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Key : i=IRIS p= PPRTV n=NCEA h=HEAST x=WITHDRAWN o=Other DOCUMENTS r=ROUTE EXTRAPOLATION Key : C=CANCER N=NONCANCER sat=SOIL SATURATION max=CEILING LIMIT

Region 6 Human Health Medium Specific Screening Levels 2007	TOXICITY INFORMATION													SCREENING LEVELS											
Contaminants	SFo 1/(mg/kg-d)	K E Y	Mutagen y for yes	CANCER CLASS	RfDo [mg/kg-d]	K E Y	SFi 1/(mg/kg-d)	K E Y	RfDi [mg/kg-d]	K E Y	RfC [mg/m3]	K E Y	MCL (ug/l)	CAS No.	Residential Soil (mg/kg)	K E Y	Industrial Indoor Worker (mg/kg)	K E Y	Industrial-Outdoor Worker Soil (mg/kg)	K E Y	Ambient Air (ug/m^3)	K E Y	Tap Water (ug/l)	K E Y	DAF 1 (mg/kg)
Acetaldehyde							7.7E-03	i	2.6E-03	i				75-07-0	1.1E+01	C	2.3E+01	C	2.6E+01	C	8.7E-01	C	1.7E+00	C	
Acetochlor					2.0E-02	i			2.0E-02	r				34256-82-1	1.2E+03	N	4.1E+04	N	1.4E+04	N	7.3E+01	N	7.3E+02	N	
Acetone					9.0E-01	i			9.0E-01	r				67-64-1	1.4E+04	N	5.6E+04	N	6.0E+04	N	3.3E+03	N	5.5E+03	N	8.0E-01
Acetonitrile									1.7E-02	i				75-05-8	6.2E+02	N	2.0E+03	N	2.3E+03	N	6.2E+01	N	1.2E+02	N	
Acetophenone					1.0E-01	i			1.0E-01	r				98-86-2	1.7E+03	sat	1.7E+03	sat	1.7E+03	sat	3.7E+02	N	6.1E+02	N	
Acrolein					5.0E-04	i			5.7E-06	i				107-02-8	1.0E-01	N	3.4E-01	N	3.7E-01	N	2.1E-02	N	4.2E-02	N	
Acrylamide	4.6E+00	i		B2	2.0E-04	i	4.6E+00	i	2.0E-04	r				79-06-1	1.1E-01	C	1.3E+00	C	4.2E-01	C	1.5E-03	C	1.5E-02	C	
Acrylic acid					5.0E-01	i			2.9E-04	i				79-10-7	2.9E+04	N	1.0E+05	max	1.0E+05	max	1.0E+00	N	1.8E+04	N	
Acrylonitrile	5.4E-01	i		B1	1.0E-03	h	2.4E-01	i	5.7E-04	i				107-13-1	2.1E-01	C	5.2E-01	C	5.5E-01	C	2.8E-02	C	3.9E-02	C	
Alachlor	8.1E-02	h			1.0E-02	i	8.0E-02	r	1.0E-02	r			2.0E+00	15972-60-8	6.0E+00	C	7.1E+01	C	2.4E+01	C	8.4E-02	C	8.4E-01	C	
Alar					1.5E-01	i			1.5E-01	r				1596-84-5	9.2E+03	N	1.0E+05	max	1.0E+05	max	5.5E+02	N	5.5E+03	N	
Aldicarb					1.0E-03	i			1.0E-03	r			7.0E+00	116-06-3	6.1E+01	N	2.0E+03	N	6.8E+02	N	3.7E+00	N	3.7E+01	N	
Aldicarb sulfone					1.0E-03	i			1.0E-03	r			7.0E+00	1646-88-4	6.1E+01	N	2.0E+03	N	6.8E+02	N	3.7E+00	N	3.7E+01	N	
Aldrin	1.7E+01	i		B2	3.0E-05	i	1.7E+01	i	3.0E-05	r				309-00-2	2.9E-02	C	3.4E-01	C	1.1E-01	C	3.9E-04	C	4.0E-03	C	2.0E-02
Allyl chloride					5.0E-02	h			2.9E-04	i				107-05-1	3.0E+03	N	9.7E+04	N	3.4E+04	N	1.0E+00	N	1.8E+03	N	
Aluminum					1.0E+00	p			1.4E-03	p				7429-90-5	7.6E+04	N	1.0E+05	max	1.0E+05	max	5.2E+00	N	3.7E+04	N	
Amdro					3.0E-04	i			3.0E-04	r				67485-29-4	1.8E+01	N	6.1E+02	N	2.1E+02	N	1.1E+00	N	1.1E+01	N	
4-Aminopyridine					2.0E-05	h			2.0E-05	r				504-24-5	1.2E+00	N	4.1E+01	N	1.4E+01	N	7.3E-02	N	7.3E-01	N	
Ammonia									2.9E-02	i				7664-41-7							1.0E+02	N	2.1E+02	N	
Aniline	5.7E-03	i		B2	7.0E-03	p	5.7E-03	r	2.9E-04	i	1.0E-03	I		62-53-3	8.5E+01	C	1.0E+03	C	3.4E+02	C	1.0E+00	N	1.2E+01	C	
Antimony and compounds					4.0E-04	i							6.0E+00	7440-36-0	3.1E+01	N	8.2E+02	N	4.5E+02	N			1.5E+01	N	3.0E-01
Antimony pentoxide					5.0E-04	h								1314-60-8	3.9E+01	N	1.0E+03	N	5.7E+02	N			1.8E+01	N	
Antimony tetroxide					4.0E-04	h								1332-81-6	3.1E+01	N	8.2E+02	N	4.5E+02	N			1.5E+01	N	
Antimony trioxide					4.0E-04	h			5.7E-05	i				1309-64-4	3.1E+01	N	8.2E+02	N	4.5E+02	N	2.1E-01	N	1.5E+01	N	
Arsenic (noncancer endpoint)					3.0E-04	i							1.0E+01	7440-38-2	2.2E+01	N	6.1E+02	N	2.8E+02	N					
Arsenic (cancer endpoint)	1.5E+00	i		A	3.0E-04	i	1.5E+01	i					1.0E+01	7440-38-2	3.9E-01	C	3.8E+00	C	1.8E+00	C	4.5E-04	C	4.5E-02	C	1.0E+00
Arsine									1.4E-05	i	5.0E-05	i		7784-42-1							5.2E-02	N	1.0E-01	N	
Assure					9.0E-03	i			9.0E-03	r				76578-14-8	5.5E+02	N	1.8E+04	N	6.2E+03	N	3.3E+01	N	3.3E+02	N	
Atrazine	2.2E-01	h			3.5E-02	h	2.2E-01	r	3.5E-02	h			3.0E+00	1912-24-8	2.2E+00	C	2.6E+01	C	8.6E+00	C	3.1E-02	C	3.0E-01	C	
Azobenzene	1.1E-01	i		B2			1.1E-01	i						103-33-3	4.4E+00	C	5.2E+01	C	1.7E+01	C	6.2E-02	C	6.1E-01	C	
Barium and compounds					2.0E-01	i			2.0E-01	r			2.0E+03	7440-39-3	1.6E+04	N	1.0E+05	max	1.0E+05	max	7.3E+02	N	7.3E+03	N	8.2E+01
Baygon					4.0E-03	i			4.0E-03	r				114-26-1	2.4E+02	N	8.2E+03	N	2.7E+03	N	1.5E+01	N	1.5E+02	N	
Baythroid					2.5E-02	i			2.5E-02	r				68359-37-5	1.5E+03	N	5.1E+04	N	1.7E+04	N	9.1E+01	N	9.1E+02	N	
Bentazon					3.0E-02	i			3.0E-02	r				25057-89-0	1.8E+03	N	6.1E+04	N	2.1E+04	N	1.1E+02	N	1.1E+03	N	
Benzaldehyde					1.0E-01	i			1.0E-01	r				100-52-7	6.1E+03	N	1.0E+05	max	6.8E+04	N	3.7E+02	N	3.7E+03	N	
Benzene	5.5E-02	i		A	4.0E-03	i	2.7E-02	i	8.6E-03	i			5.0E+00	71-43-2	6.6E-01	C	1.5E+00	C	1.6E+00	C	2.5E-01	C	3.5E-01	C	2.0E-03
Benzidine	2.3E+02	i	y	A	3.0E-03	i	2.3E+02	i	3.0E-03	r				92-87-5	5.0E-04	C	2.5E-02	C	8.3E-03	C	9.4E-06	C	9.4E-05	C	
Benzoic acid					4.0E+00	i			4.0E+00	i				65-85-0	1.0E+05	max	1.0E+05	max	1.0E+05	max	1.5E+04	N	1.5E+05	N	2.0E+01
Benzyl alcohol					3.0E-01	h			3.0E-01	r				100-51-6	1.8E+04	N	1.0E+05	max	1.0E+05	max	1.1E+03	N	1.1E+04	N	
Benzyl chloride	1.7E-01	i		B2			1.7E-01	r						100-44-7	8.9E-01	C	2.3E+00	C	2.4E+00	C	4.0E-02	C	6.6E-02	C	
Beryllium and compounds				B1	2.0E-03	i	8.4E+00	i	5.7E-06	i			4.0E+00	7440-41-7	1.5E+02	N	2.2E+03	C	2.2E+03	N	8.0E-04	C	7.3E+01	N	3.0E+00
1,1-Biphenyl					5.0E-02	i			5.0E-02	r				92-52-4	3.0E+03	N	3.0E+04	N	2.6E+04	N	1.8E+02	N	3.0E+02	N	
Bis(2-chloroethyl)ether	1.1E+00	i		B2			1.2E+00	i						111-44-4	2.1E-01	C	6.2E-01	C	6.2E-01	C	5.8E-03	C	9.8E-03	C	2.0E-05
Bis(2-chloroisopropyl)ether	7.0E-02	h			4.0E-02	i	3.5E-02	h	4.0E-02	r				108-60-1	2.9E+00	C	8.1E+00	C	8.2E+00	C	1.9E-01	C	2.7E-01	C	
Bis(chloromethyl)ether	2.2E+02	i		A			2.2E+02	i						542-88-1	1.9E-04	C	4.4E-04	C	4.8E-04	C	3.1E-05	C	5.2E-05	C	
Bis(2-ethylhexyl)phthalate (DEHP)	1.4E-02	i		B2	2.0E-02	i	1.4E-02	r	2.0E-02	r			6.0E+00	117-81-7	3.5E+01	C	4.1E+02	C	1.4E+02	C	4.8E-01	C	4.8E+00	C	1.8E+02
Boron					2.0E-01	i			5.7E-03	h				7440-42-8	1.6E+04	N	1.0E+05	max	1.0E+05	max	2.1E+01	N	7.3E+03	N	
Boron trifluoride									2.0E-04	h				7637-07-2	1.0E+05	max	1.0E+05	max	1.0E+05	max	7.3E-01	N			
Bromobenzene					2.0E-02	p			3.3E-03	p	1.2E-02	p		108-86-1	7.3E+01	N	1.1E+02	N	1.2E+02	N	1.2E+01	N	2.3E+01	N	
Bromodichloromethane	6.2E-02	i		B2	2.0E-02	i	6.2E-02	r	2.0E-02	r				75-27-4	1.0E+00	C	2.4E+00	C	2.6E+00	C	1.1E-01	C	1.8E-01	C	3.0E-02
Bromoform (tribromomethane)	7.9E-03	i		B2	2.0E-02	i	3.9E-03	i	2.0E-02	r				75-25-2	6.2E+01	C	7.2E+02	C	2.4E+02	C	1.7E+00	C	8.5E+00	C	4.0E-02
Bromomethane					1.4E-03	i			1.4E-03	i				74-83-9	3.9E+00	N	1.3E+01	N	1.5E+01	N	5.2E+00	N	8.7E+00	N	1.0E-02
Bromophos					5.0E-03	h			5.0E-03	r				2104-96-3	3.1E+02	N	1.0E+04	N	3.4E+03	N	1.8E+01	N	1.8E+02	N	
Bromoxynil					2.0E-02	i			2.0E-02	r				1689-84-5	1.2E+03	N	4.1E+04	N	1.4E+04	N	7.3E+01	N	7.3E+02	N	
1,3-Butadiene				B2			1.1E-01	i	5.7E-04	i				106-99-0	6.2E-02	C	1.3E-01	C	1.5E-01	C	6.4E-02	C	1.3E-01	C	
1-Butanol					1.0E-01	i			1.0E-01	r				71-36-3	6.1E+03	N	1.0E+05	max	6.8E+04	N	3.7E+02	N	3.7E+03	N	9.0E-01
Butylate					5.0E-02	i			5.0E-02	r				2008-41-5	3.1E+03	N	1.0E+05	max	3.4E+04	N	1.8E+02	N	1.8E+03	N	
n-Butylbenzene					1.0E-02	n			1.0E-02	r				104-51-8	1.4E+02	N	2.4E+02	sat	2.4E+02	sat	3.7E+01	N	6.1E+01	N	
sec-Butylbenzene					1.0E-02	n			1.0E-02	r				135-98-8	1.1E+02	N	2.2E+02	sat	2.2E+02	sat	3.7E+01	N	6.1E+01	N	
tert-Butylbenzene					1.0E-02	n			1.0E-02	r				98-06-6	1.3E+02	N	3.9E+02	sat	3.9E+02	sat	3.7E+01	N	6.1E+01	N	
Butyl benzyl phthalate					2.0E-01	i			2.0E-01	r				85-68-7	2.4E+02	sat	2.4E+02	sat	2.4E+02	sat	7.3E+02	N	7.3E+03	N	8.1E+02
Cadmium and compounds					5.0E-04	i	6.3E+00	i	5.7E-05	x			5.0E+00	7440-43-9	3.9E+01	N	1.0E+03	N	5.6E+02	N	1.1E-03	C	1.8E+01	N	4.0E-01
Caprolactam					5.0E-01	i			5.0E-01	r				105-60-2	3.1E+04	N	1.0E+05	max	1.0E+05	max	1.8E+03	N	1.8E+04	N	
Captan	3.5E-03	h			1.3E-01	i	3.5E-03	r	1.3E-01	r				133-06-2	1.4E+02	C	1.6E+03	C	5.5E+02	C	1.9E+00	C	1.9E+01	C	
Carbaryl					1.0E-01	i			1.0E-01	r				63-25-2	6.1E+03	N	1.0E+05	max	6.8E+04	N	3.7E+02	N	3.7E+03	N	

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Region 6 Human Health Medium Specific Screening Levels 2007	TOXICITY INFORMATION													SCREENING LEVELS											
Contaminants	SFo 1/(mg/kg-d)	K E Y	Mutagen y for yes	CANCER CLASS	RfDo (mg/kg-d)	K E Y	SFi 1/(mg/kg-d)	K E Y	RfDi (mg/kg-d)	K E Y	RfC (mg/m3)	K E Y	MCL (ug/l)	CAS No.	Residential Soil (mg/kg)	K E Y	Industrial Indoor Worker w/o Primer (mg/kg)	K E Y	Industrial Outdoor Worker Soil (mg/kg)	K E Y	Ambient Air (ug/m^3)	K E Y	Tap Water (ug/l)	K E Y	DAF 1 (mg/kg)
Carbazole	2.0E-02	h					2.0E-02	r						86-74-8	2.4E+01	C	2.9E+02	C	9.6E+01	C	3.4E-01	C	3.4E+00	C	3.0E-02
Carbofuran					5.0E-03	i			5.0E-03	r			4.0E+01	1563-66-2	3.1E+02	N	1.0E+04	N	3.4E+03	N	1.8E+01	N	1.8E+02	N	
Carbon disulfide					1.0E-01	i			2.0E-01	i	7.0E-01	i		75-15-0	7.2E+02	sat	7.2E+02	sat	7.2E+02	sat	7.3E+02	N	1.0E+03	N	2.0E+00
Carbon tetrachloride	1.3E-01	i		B2	7.0E-04	i	5.3E-02	i	5.7E-04	x			5.0E+00	56-23-5	2.4E-01	C	5.3E-01	C	5.8E-01	C	1.3E-01	C	1.7E-01	C	3.0E-03
Carbosulfan					1.0E-02	i			1.0E-02	r				55285-14-8	6.1E+02	N	2.0E+04	N	6.8E+03	N	3.7E+01	N	3.7E+02	N	
Chloral					1.0E-01	i								302-17-0	6.1E+03	N	1.0E+05	max	6.8E+04	N			3.7E+03	N	
Chloranil	4.0E-01	h					4.0E-01	r						118-75-2	1.2E+00	C	1.4E+01	C	4.8E+00	C	1.7E-02	C	1.7E-01	C	
Chlordane	3.5E-01	i		B2	5.0E-04	i	3.5E-01	i	2.0E-04	i			2.0E+00	57-74-9	1.6E+00	C	1.6E+01	C	7.2E+00	C	1.9E-02	C	1.9E-01	C	5.0E-01
Chlorine					1.0E-01	i								7782-50-5	7.8E+03	N	1.0E+05	max	1.0E+05	max			3.7E+03	N	
Chlorine dioxide									5.7E-05	i				10049-04-4							2.1E-01	N	4.2E-01	N	
Chloroacetic acid					2.0E-03	h			2.0E-03	r				79-11-8	1.2E+02	N	4.1E+03	N	1.4E+03	N	7.3E+00	N	7.3E+01	N	
4-Chloroaniline					4.0E-03	i			4.0E-03	r				106-47-8	2.4E+02	N	8.2E+03	N	2.7E+03	N	1.5E+01	N	1.5E+02	N	3.0E-02
Chlorobenzene					2.0E-02	i			1.4E-02	p	5.0E-02	p	1.0E+02	108-90-7	2.7E+02	N	4.6E+02	N	5.0E+02	N	5.2E+01	N	9.1E+01	N	7.0E-02
Chlorobenzilate	2.7E-01	h			2.0E-02	i	2.7E-01	h	2.0E-02	r				510-15-6	1.8E+00	C	2.1E+01	C	7.1E+00	C	2.5E-02	C	2.5E-01	C	
p-Chlorobenzoic acid					2.0E-01	h			2.0E-01	r				74-11-3	1.2E+04	N	1.0E+05	max	1.0E+05	max	7.3E+02	N	7.3E+03	N	
4-Chlorobenzotrifluoride					2.0E-02	h			2.0E-02	r				98-56-6	1.2E+03	N	4.1E+04	N	1.4E+04	N	7.3E+01	N	7.3E+02	N	
2-Chloro-1,3-butadiene					2.0E-02	h			2.0E-03	h				126-99-8	3.6E+00	N	1.2E+01	N	1.3E+01	N	7.3E+00	N	1.4E+01	N	
1-Chlorobutane					4.0E-02	p			4.0E-02	r				109-69-3	7.1E+01	N	2.4E+02	N	2.6E+02	N	1.5E+02	N	2.4E+02	N	
1-Chloro-1,1-difluoroethane					1.4E+01	r			1.4E+01	i	5.0E+01	i		75-68-3	3.4E+02	sat	3.4E+02	sat	3.4E+02	sat	5.2E+04	N	8.7E+04	N	
Chlorodifluoromethane					1.4E+01	r			1.4E+01	i	5.0E+01	i		75-45-6	3.4E+02	sat	3.4E+02	sat	3.4E+02	sat	5.1E+04	N	8.5E+04	N	
Chloroform				B2	1.0E-02	i	8.1E-02	i	1.3E-02	p	4.5E-02	p		67-66-3	2.5E-01	C	5.2E-01	C	5.8E-01	C	8.4E-02	C	1.7E-01	C	3.0E-02
Chloromethane							6.3E-03	h	2.6E-02	i				74-87-3	1.3E+00	C	2.7E+00	C	3.0E+00	C	1.1E+00	C	2.1E+00	C	
4-Chloro-2-methylaniline	5.8E-01	h					5.8E-01	r						95-69-2	8.4E-01	C	9.9E+00	C	3.3E+00	C	1.2E-02	C	1.2E-01	C	
beta-Chloronaphthalene					8.0E-02	i			8.0E-02	r				91-58-7	3.9E+03	N	2.7E+04	N	2.6E+04	N	2.9E+02	N	4.9E+02	N	
o-Chloronitrobenzene	9.7E-03	p			1.0E-03	p	9.7E-03	r	2.0E-05	p	7.0E-05	p		88-73-3	9.0E+00	N	1.4E+01	N	1.6E+01	N	7.3E-02	N	1.5E-01	N	
p-Chloronitrobenzene	6.7E-03	p			1.0E-03	p	6.7E-03	r	1.7E-04	p	6.0E-03	p		100-00-5	5.4E+01	C	1.0E+02	N	1.1E+02	N	6.2E-01	N	1.2E+00	N	
2-Chlorophenol					5.0E-03	i			5.0E-03	r				95-57-8	6.4E+01	N	2.4E+02	N	2.6E+02	N	1.8E+01	N	3.0E+01	N	2.0E-01
2-Chloropropane														75-29-6	1.1E+03	sat	1.1E+03	sat	1.1E+03	sat					
o-Chlorotoluene					2.0E-02	i			2.0E-02	r				95-49-8	1.6E+02	N	5.1E+02	sat	5.1E+02	sat	7.3E+01	N	1.2E+02	N	
Chlorpyrifos					3.0E-03	i			3.0E-03	r				2921-88-2	1.8E+02	N	6.1E+03	N	2.1E+03	N	1.1E+01	N	1.1E+02	N	
Chlorpyrifos-methyl					1.0E-02	h			1.0E-02	r				5598-13-0	6.1E+02	N	2.0E+04	N	6.8E+03	N	3.7E+01	N	3.7E+02	N	
Chromium III					1.5E+00	i							1.0E+02	16065-83-1	1.0E+05	max	1.0E+05	max	1.0E+05	max			5.5E+04	N	
Total Chromium (1/6 ratio Cr VI/Cr III)							4.2E+01	i					1.0E+02	7440-47-3	2.1E+02	C	4.5E+02	C	5.0E+02	C	1.6E-04	C			2.0E+00
Chromium VI				A	3.0E-03	i	2.9E+02	i	2.9E-05	i			1.0E+02	18540-29-9	3.0E+01	C	6.4E+01	C	7.1E+01	C	2.3E-05	C	1.1E+02	N	2.0E+00
Cobalt					2.0E-02	p	9.8E+00	p	5.7E-06	p				7440-48-4	9.0E+02	C	1.9E+03	C	2.1E+03	C	6.9E-04	C	7.3E+02	N	
Coke Oven Emissions			y	A			2.2E+00	i						8007-45-2	1.3E+03	C	8.7E+03	C	9.6E+03	C	9.9E-04	C			
Copper and compounds					3.7E-02	h							1.3E+03	7440-50-8	2.9E+03	N	7.6E+04	N	4.2E+04	N			1.4E+03	N	
Crotonaldehyde	1.9E+00	h					1.9E+00	x						123-73-9	5.3E-03	C	1.1E-02	C	1.3E-02	C	3.5E-03	C	5.9E-03	C	
Cumene (isopropylbenzene)					1.0E-01	i			1.1E-01	i	4.0E-01	i		98-82-8	3.7E+02	N	5.2E+02	N	5.8E+02	N	4.0E+02	N	6.6E+02	N	
Cyanazine	8.4E-01	h			2.0E-03	h	8.4E-01	r	2.0E-03	r				21725-46-2	5.8E-01	C	6.8E+00	C	2.3E+00	C	8.0E-03	C	8.0E-02	C	
Cyanides														n/a											
Barium cyanide					1.0E-01	h								542-62-1	6.1E+03	N	1.0E+05	max	6.8E+04	N			3.7E+03	N	
Calcium cyanide					4.0E-02	i								592-01-8	2.4E+03	N	8.2E+04	N	2.7E+04	N			1.5E+03	N	
Copper cyanide					5.0E-03	i								544-92-3	3.1E+02	N	1.0E+04	N	3.4E+03	N			1.8E+02	N	
Cyanogen					4.0E-02	i								460-19-5	3.1E+03	N	8.2E+04	N	4.5E+04	N			1.5E+03	N	
Cyanogen bromide					9.0E-02	i								506-68-3	7.0E+03	N	1.0E+05	max	1.0E+05	max			3.3E+03	N	
Cyanogen chloride					5.0E-02	i								506-77-4	3.9E+03	N	1.0E+05	max	5.7E+04	N			1.8E+03	N	
Free cyanide					2.0E-02	i							2.0E+02	57-12-5	1.2E+03	N	4.1E+04	N	1.4E+04	N			7.3E+02	N	2.0E+00
Hydrogen cyanide					2.0E-02	i			8.6E-04	i	3.0E-03			74-90-8	2.5E+01	N	3.5E+01	N	3.9E+01	N	3.1E+00	N	6.2E+00	N	
Potassium cyanide					5.0E-02	i								151-50-8	3.1E+03	N	1.0E+05	max	3.4E+04	N			1.8E+03	N	
Potassium silver cyanide					2.0E-01	i								506-61-6	1.2E+04	N	1.0E+05	max	1.0E+05	max			7.3E+03	N	
Silver cyanide					1.0E-01	i								506-64-9	6.1E+03	N	1.0E+05	max	6.8E+04	N			3.7E+03	N	
Sodium cyanide					4.0E-02	i								143-33-9	2.4E+03	N	8.2E+04	N	2.7E+04	N			1.5E+03	N	
Zinc cyanide					5.0E-02	i								557-21-1	3.1E+03	N	1.0E+05	max	3.4E+04	N			1.8E+03	N	
Cyclohexane									1.7E+00	i	6.0E+00			110-82-7	1.4E+02	sat	1.4E+02	sat	1.4E+02	sat	6.3E+03	N	1.3E+04	N	
Cyclohexanone					5.0E+00	i			5.0E+00	r				108-94-1	1.0E+05	max	1.0E+05	max	1.0E+05	max	1.8E+04	N	1.8E+05	N	
Cyhalothrin/Karate					5.0E-03	i			5.0E-03	r				68085-85-8	3.1E+02	N	1.0E+04	N	3.4E+03	N	1.8E+01	N	1.8E+02	N	
Cypermethrin					1.0E-02	i			1.0E-02	r				52315-07-8	6.1E+02	N	2.0E+04	N	6.8E+03	N	3.7E+01	N	3.7E+02	N	
Dacthal					1.0E-02	i			1.0E-02	r				1861-32-1	6.1E+02	N	2.0E+04	N	6.8E+03	N	3.7E+01	N	3.7E+02	N	
Dalapon					3.0E-02	i			3.0E-02	r			2.0E+02	75-99-0	1.8E+03	N	6.1E+04	N	2.1E+04	N	1.1E+02	N	1.1E+03	N	
DDD	2.4E-01	i		B2			2.4E-01	r						72-54-8	2.4E+00	C	2.4E+01	C	1.1E+01	C	2.8E-02	C	2.8E-01	C	8.0E-01
DDE	3.4E-01	i		B2			3.4E-01	r						72-55-9	1.7E+00	C	1.7E+01	C	7.8E+00	C	2.0E-02	C	2.0E-01	C	3.0E+00
DDT	3.4E-01	i		B2	5.0E-04	i	3.4E-01	i	5.0E-04	r				50-29-3	1.7E+00	C	1.7E+01	C	7.8E+00	C	2.0E-02	C	2.0E-01	C	2.0E+00
Diazinon					9.0E-04	h			9.0E-04	r				333-41-5	5.5E+01	N	1.8E+03	N	6.2E+02	N	3.3E+00	N	3.3E+01	N	
Dibenzofuran					2.0E-03	n			2.0E-03	r				132-64-9	1.5E+02	N	2.5E+03	N	1.7E+03	N	7.3E+00	N	1.2E+01	N	

Key : i=IRIS p= PPRTV n=NCEA h=HEAST x=WITHDRAWN o=Other DOCUMENTS r=ROUTE EXTRAPOLATION Key : C=CANCER N=NONCANCER sat=SOIL SATURATION max=CEILING LIMIT

Region 6 Human Health Medium Specific Screening Levels 2007	TOXICITY INFORMATION													SCREENING LEVELS											
Contaminants	SFo 1/(mg/kg-d)	K E Y	Mutagen y for yes	CANCER CLASS	RfDo (mg/kg-d)	K E Y	SFi 1/(mg/kg-d)	K E Y	RfDi (mg/kg-d)	K E Y	RfC (mg/m3)	K E Y	MCL (ug/l)	CAS No.	Residential Soil (mg/kg)	K E Y	Industrial Indoor Worker wo permit (mg/kg)	K E Y	Industrial-Outdoor Worker Soil (mg/kg)	K E Y	Ambient Air (ug/m^3)	K E Y	Tap Water (ug/l)	K E Y	DAF 1 (mg/kg)
1,4-Dibromobenzene					1.0E-02 i				1.0E-02 r					106-37-6	6.1E+02	N	2.0E+04	N	6.8E+03	N	3.7E+01	N	3.7E+02	N	
Dibromochloromethane	8.4E-02 i			C	2.0E-02 i		8.4E-02 r		2.0E-02 r					124-48-1	1.0E+00	C	2.4E+00	C	2.6E+00	C	8.0E-02	C	1.3E-01	C	2.0E-02
1,2-Dibromo-3-chloropropane	8.0E-01 p		y		2.0E-04 p		2.1E+01 p		5.7E-05 i		2.0E-04 i			96-12-8	2.6E-03	C	1.8E-02	C	2.0E-02	C	1.0E-04	C	2.0E-04	C	
1,2-Dibromoethane	2.0E+00 i			likely	9.0E-03 i		2.0E+00 i		2.6E-03 i					106-93-4	2.8E-02	C	6.5E-02	C	7.0E-02	C	3.4E-03	C	5.6E-03	C	
Dibutyl phthalate					1.0E-01 i				1.0E-01 r					84-74-2	6.1E+03	N	1.0E+05	max	6.8E+04	N	3.7E+02	N	3.7E+03	N	2.7E+02
Dicamba					3.0E-02 i				3.0E-02 r					1918-00-9	1.8E+03	N	6.1E+04	N	2.1E+04	N	1.1E+02	N	1.1E+03	N	
1,2-Dichlorobenzene					9.0E-02 i				6.9E-03 n		2.4E-02 n		6.0E+02	95-50-1	2.8E+02	N	3.7E+02	sat	3.7E+02	sat	2.5E+01	N	4.9E+01	N	9.0E-01
1,3-Dichlorobenzene					3.0E-03 n				2.3E-03 n		8.0E-03 n			541-73-1	6.9E+01	N	1.3E+02	N	1.4E+02	N	8.3E+00	N	1.4E+01	N	
1,4-Dichlorobenzene	2.4E-02 h				3.0E-02 n		2.4E-02 r		2.3E-01 i		8.0E-01 i		7.5E+01	106-46-7	3.2E+00	C	7.5E+00	C	8.1E+00	C	2.8E-01	C	4.7E-01	C	1.0E-01
3,3-Dichlorobenzidine	4.5E-01 i			B2			4.5E-01 r							91-94-1	1.1E+00	C	1.3E+01	C	4.3E+00	C	1.5E-02	C	1.5E-01	C	3.0E-04
1,4-Dichloro-2-butene	9.3E+00 r						9.3E+00 h							764-41-0	7.9E-03	C	1.8E-02	C	2.0E-02	C	7.2E-04	C	1.2E-03	C	
Dichlorodifluoromethane					2.0E-01 i				5.7E-02 h					75-71-8	9.4E+01	N	3.1E+02	N	3.4E+02	sat	2.1E+02	N	3.9E+02	N	
1,1-Dichloroethane					2.0E-01 p				2.0E-01 r					75-34-3	8.5E+02	N	2.3E+03	sat	2.3E+03	sat	7.3E+02	N	1.2E+03	N	1.0E+00
1,2-Dichloroethane (EDC)	9.1E-02 i			B2	2.0E-02 n		9.1E-02 i		1.4E-03 n				5.0E+00	107-06-2	3.5E-01	C	7.7E-01	C	8.4E-01	C	7.4E-02	C	1.2E-01	C	1.0E-03
1,1-Dichloroethylene					5.0E-02 i				5.7E-02 i		2.0E-01 i		7.0E+00	75-35-4	2.8E+02	N	4.3E+02	N	4.7E+02	N	2.1E+02	N	3.4E+02	N	3.0E-03
1,2-Dichloroethylene (cis)					1.0E-02 p				1.0E-02 r				7.0E+01	156-59-2	4.3E+01	N	1.5E+02	N	1.6E+02	N	3.7E+01	N	6.1E+01	N	2.0E-02
1,2-Dichloroethylene (trans)					2.0E-02 i				1.7E-02 p		6.0E-02 p		1.0E+02	156-60-5	1.2E+02	N	1.8E+02	N	2.0E+02	N	6.3E+01	N	1.1E+02	N	3.0E-02
2,4-Dichlorophenol					3.0E-03 i				3.0E-03 r					120-83-2	1.8E+02	N	6.1E+03	N	2.1E+03	N	1.1E+01	N	1.1E+02	N	5.0E-02
4-(2,4-Dichlorophenoxy)butyric Acid (2,4-DB)					8.0E-03 i				8.0E-03 r					94-82-6	4.9E+02	N	1.6E+04	N	5.5E+03	N	2.9E+01	N	2.9E+02	N	
2,4-Dichlorophenoxyacetic Acid (2,4-D)					1.0E-02 i				1.0E-02 r				7.0E+01	94-75-7	6.9E+02	N	2.0E+04	N	8.5E+03	N	3.7E+01	N	3.7E+02	N	
1,2-Dichloropropane	6.8E-02 h				1.1E-03 r		6.8E-02 r		1.1E-03 i				5.0E+00	78-87-5	3.5E-01	C	7.7E-01	C	8.5E-01	C	9.9E-02	C	1.6E-01	C	1.0E-03
1,3-Dichloropropene	1.0E-01 i			B2	3.0E-02 i		1.4E-02 i		5.7E-03 i					542-75-6	7.0E-01	C	1.6E+00	C	1.7E+00	C	4.8E-01	C	4.0E-01	C	2.0E-04
2,3-Dichloropropanol					3.0E-03 i				3.0E-03 r					616-23-9	1.8E+02	N	6.1E+03	N	2.1E+03	N	1.1E+01	N	1.1E+02	N	
Dichlorvos	2.9E-01 i			B2	5.0E-04 i		2.9E-01 r		1.4E-04 i		5.0E-04 i			62-73-7	1.7E+00	C	2.0E+01	C	6.6E+00	C	2.3E-02	C	2.3E-01	C	
Dicofol	4.4E-01 x						4.4E-01 r							115-32-2	1.1E+00	C	1.3E+01	C	4.4E+00	C	1.5E-02	C	1.5E-01	C	
Dicyclopentadiene					8.0E-03 p				2.0E-03 p		7.0E-03 p			77-73-6	4.2E+01	N	6.2E+01	N	6.9E+01	N	7.3E+00	N	1.4E+01	N	
Dieldrin	1.6E+01 i			B2	5.0E-05 i		1.6E+01 i		5.0E-05 r					60-57-1	3.0E-02	C	3.6E-01	C	1.2E-01	C	4.2E-04	C	4.2E-03	C	2.0E-04
Diethylene glycol, monobutyl ether					1.0E-02 p				5.7E-03 p					112-34-5	6.1E+02	N	2.0E+04	N	6.8E+03	N	2.1E+01	N	3.7E+02	N	
Diethylene glycol, monoethyl ether					6.0E-02 p				8.6E-04 p					111-90-0	3.7E+03	N	1.0E+05	max	4.1E+04	N	3.1E+00	N	2.2E+03	N	
Di(2-ethylhexyl)adipate	1.2E-03 i			C	6.0E-01 i		1.2E-03 r		6.0E-01 r				4.0E+02	103-23-1	4.1E+02	C	4.8E+03	C	1.6E+03	C	5.6E+00	C	5.6E+01	C	
Diethyl phthalate					8.0E-01 i				8.0E-01 r					84-66-2	4.9E+04	N	1.0E+05	max	1.0E+05	max	2.9E+03	N	2.9E+04	N	
Diethylstilbestrol	4.7E+03 h						4.7E+03 r							56-53-1	1.0E-04	C	1.2E-03	C	4.1E-04	C	1.4E-06	C	1.4E-05	C	
Difenzoquat (Avenge)					8.0E-02 i				8.0E-02 r					43222-48-6	4.9E+03	N	1.0E+05	max	5.5E+04	N	2.9E+02	N	2.9E+03	N	
1,1-Difluoroethane					1.1E+01 r				1.1E+01 i		4.0E+01 i			75-37-6	1.0E+05	max	1.0E+05	max	1.0E+05	max	4.2E+04	N	6.9E+04	N	
Diisopropyl methylphosphonate					8.0E-02 i				8.0E-02 r					1445-75-6	4.9E+03	N	1.0E+05	max	5.5E+04	N	2.9E+02	N	2.9E+03	N	
3,3'-Dimethoxybenzidine	1.4E-02 h						1.4E-02 r							119-90-4	3.5E+01	C	4.1E+02	C	1.4E+02	C	4.8E-01	C	4.8E+00	C	
Dimethylamine					5.7E-06 r				5.7E-06 x					124-40-3	6.7E-02	N	2.5E-01	N	2.7E-01	N	2.1E-02	N	3.5E-02	N	
N-N-Dimethylaniline					2.0E-03 i				2.0E-03 r					121-69-7	1.2E+02	N	4.1E+03	N	1.4E+03	N	7.3E+00	N	7.3E+01	N	
2,4-Dimethylaniline	7.5E-01 h						7.5E-01 r							95-68-1	6.5E-01	C	7.6E+00	C	2.6E+00	C	9.0E-03	C	9.0E-02	C	
2,4-Dimethylaniline hydrochloride	5.8E-01 h						5.8E-01 r							21436-96-4	8.4E-01	C	9.9E+00	C	3.3E+00	C	1.2E-02	C	1.2E-01	C	
3,3'-Dimethylbenzidine	2.3E+00 p						2.3E+00 r							119-93-7	2.1E-01	C	2.5E+00	C	8.3E-01	C	2.9E-03	C	2.9E-02	C	
1,1-Dimethylhydrazine	2.6E+00 x						3.5E+00 x							57-14-7	1.9E-01	C	2.2E+00	C	7.4E-01	C	1.9E-03	C	2.6E-02	C	
1,2-Dimethylhydrazine	3.7E+01 x						3.7E+01 x							540-73-8	1.3E-02	C	1.5E-01	C	5.2E-02	C	1.8E-04	C	1.8E-03	C	
Dimethylphenethylamine					1.0E-03 n				1.0E-03 r					122-09-8	6.1E+01	N	2.0E+03	N	6.8E+02	N	3.7E+00	N	3.7E+01	N	
2,4-Dimethylphenol					2.0E-02 i				2.0E-02 r					105-67-9	1.2E+03	N	4.1E+04	N	1.4E+04	N	7.3E+01	N	7.3E+02	N	4.0E-01
2,6-Dimethylphenol					6.0E-04 i				6.0E-04 r					576-26-1	3.7E+01	N	1.2E+03	N	4.1E+02	N	2.2E+00	N	2.2E+01	N	
3,4-Dimethylphenol					1.0E-03 i				1.0E-03 r					95-65-8	6.1E+01	N	2.0E+03	N	6.8E+02	N	3.7E+00	N	3.7E+01	N	
Dimethyl phthalate					1.0E+01 h				1.0E+01 r					131-11-3	1.0E+05	max	1.0E+05	max	1.0E+05	max	3.7E+04	N	3.7E+05	N	
4,6-Dinitro-o-cyclohexyl phenol					2.0E-03 i				2.0E-03 r					131-89-5	1.2E+02	N	4.1E+03	N	1.4E+03	N	7.3E+00	N	7.3E+01	N	
1,2-Dinitrobenzene					1.0E-04 p				1.0E-04 r					528-29-0	6.1E+00	N	2.0E+02	N	6.8E+01	N	3.7E-01	N	3.7E+00	N	
1,3-Dinitrobenzene					1.0E-04 i				1.0E-04 r					99-65-0	6.1E+00	N	2.0E+02	N	6.8E+01	N	3.7E-01	N	3.7E+00	N	
1,4-Dinitrobenzene					1.0E-04 p				1.0E-04 r					100-25-4	6.1E+00	N	2.0E+02	N	6.8E+01	N	3.7E-01	N	3.7E+00	N	
2,4-Dinitrophenol					2.0E-03 i				2.0E-03 r					51-28-5	1.2E+02	N	4.1E+03	N	1.4E+03	N	7.3E+00	N	7.3E+01	N	1.0E-02
Dinitrotoluene mixture	6.8E-01 i			B2			6.8E-01 r							25321-14-6	7.2E-01	C	8.4E+00	C	2.8E+00	C	9.9E-03	C	9.9E-02	C	4.0E-05
2,4-Dinitrotoluene					2.0E-03 i				2.0E-03 r					121-14-2	1.2E+02	N	4.1E+03	N	1.4E+03	N	7.3E+00	N	7.3E+01	N	4.0E-05
2,6-Dinitrotoluene					1.0E-03 p				1.0E-03 r					606-20-2	6.1E+01	N	2.0E+03	N	6.8E+02	N	3.7E+00	N	3.7E+01	N	3.0E-05
Dinoseb					1.0E-03 i				1.0E-03 r				7.0E+00	88-85-7	6.1E+01	N	2.0E+03	N	6.8E+02	N	3.7E+00	N	3.7E+01	N	
di-n-Octyl phthalate														117-84-0											1.0E+04
1,4-Dioxane	1.1E-02 i			B2			1.1E-02 r		.					123-91-1	4.4E+01	C	5.2E+02	C	1.7E+02	C	6.1E-01	C	6.1E+00	C	
Dioxin (2,3,7,8-TCDD)	1.5E+05 h						1.5E+05 h							1746-01-6	3.9E-06	C	3.8E-05	C	1.8E-05	C	4.5E-08	C	4.5E-07	C	
Diphenylamine					2.5E-02 i				2.5E-02 r					122-39-4	1.5E+03	N	5.1E+04	N	1.7E+04	N	9.1E+01	N	9.1E+02	N	
1,2-Diphenylhydrazine	8.0E-01 i			B2			7.7E-01 i							122-66-7	6.1E-01	C	7.2E+00	C	2.4E+00	C	8.7E-03	C	8.4E-02	C	
Diphenyl sulfone					3.0E-03 p				3.0E-03 r					127-63-9	1.8E+02	N	6.1E+03	N	2.1E+03	N	1.1E+01	N	1.1E+02	N	
Diquat					2.2E-03 i				2.2E-03 r				2.0E+01	85-00-7	1.3E+02	N	4.5E+03	N	1.5E+03	N	8.0E+00	N	8.0E+01	N	
Disulfoton					4.0E-05 i				4.0E-05 r					298-04-4	2.4E+00	N	8.2E+01	N	2.7E+01	N	1.5E-01	N	1.5E+00	N	

Key : i=IRIS p= PPRTV n=NCEA h=HEAST x=WITHDRAWN o=Other DOCUMENTS r=ROUTE EXTRAPOLATION Key : C=CANCER N=NONCANCER sat=SOIL SATURATION max=CEILING LIMIT

Region 6 Human Health Medium Specific Screening Levels 2007	TOXICITY INFORMATION												SCREENING LEVELS											
Contaminants	SFo 1/(mg/kg-d)	K E Y	Mutagen y for yes	CANCER CLASS	RfDo (mg/kg-d)	K E Y	SFi 1/(mg/kg-d)	K E Y	RfDi (mg/kg-d)	K E Y	RfC (mg/m3)	K E Y	MCL (ug/l)	CAS No.	Residential Soil (mg/kg)	K E Y	Industrial Indoor Worker w/o Dermal (mg/kg)	K E Y	Industrial-Outdoor Worker Soil (mg/kg)	K E Y	Ambient Air (ug/m^3)	K E Y	Tap Water (ug/l)	K E Y	DAF 1 (mg/kg)
1,4-Dithiane					1.0E-02	i			1.0E-02	r				505-29-3	6.1E+02	N	2.0E+04	N	6.8E+03	N	3.7E+01	N	3.7E+02	N	
Diuron					2.0E-03	i			2.0E-03	r				330-54-1	1.2E+02	N	4.1E+03	N	1.4E+03	N	7.3E+00	N	7.3E+01	N	
Endosulfan					6.0E-03	i			6.0E-03	r				115-29-7	3.7E+02	N	1.2E+04	N	4.1E+03	N	2.2E+01	N	2.2E+02	N	9.0E-01
Endothall					2.0E-02	i			2.0E-02	r			1.0E+02	145-73-3	1.2E+03	N	4.1E+04	N	1.4E+04	N	7.3E+01	N	7.3E+02	N	
Endrin					3.0E-04	i			3.0E-04	r			2.0E+00	72-20-8	1.8E+01	N	6.1E+02	N	2.1E+02	N	1.1E+00	N	1.1E+01	N	5.0E-02
Epichlorohydrin	9.9E-03	i		B2	6.0E-03	p	4.2E-03	i	2.9E-04	i				106-89-8	7.8E+00	N	2.6E+01	N	2.9E+01	N	1.0E+00	N	2.1E+00	N	
Ethion					5.0E-04	i			5.0E-04	r				563-12-2	3.1E+01	N	1.0E+03	N	3.4E+02	N	1.8E+00	N	1.8E+01	N	
2-Ethoxyethanol					4.0E-01	h			5.7E-02	i	2.0E-01	i		110-80-5	2.4E+04	N	1.0E+05	max	1.0E+05	max	2.1E+02	N	1.5E+04	N	
2-Ethoxyethanol acetate					3.0E-01	h			3.0E-01	r				111-15-9	1.8E+04	N	1.0E+05	max	1.0E+05	max	1.1E+03	N	1.1E+04	N	
Ethyl acetate					9.0E-01	i			9.0E-01	r				141-78-6	1.9E+04	N	3.7E+04	sat	3.7E+04	sat	3.3E+03	N	5.5E+03	N	
Ethylbenzene					1.0E-01	i			2.9E-01	i	1.0E+00	i	7.0E+02	100-41-4	2.3E+02	sat	2.3E+02	sat	2.3E+02	sat	1.1E+03	N	1.3E+03	N	7.0E-01
Ethyl chloride	2.9E-03	n			4.0E-01	n	2.9E-03	r	2.9E+00	i	1.0E+01	i		75-00-3	3.0E+00	C	6.5E+00	C	7.2E+00	C	2.3E+00	C	3.9E+00	C	
Ethylene diamine					9.0E-02	p			9.0E-02	r				107-15-3	5.5E+03	N	1.0E+05	max	6.2E+04	N	3.3E+02	N	3.3E+03	N	
Ethylene glycol					2.0E+00	i			2.0E+00	r				107-21-1	1.0E+05	max	1.0E+05	max	1.0E+05	max	7.3E+03	N	7.3E+04	N	
Ethylene glycol, monobutyl ether					5.0E-01	i					1.3E+01	i		111-76-2	3.1E+04	N	1.0E+05	max	1.0E+05	max			1.8E+04	N	
Ethylene oxide	1.0E+00	h					3.5E-01	h						75-21-8	1.4E-01	C	3.6E-01	C	3.8E-01	C	1.9E-02	C	2.4E-02	C	
Ethylene thiourea (ETU)	1.1E-01	h			8.0E-05	i	1.1E-01	r	8.0E-05	r				96-45-7	4.4E+00	C	5.2E+01	C	1.7E+01	C	6.1E-02	C	6.1E-01	C	
Ethyl ether					2.0E-01	i			2.0E-01	r				60-29-7	1.8E+03	sat	1.8E+03	sat	1.8E+03	sat	7.3E+02	N	1.2E+03	N	
Ethyl methacrylate					9.0E-02	h			9.0E-02	r				97-63-2	1.4E+02	sat	1.4E+02	sat	1.4E+02	sat	3.3E+02	N	5.5E+02	N	
Fenamiphos					2.5E-04	i			2.5E-04	r				22224-92-6	1.5E+01	N	5.1E+02	N	1.7E+02	N	9.1E-01	N	9.1E+00	N	
Fluometuron					1.3E-02	i			1.3E-02	r				2164-17-2	7.9E+02	N	2.7E+04	N	8.9E+03	N	4.7E+01	N	4.7E+02	N	
Fluoride					6.0E-02	i							4.0E+03	16984-48-8	3.7E+03	N	1.0E+05	max	4.1E+04	N			2.2E+03	N	
Fomesafen	1.9E-01	i		C			1.9E-01	r						72178-02-0	2.6E+00	C	3.0E+01	C	1.0E+01	C	3.5E-02	C	3.5E-01	C	
Fonofos					2.0E-03	i			2.0E-03	r				944-22-9	1.2E+02	N	4.1E+03	N	1.4E+03	N	7.3E+00	N	7.3E+01	N	
Formaldehyde	4.60E-02	r			1.5E-01	i	4.6E-02	i	1.5E-01	r				50-00-0	1.1E+01	C	1.2E+02	C	4.2E+01	C	1.5E-01	C	1.5E+00	C	
Formic Acid					2.0E+00	h			8.6E-04	p				64-18-6	1.0E+05	max	1.0E+05	max	1.0E+05	max	3.1E+00	N	7.3E+04	N	
Furan					1.0E-03	i			1.0E-03	r				110-00-9	2.5E+00	N	8.6E+00	N	9.5E+00	N	3.7E+00	N	6.1E+00	N	
Furazolidone	3.8E+00	h					3.8E+00	r						67-45-8	1.3E-01	C	1.5E+00	C	5.0E-01	C	1.8E-03	C	1.8E-02	C	
Furfural					3.0E-03	i			1.4E-02	h				98-01-1	1.8E+02	N	6.1E+03	N	2.1E+03	N	5.2E+01	N	1.1E+02	N	
Glycidaldehyde					4.0E-04	i			2.9E-04	h				765-34-4	2.4E+01	N	8.2E+02	N	2.7E+02	N	1.0E+00	N	1.5E+01	N	
Glyphosate					1.0E-01	i			1.0E-01	r			7.0E+02	1071-83-6	6.1E+03	N	1.0E+05	max	6.8E+04	N	3.7E+02	N	3.7E+03	N	
HMX					5.0E-02	i			5.0E-02	r				2691-41-0	3.1E+03	N	1.0E+05	max	3.4E+04	N	1.8E+02	N	1.8E+03	N	
Heptachlor	4.5E+00	i		B2	5.0E-04	i	4.6E+00	i	5.0E-04	r			1.0E-01	76-44-8	1.1E-01	C	1.3E+00	C	4.3E-01	C	1.5E-03	C	1.5E-02	C	1.0E+00
Heptachlor epoxide	9.1E+00	i		B2	1.3E-05	i	9.1E+00	i	1.3E-05	r			2.0E-01	1024-57-3	5.3E-02	C	6.3E-01	C	2.1E-01	C	7.4E-04	C	7.4E-03	C	3.0E-02
Hexabromobenzene					2.0E-03	i			2.0E-03	r				87-82-1	1.2E+02	N	4.1E+03	N	1.4E+03	N	7.3E+00	N	7.3E+01	N	
Hexachlorobenzene	1.6E+00	i		B2	8.0E-04	i	1.6E+00	i	8.0E-04	r			1.0E+00	118-74-1	3.0E-01	C	3.6E+00	C	1.2E+00	C	4.2E-03	C	4.2E-02	C	1.0E-01
Hexachlorobutadiene	7.8E-02	i		C	2.0E-04	h	7.7E-02	i	2.0E-04	r				87-68-3	6.2E+00	C	7.3E+01	C	2.5E+01	C	8.7E-02	C	8.6E-01	C	1.0E-01
HCH (alpha)	6.3E+00	i		B2			6.3E+00	i						319-84-6	9.0E-02	C	9.1E-01	C	4.0E-01	C	1.1E-03	C	1.1E-02	C	3.0E-05
HCH (beta)	1.8E+00	i		C			1.8E+00	i						319-85-7	3.2E-01	C	3.2E+00	C	1.4E+00	C	3.7E-03	C	3.7E-02	C	1.0E-04
HCH (gamma) Lindane	1.3E+00	h			3.0E-04	i	1.3E+00	r	3.0E-04	r			2.0E-01	58-89-9	4.4E-01	C	4.4E+00	C	1.9E+00	C	5.2E-03	C	5.2E-02	C	5.0E-04
HCH-technical	1.8E+00	i		B2			1.8E+00	i						608-73-1	3.2E-01	C	3.2E+00	C	1.4E+00	C	3.8E-03	C	3.7E-02	C	1.0E-04
Hexachlorocyclopentadiene					6.0E-03	i			5.7E-05	i			5.0E+01	77-47-4	3.7E+02	N	1.2E+04	N	4.1E+03	N	2.1E-01	N	2.2E+02	N	2.0E+01
Hexachlorodibenzo-p-dioxin mixture	6.2E+03	i		B2			4.6E+03	i						19408-74-3	7.8E-05	C	9.2E-04	C	3.1E-04	C	1.5E-06	C	1.1E-05	C	
Hexachloroethane	1.4E-02	i		C	1.0E-03	i	1.4E-02	i	1.0E-03	r				67-72-1	3.5E+01	C	4.1E+02	C	1.4E+02	C	4.8E-01	C	4.8E+00	C	2.0E-02
Hexachlorophene					3.0E-04	i			3.0E-04	r				70-30-4	1.8E+01	N	6.1E+02	N	2.1E+02	N	1.1E+00	N	1.1E+01	N	
Hexahydro-1,3,5-trinitro-1,3,5-triazin	1.1E-01	i		C	3.0E-03	i	1.1E-01	r	3.0E-03	r				121-82-4	4.4E+00	C	5.2E+01	C	1.7E+01	C	6.1E-02	C	6.1E-01	C	
1,6-Hexamethylene diisocyanate					2.9E-06	r			2.9E-06	i				822-06-0	1.7E-01	N	5.8E+00	N	2.0E+00	N	1.0E-02	N	1.0E-01	N	
n-Hexane					1.1E+01	p			2.0E-01	i	7.0E-01	i		110-54-3	1.1E+02	sat	1.1E+02	sat	1.1E+02	sat	7.3E+02	N	1.5E+03	N	
Hexazinone					3.3E-02	i			3.3E-02	r				51235-04-2	2.0E+03	N	6.7E+04	N	2.3E+04	N	1.2E+02	N	1.2E+03	N	
Hydrazine, hydrazine sulfate	3.0E+00	i		B2			1.7E+01	i						302-01-2	1.6E-01	C	1.9E+00	C	6.4E-01	C	3.9E-04	C	2.2E-02	C	
Hydrogen chloride									5.7E-03	i				7647-01-0	1.0E+05	max	1.0E+05	max	1.0E+05	max	2.1E+01	N			
Hydrogen sulfide					3.0E-03	i			5.7E-04	i				7783-06-4	1.8E+02	N	6.1E+03	N	2.1E+03	N	2.1E+00	N	1.1E+02	N	
p-Hydroquinone	5.6E-02	p			4.0E-02	p	5.6E-02	r	4.0E-02	r				123-31-9	8.7E+00	C	1.0E+02	C	3.4E+01	C	1.2E-01	C	1.2E+00	C	
Iron					7.0E-01	p								7439-89-6	5.5E+04	N	1.0E+05	max	1.0E+05	max			2.6E+04	N	
Isobutanol					3.0E-01	i			3.0E-01	r				78-83-1	1.3E+04	N	4.0E+04	sat	4.0E+04	sat	1.1E+03	N	1.8E+03	N	
Isophorone	9.5E-04	i		C	2.0E-01	i	9.5E-04	r	2.0E-01	r				78-59-1	5.1E+02	C	6.0E+03	C	2.0E+03	C	7.1E+00	C	7.1E+01	C	3.0E-02
Isopropalin					1.5E-02	i			1.5E-02	r				33820-53-0	9.2E+02	N	3.1E+04	N	1.0E+04	N	5.5E+01	N	5.5E+02	N	
Isopropyl methyl phosphonic acid					1.0E-01	i			1.0E-01	r				1832-54-8	6.1E+03	N	1.0E+05	max	6.8E+04	N	3.7E+02	N	3.7E+03	N	
Kepone	8.0E+00	p			2.0E-04	p								143-50-0	6.1E-02	C	7.2E-01	C	2.4E-01	C			8.4E-03	C	
Lead	Screening Levels Based on EPA Models, IEUBK (1994) and TRW (1996), Tap Water # = M(												1.5E+01	7439-92-1	4.0E+02		8.0E+02		8.0E+02				1.5E+01		
Lead (tetraethyl)					1.0E-07	i								78-00-2	6.1E-03	N	2.0E-01	N	6.8E-02	N			3.7E-03	N	
Lithium					2.0E-02	x								7439-93-2	1.6E+03	N	4.1E+04	N	2.3E+04	N			7.3E+02	N	
Malathion					2.0E-02	i			2.0E-02	r				121-75-5	1.2E+03	N	4.1E+04	N	1.4E+04	N	7.3E+01	N	7.3E+02	N	
Maleic anhydride					1.0E-01	i			1.0E-01	r				108-31-6	6.1E+03	N	1.0E+05	max	6.8E+04	N	3.7E+02	N	3.7E+03	N	
Manganese and compounds					4.7E-02	i			1.4E-05	i				7439-96-5	3.2E+03	N	4.7E+04	N	3.5E+04	N	5.1E-02	N	1.7E+03	N	

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Contaminants	SFo f(mg/kg-d)	K E Y	Mutagen y for yes	CANCER CLASS	RfDo (mg/kg-d)	K E Y	SFi f(mg/kg-d)	K E Y	RfDi (mg/kg-d)	K E Y	RfC (mg/m3)	K E Y	MCL (ug/l)	CAS No.	Residential Soil (mg/kg)	K E Y	Industrial Indoor Worker w/o Dermal (mg/kg)	K E Y	Industrial Outdoor Worker Soil (mg/kg)	K E Y	Ambient Air (ug/m^3)	K E Y	Tap Water (ug/l)	K E Y	DAF 1 (mg/kg)
Mephosfolan					9.0E-05	h			9.0E-05	r				950-10-7	5.5E+00	N	1.8E+02	N	6.2E+01	N	3.3E-01	N	3.3E+00	N	
Mepiquat					3.0E-02	i			3.0E-02	r				24307-26-4	1.8E+03	N	6.1E+04	N	2.1E+04	N	1.1E+02	N	1.1E+03	N	
2-Mercaptobenzothiazole	2.9E-02	n			1.0E-01	n	2.9E-02	r	1.0E-01	r				149-30-4	1.7E+01	C	2.0E+02	C	6.6E+01	C	2.3E-01	C	2.3E+00	C	
Mercury and compounds					3.0E-04	i							2.0E+00	7487-94-7	2.3E+01	N	6.1E+02	N	3.4E+02	N			1.1E+01	N	
Mercury (elemental)									8.6E-05	i	3.0E-04	i		7439-97-6							3.1E-01	N	6.3E-01	N	1.0E-01
Mercury (methyl)					1.0E-04	i								22967-92-6	6.1E+00	N	2.0E+02	N	6.8E+01	N			3.7E+00	N	
Methacrylonitrile					1.0E-04	i			2.0E-04	h				126-98-7	2.1E+00	N	8.8E+00	N	9.3E+00	N	7.3E-01	N	1.0E+00	N	
Methanol					5.0E-01	i			5.0E-01	r				67-56-1	3.1E+04	N	1.0E+05	max	1.0E+05	max	1.8E+03	N	1.8E+04	N	
Methidathion					1.0E-03	i			1.0E-03	r				950-37-8	6.1E+01	N	2.0E+03	N	6.8E+02	N	3.7E+00	N	3.7E+01	N	
Methoxychlor					5.0E-03	i			5.0E-03	r			4.0E+01	72-43-5	3.1E+02	N	1.0E+04	N	3.4E+03	N	1.8E+01	N	1.8E+02	N	8.0E+00
Methyl acetate					1.0E+00	h			1.0E+00	r				79-20-9	2.2E+04	N	9.6E+04	N	1.0E+05	max	3.7E+03	N	6.1E+03	N	
Methyl acrylate					3.0E-02	h			3.0E-02	r				96-33-3	7.0E+01	N	2.3E+02	N	2.6E+02	N	1.1E+02	N	1.8E+02	N	
2-Methylaniline (o-toluidine)	2.4E-01	h					2.4E-01	r						95-53-4	2.0E+00	C	2.4E+01	C	8.0E+00	C	2.8E-02	C	2.8E-01	C	
2-Methyl-4-chlorophenoxyacetic acid					5.0E-04	i			5.0E-04	r				94-74-6	3.1E+01	N	1.0E+03	N	3.4E+02	N	1.8E+00	N	1.8E+01	N	
4-(2-Methyl-4-chlorophenoxy) butyric acid (MC					1.0E-02	i			1.0E-02	r				94-81-5	6.1E+02	N	2.0E+04	N	6.8E+03	N	3.7E+01	N	3.7E+02	N	
2-(2-Methyl-4-chlorophenoxy) propionic acid					1.0E-03	i			1.0E-03	r				93-65-2	6.1E+01	N	2.0E+03	N	6.8E+02	N	3.7E+00	N	3.7E+01	N	
2-(2-Methyl-1,4-chlorophenoxy) propionic acic					1.0E-03	i			1.0E-03	r				16484-77-8	6.1E+01	N	2.0E+03	N	6.8E+02	N	3.7E+00	N	3.7E+01	N	
Methylcyclohexane					8.6E-01	r			8.6E-01	h				108-87-2	1.4E+02	sat	1.4E+02	sat	1.4E+02	sat	3.1E+03	N	5.2E+03	N	
4,4'-Methylene bis(2-chloroaniline)	1.0E-01	p	y		2.0E-03	p	1.3E-01	h	7.0E-04	r				101-14-4	1.2E+00	C	5.7E+01	C	1.9E+01	C	1.7E-02	C	2.2E-01	C	
4,4'-Methylene bis(N,N'-dimethyl)ani	4.6E-02	i		B2			4.6E-02	r						101-61-1	1.1E+01	C	1.2E+02	C	4.2E+01	C	1.5E-01	C	1.5E+00	C	
Methylene bromide					1.0E-02	h			1.0E-02	r				74-95-3	1.4E+02	N	5.5E+02	N	5.9E+02	N	3.7E+01	N	6.1E+01	N	
Methylene chloride	7.5E-03	i		B2	6.0E-02	i	1.6E-03	i	8.6E-01	h			5.0E+00	75-09-2	8.9E+00	C	2.1E+01	C	2.2E+01	C	4.1E+00	C	4.3E+00	C	1.0E-03
4,4'-Methylenediphenyl isocyanate					1.7E-04	r			1.7E-04	i				101-68-8	1.0E+01	N	3.5E+02	N	1.2E+02	N	6.2E-01	N	6.2E+00	N	
Methyl ethyl ketone					6.0E-01	i			1.4E+00	i	5.0E+00	i		78-93-3	3.2E+04	N	3.4E+04	sat	3.4E+04	sat	5.2E+03	N	7.1E+03	N	
Methyl hydrazine	1.1E+00	h					1.1E+00	r						60-34-4	4.4E-01	C	5.2E+00	C	1.7E+00	C	6.1E-03	C	6.1E-02	C	
Methyl isobutyl ketone					8.0E-02	h			8.6E-01	i	3.0E+00	i		108-10-1	5.8E+03	N	1.7E+04	sat	1.7E+04	sat	3.1E+03	N	2.0E+03	N	
Methyl mercaptan					5.7E-04	r			5.7E-04	n	2.0E-03	n		74-93-1	3.5E+01	N	1.2E+03	N	3.9E+02	N	2.1E+00	N	2.1E+01	N	
Methyl methacrylate					1.4E+00	i			2.0E-01	i				80-62-6	2.2E+03	N	2.7E+03	sat	2.7E+03	sat	7.3E+02	N	1.4E+03	N	
2-Methyl-5-nitroaniline	3.3E-02	h					3.3E-02	r						99-55-8	1.5E+01	C	1.7E+02	C	5.8E+01	C	2.0E-01	C	2.0E+00	C	
Methyl parathion					2.5E-04	i			2.5E-04	r				298-00-0	1.5E+01	N	5.1E+02	N	1.7E+02	N	9.1E-01	N	9.1E+00	N	
2-Methylphenol					5.0E-02	x			5.0E-02	r				95-48-7	3.1E+03	N	1.0E+05	max	3.4E+04	N	1.8E+02	N	1.8E+03	N	8.0E-01
3-Methylphenol					5.0E-02	x			5.0E-02	r				108-39-4	3.1E+03	N	1.0E+05	max	3.4E+04	N	1.8E+02	N	1.8E+03	N	
4-Methylphenol					5.0E-03	h			5.0E-03	r				106-44-5	3.1E+02	N	1.0E+04	N	3.4E+03	N	1.8E+01	N	1.8E+02	N	
Methyl phosphonic acid					2.0E-02	p			2.0E-02	r				993-13-5	1.2E+03	N	4.1E+04	N	1.4E+04	N	7.3E+01	N	7.3E+02	N	
Methyl styrene (mixture)					6.0E-03	h			1.1E-02	h				25013-15-4	1.3E+02	N	5.6E+02	N	6.0E+02	N	4.2E+01	N	6.0E+01	N	
Methyl styrene (alpha)					7.0E-02	h			7.0E-02	r				98-83-9	6.8E+02	sat	6.8E+02	sat	6.8E+02	sat	2.6E+02	N	4.3E+02	N	
Methyl tertbutyl ether (MTBE)	1.8E-03	o			8.6E-01	r	9.1E-04	o	8.6E-01	i	3.0E+00	i		1634-04-4	3.2E+01	C	7.2E+01	C	7.9E+01	C	7.4E+00	C	1.1E+01	C	
Metolaclor (Dual)					1.5E-01	i			1.5E-01	r				51218-45-2	9.2E+03	N	1.0E+05	max	1.0E+05	max	5.5E+02	N	5.5E+03	N	
Mirex	1.8E+00	h			2.0E-04	i	1.8E+00	r	2.0E-04	r				2385-85-5	2.7E-01	C	3.2E+00	C	1.1E+00	C	3.7E-03	C	3.7E-02	C	
Molybdenum					5.0E-03	i								7439-98-7	3.9E+02	N	1.0E+04	N	5.7E+03	N			1.8E+02	N	
Monochloramine					1.0E-01	h			1.0E-01	h				10599-90-3	6.1E+03	N	1.0E+05	max	6.8E+04	N	3.7E+02	N	3.7E+03	N	
Naled					2.0E-03	i			2.0E-03	r				300-76-5	1.2E+02	N	4.1E+03	N	1.4E+03	N	7.3E+00	N	7.3E+01	N	
Nickel and compounds					2.0E-02	i								7440-02-0	1.6E+03	N	4.1E+04	N	2.3E+04	N			7.3E+02	N	7.0E+00
Nickel refinery dust				A			8.4E-01	i						n/a	1.1E+04	C	2.2E+04	C	2.5E+04	C	8.0E-03	C			
Nickel subsulfide				A			1.7E+00	i						12035-72-2	5.2E+03	C	1.1E+04	C	1.2E+04	C	4.0E-03	C			
Nitrate	Tap Water Screening Level Based on Infant NOAEL (see IRIS)												1.0E+04	14797-55-8									1.0E+04		
Nitric Oxide					1.0E-01	x								10102-43-9	6.1E+03	N	1.0E+05	max	6.8E+04	N			3.7E+03	N	
Nitrite	Tap Water Screening Level Based on Infant NOAEL (see IRIS)												1.0E+03	14797-65-0									1.0E+03		
2-Nitroaniline					3.0E-03	p			2.9E-05	p				88-74-4	1.8E+02	N	5.9E+03	N	2.0E+03	N	1.0E-01	N	1.1E+02	N	
Nitrobenzene					5.0E-04	i			5.7E-04	h				98-95-3	2.0E+01	N	1.1E+02	N	1.1E+02	N	2.1E+00	N	3.4E+00	N	7.0E-03
Nitrofurantoin					7.0E-02	h			7.0E-02	r				67-20-9	4.3E+03	N	1.0E+05	max	4.8E+04	N	2.6E+02	N	2.6E+03	N	
Nitrofurazone	1.5E+00	h					9.4E+00	h						59-87-0	3.2E-01	C	3.8E+00	C	1.3E+00	C	7.2E-04	C	4.5E-02	C	
Nitrogen dioxide					1.0E+00	x								10102-44-0	6.1E+04	N	1.0E+05	max	1.0E+05	max			3.7E+04	N	
4-Nitrophenol					8.0E-03	n			8.0E-03	r				100-02-7	4.9E+02	N	1.6E+04	N	5.5E+03	N	2.9E+01	N	2.9E+02	N	
2-Nitropropane	9.4E+00	r			5.7E-03	r	9.4E+00	h	5.7E-03	i	2.0E-02	i		79-46-9	6.8E-02	C	6.1E-01	C	3.4E-01	C	7.2E-04	C	1.2E-03	C	
N-Nitrosodi-n-butylamine	5.4E+00	i		B2			5.6E+00	i						924-16-3	2.4E-02	C	6.2E-02	C	6.5E-02	C	1.2E-03	C	2.0E-03	C	
N-Nitrosodiethanolamine	2.8E+00	i		B2			2.8E+00	r						1116-54-7	1.7E-01	C	2.0E+00	C	6.8E-01	C	2.4E-03	C	2.4E-02	C	
N-Nitrosodiethylamine	1.5E+02	i	y	B2			1.5E+02	i						55-18-5	7.7E-04	C	3.8E-02	C	1.3E-02	C	1.4E-05	C	1.4E-04	C	
N-Nitrosodimethylamine	5.1E+01	i	y	B2	8.0E-06	p	4.9E+01	i						62-75-9	2.3E-03	C	1.1E-01	C	3.8E-02	C	4.4E-05	C	4.2E-04	C	
N-Nitrosodiphenylamine	4.9E-03	i		B2	2.0E-02	p	4.9E-03	r						86-30-6	9.9E+01	C	1.2E+03	C	3.9E+02	C	1.4E+00	C	1.4E+01	C	6.0E-02
N-Nitroso di-n-propylamine	7.0E+00	i		B2			7.0E+00	r						621-64-7	6.9E-02	C	8.2E-01	C	2.7E-01	C	9.6E-04	C	9.6E-03	C	2.0E-06
N-Nitroso-N-methylethylamine	2.2E+01	i		B2			2.2E+01	r						10595-95-6	2.2E-02	C	2.6E-01	C	8.7E-02	C	3.1E-04	C	3.1E-03	C	
N-Nitrosopyrrolidine	2.1E+00	i		B2			2.1E+00	i						930-55-2	2.3E-01	C	2.7E+00	C	9.1E-01	C	3.1E-03	C	3.2E-02	C	
m-Nitrotoluene					2.0E-02	p			2.0E-02	r				99-08-1	1.6E+03	N	4.1E+04	N	2.3E+04	N	7.3E+01	N	1.2E+02	N	
o-Nitrotoluene	2.3E-01	p			1.0E-02	h								88-72-2	2.8E+00	C	2.5E+01	C	1.4E+01	C			2.9E-01	C	

Key : i=IRIS p= PPRTV n=NCEA h=HEAST x=WITHDRAWN o=Other DOCUMENTS r=ROUTE EXTRAPOLATION Key : C=CANCER N=NONCANCER sat=SOIL SATURATION max=CEILING LIMIT

Region 6 Human Health Medium Specific Screening Levels 2007	TOXICITY INFORMATION													SCREENING LEVELS										
Contaminants	SFo 1/(mg/kg-d)	K E Y	Mutagen y for yes	CANCER CLASS	RfDo (mg/kg-d)	K E Y	SFi 1/(mg/kg-d)	K E Y	RfDi (mg/kg-d)	K E Y	RfC (mg/m3)	K E Y	MCL (ug/l)	CAS No.	Residential Soil (mg/kg)	K E Y	Industrial Indoor Worker w/o vol max (mg/kg)	K E Y	Industrial-Outdoor Worker Soil (mg/kg)	K E Y	Ambient Air (ug/m^3)	K E Y	Tap Water (ug/l)	K E Y	DAF 1 (mg/kg)
p-Nitrotoluene	1.7E-02	p			1.0E-02	p			1.0E-02	r				99-99-0	3.8E+01	c	3.4E+02	c	1.9E+02	c	3.7E+01	n	4.0E+00	c	
NuStar					7.0E-04	i			7.0E-04	r				85509-19-9	4.3E+01	N	1.4E+03	N	4.8E+02	N	2.6E+00	N	2.6E+01	N	
Octahydro-1357-tetranitro-1357- tetrazocine (H					5.0E-02	i			5.0E-02	r				2691-41-0	3.1E+03	N	1.0E+05	max	3.4E+04	N	1.8E+02	N	1.8E+03	N	
Oryzalin					5.0E-02	i			5.0E-02	r				19044-88-3	3.1E+03	N	1.0E+05	max	3.4E+04	N	1.8E+02	N	1.8E+03	N	
Oxadiazon					5.0E-03	i			5.0E-03	r				19666-30-9	3.1E+02	N	1.0E+04	N	3.4E+03	N	1.8E+01	N	1.8E+02	N	
Oxamyl					2.5E-02	i			2.5E-02	r			2.0E+02	23135-22-0	1.5E+03	N	5.1E+04	N	1.7E+04	N	9.1E+01	N	9.1E+02	N	
Oxyfluorfen					3.0E-03	i			3.0E-03	r				42874-03-3	1.8E+02	N	6.1E+03	N	2.1E+03	N	1.1E+01	N	1.1E+02	N	
Paraquat					4.5E-03	i			4.5E-03	r				4685-14-7	2.7E+02	N	9.2E+03	N	3.1E+03	N	1.6E+01	N	1.6E+02	N	
Parathion					6.0E-03	h			6.0E-03	r				56-38-2	3.7E+02	N	1.2E+04	N	4.1E+03	N	2.2E+01	N	2.2E+02	N	
Pentachlorobenzene					8.0E-04	i			8.0E-04	r				608-93-5	4.9E+01	N	1.6E+03	N	5.5E+02	N	2.9E+00	N	2.9E+01	N	
Pentachloronitrobenzene	2.6E-01	h			3.0E-03	i	2.6E-01	r	3.0E-03	r				82-68-8	1.9E+00	c	2.2E+01	c	7.4E+00	c	2.6E-02	c	2.6E-01	c	
Pentachlorophenol	1.2E-01	i		B2	3.0E-02	i	1.2E-01	r	3.0E-02	r			1.0E+00	87-86-5	3.0E+00	c	4.8E+01	c	1.0E+01	c	5.6E-02	c	5.6E-01	c	1.0E-03
Perchlorate					7.0E-04	i								7601-90-3	5.5E+01	N	1.4E+03	N	7.9E+02	N			<24.5	N	
Permethrin					5.0E-02	i			5.0E-02	r				52645-53-1	3.1E+03	N	1.0E+05	max	3.4E+04	N	1.8E+02	N	1.8E+03	N	
Phenol					3.0E-01	i								108-95-2	1.8E+04	N	1.0E+05	max	1.0E+05	max			1.1E+04	N	5.0E+00
Phenothiazine					2.0E-03	n			2.0E-03	r				92-84-2	1.2E+02	N	4.1E+03	N	1.4E+03	N	7.3E+00	N	7.3E+01	N	
m-Phenylenediamine					6.0E-03	i			6.0E-03	r				108-45-2	3.7E+02	N	1.2E+04	N	4.1E+03	N	2.2E+01	N	2.2E+02	N	
p-Phenylenediamine					1.9E-01	h			1.9E-01	r				106-50-3	1.2E+04	N	1.0E+05	max	1.0E+05	max	6.9E+02	N	6.9E+03	N	
Phenylmercuric acetate					8.0E-05	i			8.0E-05	r				62-38-4	4.9E+00	N	1.6E+02	N	5.5E+01	N	2.9E-01	N	2.9E+00	N	
2-Phenylphenol	1.9E-03	h					1.9E-03	r						90-43-7	2.5E+02	c	2.9E+03	c	9.9E+02	c	3.5E+00	c	3.5E+01	c	
Phosphine					3.0E-04	h			8.6E-05	i	3.0E-04	i		7803-51-2	1.8E+01	N	6.1E+02	N	2.1E+02	N	3.1E-01	N	1.1E+01	N	
Phosphoric acid									2.9E-03	i				7664-38-2							1.0E+01	N	2.1E+01	N	
Phosphorus (white)					2.0E-05	i								7723-14-0	1.6E+00	N	4.1E+01	N	2.3E+01	N			7.3E-01	N	
p-Phthalic acid					1.0E+00	h			1.0E+00	r				100-21-0	6.1E+04	N	1.0E+05	max	1.0E+05	max	3.7E+03	N	3.7E+04	N	
Phthalic anhydride					2.0E+00	i			3.4E-02	h				85-44-9	1.0E+05	max	1.0E+05	max	1.0E+05	max	1.2E+02	N	7.3E+04	N	
Polybrominated biphenyls	8.9E+00	h			7.0E-06	h	8.9E+00	r	7.0E-06	r					5.5E-02	c	6.4E-01	c	2.2E-01	c	7.6E-04	c	7.6E-03	c	
Polychlorinated biphenyls (PCBs)	2.0E+00	i		B2			2.0E+00	r					5.0E-01	1336-36-3	2.2E-01	c	2.9E+00	c	8.3E-01	c	3.4E-03	c	3.4E-02	c	
Aroclor 1016	7.0E-02	i		B2	7.0E-05	i	7.0E-02	i	7.0E-05	r				12674-11-2	3.9E+00	N	8.2E+01	c	2.4E+01	c	9.6E-02	c	9.6E-01	c	
Aroclor 1221	2.0E+00	i		B2			2.0E+00	i						11104-28-2	2.2E-01	c	2.9E+00	c	8.3E-01	c	3.4E-03	c	3.4E-02	c	
Aroclor 1232	2.0E+00	i		B2			2.0E+00	i						11141-16-5	2.2E-01	c	2.9E+00	c	8.3E-01	c	3.4E-03	c	3.4E-02	c	
Aroclor 1242	2.0E+00	i		B2			2.0E+00	i						53469-21-9	2.2E-01	c	2.9E+00	c	8.3E-01	c	3.4E-03	c	3.4E-02	c	
Aroclor 1248	2.0E+00	i		B2			2.0E+00	i						12672-29-6	2.2E-01	c	2.9E+00	c	8.3E-01	c	3.4E-03	c	3.4E-02	c	
Aroclor 1254	2.0E+00	i		B2	2.0E-05	i	2.0E+00	i	2.0E-05	r				11097-69-1	2.2E-01	c	2.9E+00	c	8.3E-01	c	3.4E-03	c	3.4E-02	c	
Aroclor 1260	2.0E+00	i		B2			2.0E+00	i						11096-82-5	2.2E-01	c	2.9E+00	c	8.3E-01	c	3.4E-03	c	3.4E-02	c	
Polynuclear aromatic hydrocarbons																									
Acenaphthene					6.0E-02	i			6.0E-02	r				83-32-9	3.7E+03	N	3.8E+04	N	3.3E+04	N	2.2E+02	N	3.7E+02	N	2.9E+01
Anthracene					3.0E-01	i			3.0E-01	r				120-12-7	2.2E+04	N	1.0E+05	max	1.0E+05	max	1.1E+03	N	1.8E+03	N	5.9E+02
Benz[a]anthracene	7.3E-01	n	y				3.1E-01	n						56-55-3	1.5E-01	c	7.8E+00	c	2.3E+00	c	6.9E-03	c	2.9E-02	c	8.0E-02
Benzo[b]fluoranthene	7.3E-01	n	y	B2			3.1E-01	n						205-99-2	1.5E-01	c	7.8E+00	c	2.3E+00	c	6.9E-03	c	2.9E-02	c	2.0E-01
Benzo[k]fluoranthene	7.3E-02	n	y	B2			3.1E-02	n						207-08-9	1.5E+00	c	7.8E+01	c	2.3E+01	c	6.9E-02	c	2.9E-01	c	2.0E+00
Benzo[a]pyrene	7.3E+00	i	y	B2			3.1E+00	n					2.0E-01	50-32-8	1.5E-02	c	7.8E-01	c	2.3E-01	c	6.9E-04	c	2.9E-03	c	4.0E-01
Chrysene	7.3E-03	n	y	B2			3.1E-03	n						218-01-9	1.5E+01	c	7.8E+02	c	2.3E+02	c	6.9E-01	c	2.9E+00	c	8.0E+00
Dibenz[ah]anthracene	7.3E+00	n	y	B2			3.1E+00	n						53-70-3	1.5E-02	c	7.8E-01	c	2.3E-01	c	6.9E-04	c	2.9E-03	c	8.0E-02
Fluoranthene				D	4.0E-02	i			4.0E-02	r				206-44-0	2.3E+03	N	8.2E+04	N	2.4E+04	N	1.5E+02	N	1.5E+03	N	2.1E+02
Fluorene				D	4.0E-02	i			4.0E-02	r				86-73-7	2.6E+03	N	3.3E+04	N	2.6E+04	N	1.5E+02	N	2.4E+02	N	2.8E+01
Indeno[1,2,3-cd]pyrene	7.3E-01	n	y	B2			3.1E-01	n						193-39-5	1.5E-01	c	7.8E+00	c	2.3E+00	c	6.9E-03	c	2.9E-02	c	7.0E-01
Naphthalene				C	2.0E-02	i			8.6E-04	i	3.0E-03	i		91-20-3	1.2E+02	N	1.9E+02	N	2.1E+02	N	3.1E+00	N	6.2E+00	N	4.0E+00
Pyrene				D	3.0E-02	i			3.0E-02	r				129-00-0	2.3E+03	N	5.4E+04	N	3.2E+04	N	1.1E+02	N	1.8E+02	N	2.1E+02
Prometon					1.5E-02	i			1.5E-02	r				1610-18-0	9.2E+02	N	3.1E+04	N	1.0E+04	N	5.5E+01	N	5.5E+02	N	
Prometryn					4.0E-03	i			4.0E-03	r				7287-19-6	2.4E+02	N	8.2E+03	N	2.7E+03	N	1.5E+01	N	1.5E+02	N	
Propachlor					1.3E-02	i			1.3E-02	r				1918-16-7	7.9E+02	N	2.7E+04	N	8.9E+03	N	4.7E+01	N	4.7E+02	N	
Propanil					5.0E-03	i			5.0E-03	r				709-98-8	3.1E+02	N	1.0E+04	N	3.4E+03	N	1.8E+01	N	1.8E+02	N	
Propargite					2.0E-02	i			2.0E-02	r				2312-35-8	1.2E+03	N	4.1E+04	N	1.4E+04	N	7.3E+01	N	7.3E+02	N	
Propargyl alcohol					2.0E-03	i			2.0E-03	r				107-19-7	1.2E+02	N	4.1E+03	N	1.4E+03	N	7.3E+00	N	7.3E+01	N	
Propazine					2.0E-02	i			2.0E-02	r				139-40-2	1.2E+03	N	4.1E+04	N	1.4E+04	N	7.3E+01	N	7.3E+02	N	
Propiconazole					1.3E-02	i			1.3E-02	r				60207-90-1	7.9E+02	N	2.7E+04	N	8.9E+03	N	4.7E+01	N	4.7E+02	N	
n-Propylbenzene					1.0E-02	n			1.0E-02	r				103-65-1	1.4E+02	N	2.4E+02	sat	2.4E+02	sat	3.7E+01	N	6.1E+01	N	
Propylene glycol					5.0E-01	p			8.6E-04	p				57-55-6	3.0E+04	N	1.0E+05	max	1.0E+05	max	3.1E+00	N	1.8E+04	N	
Propylene glycol, monoethyl ether					7.0E-01	h								111-35-3	4.3E+04	N	1.0E+05	max	1.0E+05	max			2.6E+04	N	
Propylene glycol, monomethyl ether					7.0E-01	h			5.7E-01	i	2.0E+00	i		107-98-2	4.3E+04	N	1.0E+05	max	1.0E+05	max	2.1E+03	N	2.6E+04	N	
Propylene oxide	2.4E-01	i		B2	8.6E-03	r	1.3E-02	i	8.6E-03	i				75-56-9	1.9E+00	c	9.1E+00	c	7.3E+00	c	5.2E-01	c	2.2E-01	c	
Pursuit					2.5E-01	i			2.5E-01	r				81335-77-5	1.5E+04	N	1.0E+05	max	1.0E+05	max	9.1E+02	N	9.1E+03	N	
Pyridine					1.0E-03	i			1.0E-03	r				110-86-1	6.1E+01	N	2.0E+03	N	6.8E+02	N	3.7E+00	N	3.7E+01	N	
Quinoline	3.0E+00	i		likely			1.2E+01	r						91-22-5	1.6E-01	c	1.9E+00	c	6.4E-01	c	5.6E-04	c	2.2E-02	c	
RDX (Cyclonite)	1.1E-01	i		C	3.0E-03	i	1.1E-01	r	3.0E-03	r				121-82-4	4.4E+00	c	5.2E+01	c	1.7E+01	c	6.1E-02	c	6.1E-01	c	

Key : i=IRIS p= PPRTV n=NCEA h=HEAST x=WITHDRAWN o=Other DOCUMENTS r=ROUTE EXTRAPOLATION Key : C=CANCER N=NONCANCER sat=SOIL SATURATION max=CEILING LIMIT

Region 6 Human Health Medium Specific Screening Levels 2007	TOXICITY INFORMATION												SCREENING LEVELS											
Contaminants	SFo 1/(mg/kg-d)	K E Y	Mutagen y for yes	CANCER CLASS	RfDo (mg/kg-d)	K E Y	SFi 1/(mg/kg-d)	K E Y	RfDi (mg/kg-d)	K E Y	RfC (mg/m3)	K E Y	MCL (ug/l)	CAS No.	Residential Soil (mg/kg)	K E Y	Industrial Indoor Worker wo dermal (mg/kg)	K E Y	Industrial-Outdoor Worker Soil (mg/kg)	K E Y	Ambient Air (ug/m^3)	K E Y	Tap Water (ug/l)	K E Y	DAF 1 (mg/kg)
Resmethrin					3.0E-02	i			3.0E-02	r				10453-86-8	1.8E+03	N	6.1E+04	N	2.1E+04	N	1.1E+02	N	1.1E+03	N	
Ronnel					5.0E-02	h			5.0E-02	r				299-84-3	3.1E+03	N	1.0E+05	max	3.4E+04	N	1.8E+02	N	1.8E+03	N	
Rotenone					4.0E-03	i			4.0E-03	r				83-79-4	2.4E+02	N	8.2E+03	N	2.7E+03	N	1.5E+01	N	1.5E+02	N	
Selenious Acid					5.0E-03	i								7783-00-8	3.1E+02	N	1.0E+04	N	3.4E+03	N			1.8E+02	N	
Selenium					5.0E-03	i							5.0E+01	7782-49-2	3.9E+02	N	1.0E+04	N	5.7E+03	N			1.8E+02	N	3.0E-01
Silver and compounds					5.0E-03	i								7440-22-4	3.9E+02	N	1.0E+04	N	5.7E+03	N			1.8E+02	N	2.0E+00
Simazine	1.2E-01	h			5.0E-03	i	1.2E-01	r	2.0E-03	r			4.0E+00	122-34-9	4.1E+00	C	4.8E+01	C	1.6E+01	C	5.6E-02	C	5.6E-01	C	
Sodium azide					4.0E-03	i			4.0E-03	r				26628-22-8	2.4E+02	N	8.2E+03	N	2.7E+03	N	1.5E+01	N	1.5E+02	N	
Sodium diethyldithiocarbamate	2.7E-01	h			3.0E-02	i	2.7E-01	r	3.0E-02	r				148-18-5	1.8E+00	C	2.1E+01	C	7.1E+00	C	2.5E-02	C	2.5E-01	C	
Sodium fluoroacetate					2.0E-05	i			2.0E-05	r				62-74-8	1.2E+00	N	4.1E+01	N	1.4E+01	N	7.3E-02	N	7.3E-01	N	
Sodium metavanadate					1.0E-03	h			1.0E-03	r				13718-26-8	6.1E+01	N	2.0E+03	N	6.8E+02	N	3.7E+00	N	3.7E+01	N	
Strontium, stable					6.0E-01	i								7440-24-6	4.7E+04	N	1.0E+05	max	1.0E+05	max			2.2E+04	N	
Strychnine					3.0E-04	i			3.0E-04	r				57-24-9	1.8E+01	N	6.1E+02	N	2.1E+02	N	1.1E+00	N	1.1E+01	N	
Styrene					2.0E-01	i			2.9E-01	i	1.0E+00	i	1.0E+02	100-42-5	1.7E+03	sat	1.7E+03	sat	1.7E+03	sat	1.1E+03	N	1.6E+03	N	2.0E-01
2,3,7,8-TCDD (dioxin)	1.5E+05	h					1.5E+05	h					3.0E-05	1746-01-6	3.9E-06	C	3.8E-05	C	1.8E-05	C	4.5E-08	C	4.5E-07	C	
1,2,4,5-Tetrachlorobenzene					3.0E-04	i			3.0E-04	r				95-94-3	1.8E+01	N	6.1E+02	N	2.1E+02	N	1.1E+00	N	1.1E+01	N	
1,1,1,2-Tetrachloroethane	2.6E-02	i		C	3.0E-02	i	2.6E-02	i	3.0E-02	r				630-20-6	3.0E+00	C	7.1E+00	C	7.6E+00	C	2.6E-01	C	4.3E-01	C	
1,1,2,2-Tetrachloroethane	2.0E-01	i		C	6.0E-02	p	2.0E-01	i	6.0E-02	r				79-34-5	3.8E-01	C	9.0E-01	C	9.7E-01	C	3.3E-02	C	5.5E-02	C	2.0E-04
Tetrachloroethylene (PCE)	5.4E-01	o			1.0E-02	i	2.1E-02	o	1.1E-01	n	4.0E-01	n	5.0E+00	127-18-4	5.5E-01	C	1.8E+00	C	1.7E+00	C	3.3E-01	C	1.0E-01	C	3.0E-03
2,3,4,6-Tetrachlorophenol					3.0E-02	i			3.0E-02	r				58-90-2	1.8E+03	N	6.1E+04	N	2.1E+04	N	1.1E+02	N	1.1E+03	N	
p,a,a,a-Tetrachlorotoluene	2.0E+01	h					2.0E+01	r						5216-25-1	2.4E-02	C	2.9E-01	C	9.6E-02	C	3.4E-04	C	3.4E-03	C	
Tetrachlorovinphos	2.4E-02	h			3.0E-02	i	2.4E-02	r	3.0E-02	r				961-11-5	2.0E+01	C	2.4E+02	C	8.0E+01	C	2.8E-01	C	2.8E+00	C	
Tetrahydrofuran	7.6E-03	n			2.0E-01	n	8.8E-03		8.6E-02	n	3.0E-01	n		109-99-9	6.4E+01	C	7.5E+02	C	2.5E+02	C	9.9E-01	C	8.8E+00	C	
Thallic oxide					7.0E-05	h								1314-32-5	5.5E+00	N	1.4E+02	N	7.9E+01	N			2.6E+00	N	
Thallium					7.0E-05	i							2.0E+00		5.5E+00		1.4E+02		7.9E+01				2.6E+00	N	4.0E-01
Thallium acetate					9.0E-05	i							2.0E+00	563-68-8	7.0E+00	N	1.8E+02	N	1.0E+02	N			3.3E+00	N	4.0E-01
Thallium carbonate					8.0E-05	i							2.0E+00	6533-73-9	6.3E+00	N	1.6E+02	N	9.1E+01	N			2.9E+00	N	4.0E-01
Thallium chloride					8.0E-05	i							2.0E+00	7791-12-0	6.3E+00	N	1.6E+02	N	9.1E+01	N			2.9E+00	N	4.0E-01
Thallium nitrate					9.0E-05	i							2.0E+00	10102-45-1	7.0E+00	N	1.8E+02	N	1.0E+02	N			3.3E+00	N	4.0E-01
Thallium selenite					9.0E-05	x							2.0E+00	12039-52-0	7.0E+00	N	1.8E+02	N	1.0E+02	N			3.3E+00	N	4.0E-01
Thallium sulfate					8.0E-05	i							2.0E+00	7446-18-6	6.3E+00	N	1.6E+02	N	9.1E+01	N			2.9E+00	N	4.0E-01
Thiobencarb					1.0E-02	i			1.0E-02	r				28249-77-6	6.1E+02	N	2.0E+04	N	6.8E+03	N	3.7E+01	N	3.7E+02	N	
Thiocyanate					2.0E-04	p								N/A	1.2E+01	N	4.1E+02	N	1.4E+02	N			7.3E+00	N	
Tin and compounds					6.0E-01	h								n/a	4.7E+04	N	1.0E+05	max	1.0E+05	max			2.2E+04	N	
Toluene					8.0E-02	i			1.4E+00	i			1.0E+03	108-88-3	5.2E+02	sat	5.2E+02	sat	5.2E+02	sat	5.2E+03	N	2.3E+03	N	6.0E-01
Toluene-2,4-diamine	3.2E+00	h					3.2E+00	r						95-80-7	1.5E-01	C	1.8E+00	C	6.0E-01	C	2.1E-03	C	2.1E-02	C	
Toluene-2,5-diamine					6.0E-01	h			6.0E-01	r				95-70-5	3.7E+04	N	1.0E+05	max	1.0E+05	max	2.2E+03	N	2.2E+04	N	
Toluene-2,6-diamine					3.0E-02	p			3.0E-02	r				823-40-5	1.8E+03	N	6.1E+04	N	2.1E+04	N	1.1E+02	N	1.1E+03	N	
p-Toluidine	1.9E-01	h					1.9E-01	r						106-49-0	2.6E+00	C	3.0E+01	C	1.0E+01	C	3.5E-02	C	3.5E-01	C	
Toxaphene	1.1E+00	i		B2			1.1E+00	i					3.0E+00	8001-35-2	4.4E-01	C	5.2E+00	C	1.7E+00	C	6.0E-03	C	6.1E-02	C	2.0E+00
1,2,4-Tribromobenzene					5.0E-03	i			5.0E-03	r				615-54-3	3.1E+02	N	1.0E+04	N	3.4E+03	N	1.8E+01	N	1.8E+02	N	
Tributyltin oxide (TBTO)					3.0E-04	i								56-35-9	1.8E+01	N	6.1E+02	N	2.1E+02	N			1.1E+01	N	
2,4,6-Trichloroaniline	3.4E-02	h					3.4E-02	r						634-93-5	1.4E+01	C	1.7E+02	C	5.6E+01	C	2.0E-01	C	2.0E+00	C	
1,2,4-Trichlorobenzene					1.0E-02	i			1.1E-03	p	4.0E-03	p	7.0E+01	120-82-1	1.4E+02	N	2.4E+02	N	2.6E+02	N	4.2E+00	N	8.2E+00	N	3.0E-01
1,1,1-Trichloroethane					2.8E-02	n			6.3E-01	p	2.2E+00	p	2.0E+02	71-55-6	1.4E+03	sat	1.4E+03	sat	1.4E+03	sat	2.3E+03	N	8.4E+02	N	1.0E-01
1,1,2-Trichloroethane	5.7E-02	i		C	4.0E-03	i	5.6E-02	i	4.0E-03	r			5.0E+00	79-00-5	8.4E-01	C	1.9E+00	C	2.1E+00	C	1.2E-01	C	2.0E-01	C	9.0E-04
Trichloroethylene (TCE)	4.0E-01	n			3.0E-04	n	4.0E-01	n	1.1E-02	n	4.0E-02	n	5.0E+00	79-01-6	4.3E-02	C	9.2E-02	C	1.0E-01	C	1.7E-02	C	2.8E-02	C	3.0E-03
Trichlorofluoromethane					3.0E-01	i			2.0E-01	h				75-69-4	3.9E+02	N	1.3E+03	N	1.4E+03	N	7.3E+02	N	1.3E+03	N	
2,4,5-Trichlorophenol					1.0E-01	i			1.0E-01	r				95-95-4	6.1E+03	N	1.0E+05	max	6.8E+04	N	3.7E+02	N	3.7E+03	N	1.4E+01
2,4,6-Trichlorophenol	1.1E-02	i		B2			1.1E-02	i						88-06-2	4.4E+01	C	5.2E+02	C	1.7E+02	C	6.2E-01	C	6.1E+00	C	8.0E-03
2,4,5-Trichlorophenoxyacetic Acid					1.0E-02	i			1.0E-02	r				93-76-5	6.1E+02	N	2.0E+04	N	6.8E+03	N	3.7E+01	N	3.7E+02	N	
2-(2,4,5-Trichlorophenoxy) propionic acid					8.0E-03	i			8.0E-03	r				93-72-1	4.9E+02	N	1.6E+04	N	5.5E+03	N	2.9E+01	N	2.9E+02	N	
1,1,2-Trichloropropane					5.0E-03	i			5.0E-03	r				598-77-6	1.5E+01	N	5.1E+01	N	5.7E+01	N	1.8E+01	N	3.0E+01	N	
1,2,3-Trichloropropane	7.0E+00	h			6.0E-03	i	7.0E+00	r	6.0E-03	r				96-18-4	1.4E-03	C	3.1E-03	C	3.4E-03	C	9.6E-04	C	1.6E-03	C	
1,2,3-Trichloropropene					1.0E-02	p			2.9E-04	p	1.0E-03	p		96-19-5	1.6E+00	N	2.2E+00	N	2.5E+00	N	1.0E+00	N	2.1E+00	N	
1,1,2-Trichloro-1,2,2-trifluoroethane					3.0E+01	i			8.6E+00	h				76-13-1	5.6E+03	sat	5.6E+03	sat	5.6E+03	sat	3.1E+04	N	5.9E+04	N	
Triethylamine					2.0E-03	r			2.0E-03	i				121-44-8	2.3E+01	N	8.8E+01	N	9.6E+01	N	7.3E+00	N	1.2E+01	N	
1,2,4-Trimethylbenzene					5.0E-02	p			1.7E-03	p				95-63-6	5.2E+01	N	1.7E+02	N	1.9E+02	N	6.3E+00	N	1.2E+01	N	
1,3,5-Trimethylbenzene					5.0E-02	p			1.7E-03	p				108-67-8	2.1E+01	N	7.0E+01	N	7.8E+01	N	6.2E+00	N	1.2E+01	N	
Trimethyl phosphate	3.7E-02	h					3.7E-02	r						512-56-1	1.3E+01	C	1.5E+02	C	5.2E+01	C	1.8E-01	C	1.8E+00	C	
1,3,5-Trinitrobenzene					3.0E-02	i			3.0E-02	r				99-35-4	1.8E+03	N	6.1E+04	N	2.1E+04	N	1.1E+02	N	1.1E+03	N	
Trinitrophenylmethylnitramine					4.0E-03	p			4.0E-03	r				479-45-8	2.4E+02	N	8.2E+03	N	2.7E+03	N	1.5E+01	N	1.5E+02	N	
2,4,6-Trinitrotoluene	3.0E-02	i		C	5.0E-04	i	3.0E-02	r	5.0E-04	r				118-96-7	1.6E+01	C	1.9E+02	C	6.4E+01	C	2.2E-01	C	2.2E+00	C	
Vanadium					5.0E-03	i								7440-62-2	3.9E+02	N	1.0E+04	N	5.7E+03	N			1.8E+02	N	3.0E+02
Vanadium pentoxide					9.0E-03	i								1314-62-1	7.0E+02	N	1.8E+04	N	1.0E+04	N			3.3E+02	N	3.0E+02

Key : i=IRIS p= PPRTV n=NCEA h=HEAST x=WITHDRAWN o=Other DOCUMENTS r=ROUTE EXTRAPOLATION Key : C=CANCER N=NONCANCER sat=SOIL SATURATION max=CEILING LIMIT

Region 6 Human Health Medium Specific Screening Levels 2007	TOXICITY INFORMATION													SCREENING LEVELS										
Contaminants	SFo 1/(mg/kg-d)	K E Y	Mutagen y for yes	CANCER CLASS	RfDo (mg/kg-d)	K E Y	SFi 1/(mg/kg-d)	K E Y	RfDi (mg/kg-d)	K E Y	RfC (mg/m3)	K E Y	MCL (ug/l)	CAS No.	Residential Soil (mg/kg)	K E Y	Industrial Indoor Worker ers Dermal (mg/kg)	K E Y	Industrial-Outdoor Worker Soil (mg/kg)	K E Y	Ambient Air (ug/m^3)	K E Y	Tap Water (ug/l)	K E Y	DAF 1 (mg/kg)
Vinclozolin					2.5E-02	i			2.5E-02	r				50471-44-8	1.5E+03	N	5.1E+04	N	1.7E+04	N	9.1E+01	N	9.1E+02	N	
Vinyl acetate					1.0E+00	h			5.7E-02	i				108-05-4	4.3E+02	N	1.4E+03	N	1.6E+03	N	2.1E+02	N	4.1E+02	N	8.0E+00
Vinyl bromide	1.1E-01	r			9.6E-04	r	1.1E-01	h	8.6E-04	i	3.0E-03	i		593-60-2	1.9E-01	C	4.2E-01	C	4.7E-01	C	6.1E-02	C	1.0E-01	C	
Vinyl chloride	7.2E-01	I	special case	A	3.0E-03	i	1.5E-02	i	2.9E-02	i	1.0E-01	i	2.0E+00	75-01-4	4.3E-02	C	8.6E-01	C	8.6E-01	C	1.6E-01	C	1.5E-02	C	7.0E-04
Warfarin					3.0E-04	i			3.0E-04	r				81-81-2	1.8E+01	N	6.1E+02	N	2.1E+02	N	1.1E+00	N	1.1E+01	N	
m-Xylene					2.0E+00	i			2.9E-02	i	1.0E-01	i		108-38-3	2.1E+02	sat	2.1E+02	sat	2.1E+02	sat	1.0E+02	N	2.1E+02	N	1.0E+01
o-Xylene					2.0E+00	i			2.0E-01	x				95-47-6	2.8E+02	sat	2.8E+02	sat	2.8E+02	sat	7.3E+02	N	1.4E+03	N	9.0E+00
p-Xylene														106-42-3	3.7E+02	sat	3.7E+02	sat	3.7E+02	sat					1.0E+01
Xylenes					2.0E-01	i			2.9E-02	i	1.0E-01	i	1.0E+04	1330-20-7	2.1E+02	sat	2.1E+02	sat	2.1E+02	sat	1.0E+02	N	2.0E+02	N	1.0E+01
Zinc					3.0E-01	i								7440-66-6	2.3E+04	N	1.0E+05	max	1.0E+05	max			1.1E+04	N	6.2E+02
Zinc phosphide					3.0E-04	i								1314-84-7	2.3E+01	N	6.1E+02	N	3.4E+02	N			1.1E+01	N	
Zineb					5.0E-02	i			5.0E-02	r				12122-67-7	3.1E+03	N	1.0E+05	max	3.4E+04	N	1.8E+02	N	1.8E+03	N	