77-3	330.00	N	0.85	E	0.85	1
Cresol, m- (3-methylphenol)	95-48-7	10000.00	C	20	E	20.00	1
Cresol, o- (2-methylphenol)	108-39-4	10000.00	C	20	E	20.00	1
Cresol, p- (4-methylphenol)	106-44-5	1100.00	G	2	E	2.00	1
CRESOL, P-CHLORO-M-	59-50-7	1100.00	G	37	E	37.00	1
CROTONALDEHYDE	4170-30-3	9.40	G	0.00099	E	0.00	1
Crotonaldehyde, trans	123-73-9	9.40	G	0.0039	E	0.00	1

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CUMENE (ISOPROPYL BENZENE)*	98-82-8	7300.00	N	790	E	790.00	1
CYCLOHEXANONE	108-94-1	10000.00	C	1400	E	1400.00	1
Cyfluthrin	68359-37-5	5500.00	G	0.011	E	0.01	1
Cyromazine	66215-27-8	1700.00	G	3	E	3.00	1
DDD, 4,4'-	72-54-8	75.00	G	6.8	E	6.80	1
DDE, 4,4'-	72-55-9	53.00	G	41	E	41.00	1
DDT, 4,4'-	50-29-3	53.00	G	110	E	53.00	0
Di(2-ethylhexyl)adipate	103-23-1	10000.00	C	4.4	C	4.40	1
DIALATE	2303-16-4	18.00	N	0.15	E	0.15	1
Diaminotoluene, 2,4-	95-80-7	5.60	G	0.0023	E	0.00	1
DIAZINON	333-41-5	200.00	G	0.082	E	0.08	1
DIBENZO[A,H]ANTHRACENE	53-70-3	2.50	G	41	E	2.50	0
DIBROMO-3-CHLOROPROPANE, 1,2-	96-12-8	3.80	N	0.0091	E	0.01	1
Dibromobenzene, 1,4-	106-37-6	2200.00	G	4.1	E	4.10	1
DIBROMOETHANE, 1,2- (ETHYLENE DIBROMIDE)	106-93-4	0.21	G	0.0012	E	0.00	1
DIBROMOMETHANE	74-95-3	670.00	N	3.7	E	3.70	1
DI-N-BUTYLPHTHALATE, N-	84-74-2	10000.00	C	1500	E	1500.00	1
Dichloro-2-butene, 1,4-	764-41-0	91000.00	N	0.00018	E	0.00	1
DICHLOROBENZENE, 1,2-	95-50-1	3800.00	N	60	E	60.00	1
DICHLOROBENZENE, 1,3-	541-73-1	60.00	N	61	E	60.00	0
DICHLOROBENZENE, P-	106-46-7	750.00	G	10	E	10.00	1
DICHLOROBENZIDINE, 3,3'-	91-94-1	40.00	G	8.4	E	8.40	1
DICHLORODIFLUOROMETHANE (FREON 12)	75-71-8	3800.00	N	100	E	100.00	1
DICHLOROETHANE, 1,1-	75-34-3	200.00	N	0.65	E	0.65	1
DICHLOROETHANE, 1,2-	107-06-2	12.00	N	0.1	E	0.10	1
DICHLOROETHYLENE, 1,1-	75-35-4	6.40	N	0.19	E	0.19	1
DICHLOROETHYLENE, CIS-1,2.*	156-59-2	670.00	N	1.6	E	1.60	1
DICHLOROETHYLENE, TRANS-1,2-	156-60-5	1300.00	N	2.3	E	2.30	1
DICHLOROMETHANE (METHYLENE CHLORIDE)	75-09-2	680.00	N	0.075	E	0.08	1
DICHLOROPHENOL, 2,4-	120-83-2	660.00	G	1	E	1.00	1
DICHLOROPHOXYACETIC ACID, 2,4- (2,4-D)	94-75-7	2200.00	G	1.8	E	1.80	1
Dichloropropane, 1,2-	78-87-5	18.00	N	0.11	E	0.11	1
Dichloropropene, 1,3-	542-75-6	8.60	N	0.013	E	0.013	1
DICHLOROPROPIONIC ACID (DALAPON), 2,2-	75-99-0	2000.00	N	5.3	E	5.30	1
DICHLORVOS	62-73-7	62.00	G	0.012	E	0.0120	1
Dicyclopentadiene	77-73-6	6600.00	G	0.0061	E	0.0061	1
DIELDRIN	60-57-1	1.10	G	0.11	E	0.11	1
DIETHYL PHTHALATE	84-66-2	10000.00	C	160	E	160.00	1
Diflubenzuron	35367-38-5	4400.00	G	2.2	E	2.20	1
DIMETHOATE	60-51-5	44.00	G	0.28	E	0.28	1
Dimethoxybenzidine, 3,3-	119-90-4	1300.00	G	0.52	E	0.52	1
DIMETHYLAMINOAZOBENZENE, P-	60-11-7	3.90	G	0.037	E	0.04	1
Dimethylaniline, N,N-	000121-69-7	440.00	G	0.81	E	0.81	1
Dimethylbenzidine, 3,3-	000119-93-7	1.90	G	0.0008	E	0.00080	1
DIMETHYLHYDRAZINE, 1,1-	[57-14-7]	0.64	[N]	0.00097	E	0.00097	4
DIMETHYLPHENOL, 2,4-	105-67-9	4400.00	G	31	E	31.00	1
DINITROBENZENE, 1,3-	99-65-0	22.00	G	0.049	E	0.05	1
DINITROPHENOL, 2,4-	51-28-5	440.00	G	0.21	E	0.21	1

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		Residential Direct Contact		Soil to Groundwater Pathway Numeric Value			
		Soil MSC ² mg/kg		Residential Generic Value mg/kg			
DINITROTOLUENE, 2,4-	121-14-2	58.00	G	0.05	E	0.05	1
DINITROTOLUENE, 2, 6,- (2,6-DNT)	606-20-2	220.00	G	1.1	E	1.10	1
DINOSEB	88-85-7	220.00	G	0.29	E	0.29	1
DIOXANE, 1,4-	123-91-1	41.00	N	0.073	E	0.07	1
Diphenamid	957-51-7	6600.00	G	2.2	E	2.20	1
DIPHENYLAMINE	122-39-4	5500.00	G	12	E	12.00	1
DIPHENYLHYDRAZINE, 1,2-	122-66-7	22.00	G	0.15	E	0.15	1
DIQUAT	85-00-7	480.00	G	0.24	E	0.24	1
DISULFOTON	298-04-4	2.70	N	0.08	E	0.08	1
DIURON	330-54-1	440.00	G	0.87	E	0.87	1
Endosulfan	115-29-7	1300.00	G	0.64	E	0.64	1
ENDOSULFAN I (ALPHA)	959-98-8	1300.00	G	110	E	110.00	1
ENDOSULFAN II (BETA)	33213-65-9	1300.00	G	130	E	130.00	1
ENDOSULFAN SULFATE	1031-07-8	1300.00	G	72	E	72.00	1
ENDOTHALL	145-73-3	4400.00	G	4.2	E	4.20	1
ENDRIN	72-20-8	66.00	G	5.4	E	5.40	1
EPICHLOROHYDRIN	106-89-8	19.00	N	0.056	E	0.056	1
Ethephon	16672-87-0	1100.00	G	2	E	2.00	1
ETHION	563-12-2	110.00	G	39	E	39.00	1
ETHOXYETHANOL, 2- (EGEE)	110-80-5		[C] N		E		
ETHYL ACETATE	141-78-6	10000.00	C	220	E	220.00	1
ETHYL ACRYLATE	140-88-5	23.00	N	0.12	E	0.12	1
ETHYL BENZENE*	100-41-4	10000.00	C	46	E	46.00	1
Ethyl dipropylthiocarbamate, S- (EPTC)	759-94-4	5500.00	G	10	E	10.00	1
ETHYL ETHER	60-29-7	10000.00	C	53	E	53.00	1
Ethyl methacrylate	97-63-2	20000.00	G	9.7	E	9.70	1
ETHYLENE GLYCOL	107-21-1	10000.00	C	85	E	85.00	1
Ethylene thiourea (ETU)	96-45-7	18.00	G	0.033	E	0.03	1
Ethyl p-nitrophenyl phenylphosphorothioate	2104-64-5	2.20	G	0.0041	E	0.0041	1
FENAMIPHOS	22224-92-6	55.00	G	0.17	E	0.17	1
Fenvalerate (Pydrin)	51630-58-1	5500.00	G	0.94	E	0.94	1
Fluometuron (Fluometron in EPA Feb'96)	2164-17-2	2900.00	G	1	E	1.00	1
FLUORANTHENE	206-44-0	8800.00	G	3300	E	3300.00	1
FLUORENE*	86-73-7	8800.00	G	380	E	380.00	1
FLUOROTROCHLOROMETHANE (FREON 11)	75-69-4	10000.00	C	90	E	90.00	1
FONOFOS	944-22-9	140.00	N	2.8	E	2.80	1
FORMALDEHYDE	50-00-0	24.00	N	12	E	12.00	1
FORMIC ACID	64-18-6	10000.00	C	210	E	210.00	1
Fosetyl-Al	039148-24-8		C		E		
		190000.00		1200		1200.00	1
Furan	110-00-9	220.00	G	0.11	E	0.11	1
FURFURAL	98-01-1	660.00	G	1.2	E	1.20	1
GLYPHOSATE	1071-83-6	22000.00	G	630	E	630.00	1
HEPTACHLOR	76-44-8	4.00	G	0.68	E	0.68	1
HEPTACHLOR EPOXIDE	1024-57-3	2.00	G	1	E	1.00	1
HEXACHLOROBENZENE	118-74-1	11.00	G	0.96	E	0.96	1
HEXACHLOROBUTADIENE	87-68-3	44.00	G	1.2	E	1.20	1
HEXACHLOROCYCLOPENTADIENE	77-47-4	1500.00	G	91	E	91.00	1
HEXACHLOROETHANE	67-72-1	220.00	G	0.56	E	0.56	1

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HEXANE	110-54-3	3800.00	N	510	E	510.00	1
Hexythiazox (Savay)	78587-05-0	5500.00	G	5.6	E	5.60	1
Hydrazine/Hydrazine sulfate	302-01-2	0.06	N	0.000097	E	0.00	1
Hydroquinone	123-31-9	8800.00	G	17	E	17.00	1
INDENO[1,2,3-CD]PYRENE*	193-39-5	25.00	G	7000	E	25.00	0
Iprodione	36734-19-7	8800.00	G	17	E	17.00	1
ISOBUTYL ALCOHOL	78-83-1	10000.00	C	76.00	E	76.00	1
ISOPHORONE	78-59-1	10000.00	C	1.9	E	1.90	1
KEPONE	143-50-0	1.10	G	0.56	E	0.56	1
MALATHION	121-75-5	1400.00	N	67	E	67.00	1
MALEIC HYDRAZIDE	123-33-1	110000.00	G	47	E	47.00	1
Maneb	12427-38-2	1100.00	G	2	E	2.00	1
Merphos oxide	78-48-8	6.60	G	0.012	E	0.01	1
METHACRYLONITRILE	126-98-7	13.00	N	0.031	E	0.03	1
Methamidophos	10265-92-6	11.00	G	0.02	E	0.02	1
METHANOL	67-56-1	10000.00	C	58	E	58.00	1
METHOMYL	16752-77-5	5500.00	G	3.2	E	3.20	1
METHOXYCHLOR	72-43-5	1100.00	G	630	E	630.00	1
Methoxyethanol, 2-	109-86-4	220.00	G		E	220.00	1
Methyl acetate	79-20-9	10000.00	C	410	E	410.00	1
Methyl acrylate	96-33-3	6600.00	G	12	E	12.00	1
METHYL CHLORIDE	74-87-3	180.00	N	0.038	E	0.04	1
METHYL ETHYL KETONE (2-BUTANONE)	78-93-3	10000.00	C	53	E	53.00	1
METHYL ISOBUTYL KETONE	108-10-1	1500.00	N	2.9	E	2.90	1
METHYL METHACRYLATE	80-62-6	10000.00	C	26	E	26.00	1
METHYL METHANESULFONATE	66-27-3	180.00	G	0.083	E	0.08	1
METHYL PARATHION	298-00-0	17.00	N	0.42	E	0.42	1
Methyl styrene (mixed isomers)	25013-15-4	1300.00	G	2.4	E	2.40	1
METHYL TERT-BUTYL ETHER (MTBE)	1634-04-4	10000.00	C	0.28	E	0.28	1
Methylene bis(2-chloroaniline), 4,4'-	101-14-4	140.00	G	0.057	E	0.06	1
METHYLNAPHTHALENE, 2-	91-57-6	4400.00	G	2900	E	2900.00	1
Methyle styrene, alpha	98-83-9	15000.00	G	7.6	E	7.60	1
NAPHTHALENE*	91-20-3	4400.00	G	5	E	5.00	1
NAPHTHYLAMINE, 1-	134-32-7	9.90	G	0.3	E	0.30	1
NAPHTHYLAMINE, 2-	91-59-8	9.90	G	0.012	E	0.01	1
Napropamide	15299-99-7	22000.00	G	41	E	41.00	1
NITROANILINE, M-	99-09-2	13.00	G	0.033	E	0.03	1
NITROANILINE, O-	88-74-4	13.00	G	0.037	E	0.04	1
NITROANILINE, P-	100-01-6	13.00	G	0.031	E	0.03	1
NITROBENZENE	98-95-3	110.00	G	0.79	E	0.79	1
NITROPHENOL, 2-	88-75-5	1800.00	G	5.9	E	5.90	1
NITROPHENOL, 4-	100-02-7	1800.00	G	4.2	E	4.20	1
NITROPROPANE, 2-	79-46-9	0.12	N	0.00026	E	0.00	1
NITROSODIETHYLAMINE, N-	55-18-5	0.01	N	0.00018	E	0.00	1
NITROSODIMETHYLAMINE, N-	62-75-9	0.02	N	0.000041	E	0.00	1
Nitroso-di-n-butylamine, N-	924-16-3	3.30	G	0.0003	E	0.00	1
NITROSODI-N-PROPYLAMINE, N-	621-64-7	2.60	G	0.0013	E	0.00	1
NITROSODIPHENYLAMINE, N-	86-30-6	3700.00	G	20	E	20.00	1
Nitroso-N-ethylurea, N-	759-73-9	0.13	G	0.000052	E	0.00	1
OCTYL PHTHALATE, DI-N-	117-84-0	4400.00	G	10000	C	4400.00	0

APPENDIX A
TABLE 2: Safe Fill Numerical Standards for Organic Regulated Substances

Compound/Contaminant	CASRN	SHS1 (residential, used aquifer, TDS <2500mg/L)				Safe ³ Fill	Is Safe Fill Number Based on Generic Value?
		Residential Direct Contact		Soil to Groundwater Pathway Numeric Value		Lower of RDC to RGV	
		Soil MSC ² mg/kg		Residential Generic Value mg/kg		mg/kg	
OXAMYL (VYDATE)	23135-22-0	5500.00	G	2.6	E	2.60	1
PARATHION	56-38-2	1300.00	G	130	E	130.00	1
PCB-1016 (AROCLOR)	12674-11-2	15.00	G	70	E	15.00	0
PCB-1221 (AROCLOR)	11104-28-2	36.00	G	0.62	E	0.62	1
PCB-1232 (AROCLOR)	11141-16-5	36.00	G	0.52	E	0.52	1
PCB-1242 (AROCLOR)	53469-21-9	36.00	G	16	E	16.00	1
PCB-1248 (AROCLOR)	12672-29-6	9.90	G	18	E	9.90	0
PCB-1254 (AROCLOR)*	11097-69-1	4.40	G	75	E	4.40	0
PCB-1260 (AROCLOR)	11096-82-5	30.00	G	110	E	30.00	0
Pebulate	1114-71-2	10000.00	C	20	E	20.00	1
PENTACHLOROBENZENE	608-93-5	180.00	G	230	E	180.00	0
PENTACHLORONITROBENZENE	82-68-8	69.00	G	5	E	5.00	1
PENTACHLOROPHENOL	87-86-5	150.00	G	5	E	5.00	1
PHENACETIN	62-44-2	8100.00	G	12	E	12.00	1
PHENANTHRENE	85-01-8	66000.00	G	10000	E	10000.00	1
PHENOL	108-95-2	130000.00	G	66	E	66.00	1
PHENYLENEDIAMINE, M-	108-45-2	1300.00	G	3.1	E	3.10	1
Phenylphenol,2-	90-43-7	9200.00	G	3.8	E	3.80	1
PHORATE	298-02-2	13.00	N	0.41	E	0.41	1
PTHALIC ANHYDRIDE	85-44-9	190000.00	C	2300	E	2300.00	1
Picloram	1918-02-1	15000.00	G	5.6	E	5.60	1
PRONAMIDE	23950-58-5	17000.00	G	3	E	3.00	1
Propanil	709-98-8	1100.00	G	2	E	2.00	1
Propham	122-42-9	4400.00	G	8.1	E	8.10	1
Propylbenzene, n-	103-65-1	2200.00	G	4.1	E	4.10	1
PROPYLENE OXIDE	75-56-9	75.00	G	0.048	E	0.05	1
PYRENE*	129-00-0	6600.00	G	2200	E	2200.00	1
PYRIDINE	110-86-1	67.00	N	0.11	E	0.11	1
Quinoline	91-22-5	1.50	G	0.00061	E	0.00	1
Quizalofop (Assure)	76578-14-8	2000.00	G	3.3	E	3.30	1
Ronnel	299-84-3	11000.00	G	20	E	20.00	1
SIMAZINE	122-34-9	150.00	G	0.16	E	0.16	1
STRYCHNINE	57-24-9	66.00	G	0.9	E	0.90	1
STYRENE	100-42-5	10000.00	C	24	E	24.00	1
Tebuthiuron	34014-18-1	15000.00	G	5.6	E	5.60	1
Terbacil	5902-51-2	2900.00	G	1	E	1.00	1
TERBUFOS	13071-79-9	1.70	N	0.13	E	0.13	1
Tetrachlorobenzene, 1,2,4,5-	95-94-3	66.00	G	0.12	E	0.12	1
TETRACHLORODIBENZO-P-DIOXIN, 2,3,7,8- (TCDD)	1746-01-6	0.00	G	0.032	E	0.000120	0
Tetrachloroethane, 1,1,1,2-	630-20-6	690.00	G	0.78	E	0.78	1
Tetrachloroethane, 1,1,2,2-	79-34-5	5.50	N	0.023	E	0.02	1
TETRACHLOROETHYLENE (PCE)	127-18-4	340.00	G	0.43	E	0.43	1
TETRACHLOROPHENOL, 2,3,4,6-	58-90-2	6600.00	G	450	E	450.00	1
TETRAETHYL LEAD	78-00-2	0.02	G	0.0046	E	0.00	1
Tetraethylthiopyrophosphate	3689-24-5	33.00	N	0.054	E	0.05	1
Thiofanox	39196-18-4	66.00	G	0.12	E	0.12	1
THIRAM	137-26-8	1100.00	G	47	E	47.00	1
TOLUENE*	108-88-3	7600.00	N	44	E	44.00	1
TOLUIDINE, M-	108-44-1	75.00	G	0.13	E	0.13	1
TOLUIDINE, O-	95-53-4	75.00	G	0.32	E	0.32	1

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Compound/Contaminant	CASRN	SHS1 (residential, used aquifer, TDS <2500mg/L)				Safe ³ Fill Lower of RDC to RGV mg/kg	Is Safe Fill Number Based on Generic Value?
		Residential Direct Contact		Soil to Groundwater Pathway Numeric Value			
		Soil MSC ² mg/kg		Residential Generic Value mg/kg			
TOLUIDINE, P-	106-49-0	94.00	G	0.32	E	0.32	1
TOXAPHENE	8001-35-2	16.00	G	1.2	E	1.20	1
Triallate	2303-17-5	2900.00	G	5.2	E	5.20	1
TRIBROMOMETHANE (BROMOFORM)	75-25-2	290.00	N	4.3	E	4.30	1
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1	190000.00	C	920	E	920.00	1
TRICHLOROBENZENE, 1,2,4-	120-82-1	2200.00	G	28	E	28.00	1
TRICHLOROBENZENE, 1,3,5-	108-70-3	1300.00	G	31	E	31.00	1
TRICHLOROETHANE, 1,1,1-*	71-55-6	4400.00	G	7.2	E	7.20	1
TRICHLOROETHANE, 1,1,2-	79-00-5	20.00	N	0.15	E	0.15	1
TRICHLOROETHYLENE (TCE)*	79-01-6	190.00	N	0.17	E	0.17	1
TRICHLOROPHENOL, 2,4,5-	95-95-4	22000.00	G	2300	E	2300.00	1
TRICHLOROPHENOL, 2,4,6-	88-06-2	1600.00	G	17	E	17.00	1
TRICHLOROPHENOXYACETIC ACID, 2,4,5- (2,4,5-T)	93-76-5	2200.00	G	1.5	E	1.50	1
TRICHLOROPHENOXYPROPIONIC ACID, 2,4,5- (2,4,5-TP)	93-72-1	1800.00	G	22	E	22.00	1
Trichloropropane, 1,1,2-	598-77-6	1100.00	G	2	E	2.00	1
TRICHLOROPROPANE, 1,2,3-	96-18-4	0.16	N	3.3	E	0.16	0
Trichloropropene, 1,2,3-	96-19-5	1100.00	G	2	E	2.00	1
Trifluralin	1582-09-8	1700.00	G	0.056	E	0.06	1
Trimethylbenzene, 1,3,4- (Trimethylbenzene, 1,2,4-)	95-63-6	110.00	N	0.18	E	0.18	1
Trimethylbenzene, 1,3,5-	108-67-8	110.00	N	0.18	E	0.18	1
Trinitrotoluene, 2,4,6-	118-96-7	110.00	G	0.022	E	0.02	1
VINYL ACETATE	108-05-4	3800.00	N	6.5	E	6.50	1
Vinyl bromide (Bromoethene)	593-60-2	160.00	G	0.016	E	0.02	1
VINYL CHLORIDE	75-01-4	1.30	N	0.27	E	0.27	1
WARFARIN	81-81-2	66.00	G	2.6	E	2.60	1
XYLENES (TOTAL)*	1330-20-7	8300.00	N	850	E	850.00	1
Zineb	12122-67-7	11000.00	G	20	E	20.00	1

Total No. of Organic Regulated Substances with Generic Value < Direct Contact (out of a total of 323 substances)

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SHS - Statewide health standards

* For screening of petroleum hydrocarbons from airborne pollution at a site, if only those contaminants are of concern.

¹ Residential SHS (used aquifer, TDS ≤ 2500 mg/L) developed under the land recycling program of Act 2.

² MSC= medium specific concentration

³ Lower of RGV compared to RDC

E - Number calculated by the soil to groundwater equation in Section 250.308