

Regional Screening Level (RSL) Summary Table (TR-1E-6, HQ=1) June 2015 (revised)

Toxicity and Chemical-Specific Information													Contaminant		Screening Levels								Protection of Ground Water SSLs	
SFO (mg/kg-day) ⁻¹	Key IUR (ug/m ³) ⁻¹	Key RfD _o (mg/kg-day)	Key RfC ₁ (mg/m ³)	Key V _o	Key muta- gen	Key GIABS	Key ABS	Key C _{sat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident Air (ug/m ³)	key	Industrial Air (ug/m ³)	key	Tapwater (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	key	MCL-based SSL (mg/kg)
1.8E-02	C	5.1E-06	C	1.5E-01	I			0.1	ALAR	1596-84-5	3.0E+01	c	1.3E+02	c	5.5E-01	c	2.4E+00	c	4.3E+00	c		9.5E-04	c	
8.7E-03	I	2.2E-06	I	4.0E-03	I			0.1	Acephate	30560-19-1	6.2E+01	c**	2.6E+02	c*					8.9E+00	c**		2.0E-03	c**	
					I			1.1E+05	Acetaldehyde	75-07-0	1.1E+01	c**	4.9E+01	c**	1.3E+00	c**	5.6E+00	c**	2.6E+00	c**		5.2E-04	c**	
				2.0E-02	I			0.1	Acetochlor	34256-82-1	1.3E+03	n	1.6E+04	n					3.5E+02	n		2.8E-01	n	
				9.0E-01	I	3.1E+01	A	V	Acetone	67-64-1	6.1E+04	n	6.7E+05	nms	3.2E+04	n	1.4E+05	n	1.4E+04	n		2.9E+00	n	
				2.0E-03	X	V		1	Acetone Cyanohydrin	75-86-5	5.0E+01	n	2.1E+02	n	2.1E+00	n	8.8E+00	n	4.2E+00	n		8.4E-04	n	
				6.0E-02	I	V		1	Acetonitrile	75-05-8	8.1E+02	n	3.4E+03	n	6.3E+01	n	2.6E+02	n	1.3E+02	n		2.6E-02	n	
3.8E+00	C	1.3E-03	C	1.0E-01	I	V		0.1	Acetophenone	98-86-2	7.8E+03	ns	1.2E+05	nms					1.9E+03	n		5.8E-01	n	
					I	V		2.5E+03	Acetylaminofluorene, 2-	53-96-3	1.4E-01	c	6.0E-01	c	2.2E-03	c	9.4E-03	c	1.6E-02	c		7.2E-05	c	
				5.0E-04	I	2.0E-05	I	V	Acrolein	107-02-8	1.4E-01	n	6.0E-01	n	2.1E-02	n	8.8E-02	n	4.2E-02	n		8.4E-06	n	
5.0E-01	I	1.0E-04	I	2.0E-03	I	6.0E-03	I	M	Acrylamide	79-06-1	2.4E-01	c	4.6E+00	c	1.0E-02	c	1.2E-01	c	5.0E-02	c		1.1E-05	c	
				5.0E-01	I	1.0E-03	I	V	Acrylic Acid	79-10-7	9.9E+01	n	4.2E+02	n	1.0E+00	n	4.4E+00	n	2.1E+00	n		4.2E-04	n	
5.4E-01	I	6.8E-05	I	4.0E-02	A	2.0E-03	I	V	Acrylonitrile	107-13-1	2.5E-01	c*	1.1E+00	c*	4.1E-02	c*	1.8E-01	c*	5.2E-02	c*		1.1E-05	c*	
5.6E-02	C			1.0E-02	I	6.0E-03	P		Adiponitrile	111-69-3	8.5E+06	nm	3.6E+07	nm	6.3E+00	n	2.6E+01	n						
					I			0.1	Alachlor	15972-80-8	9.7E+00	c*	4.1E+01	c*					1.0E+00	c	2.0E+00	8.6E-04	c	1.6E-03
				1.0E-03	I			0.1	Aldicarb	116-06-3	6.3E+01	n	8.2E+02	n					2.0E+01	n	3.0E+00	4.9E-03	n	7.5E-04
				1.0E-03	I			0.1	Aldicarb Sulfone	1646-88-4	6.3E+01	n	8.2E+02	n					2.0E+01	n	3.0E+00	4.4E-03	n	4.4E-04
					I			0.1	Aldicarb sulfoxide	1646-87-3	6.3E+01	n	8.2E+02	n					2.0E+01	n	4.0E+00	4.4E-03	n	8.8E-04
1.7E+01	I	4.9E-03	I	3.0E-05	I	V		1	Aldrin	309-00-2	3.9E-02	c*	1.8E-01	c	5.7E-04	c	2.5E-03	c	9.2E-04	c		1.5E-04	c	
				2.5E-01	I			0.1	Allyl	74223-64-6	1.6E+04	n	2.1E+05	nm					4.9E+03	n		1.9E+00	n	
				5.0E-03	I	1.0E-04	X	V	Allyl Alcohol	107-18-6	3.5E+00	n	1.5E+01	n	1.0E-01	n	4.4E-01	n	2.1E-01	n		4.2E-05	n	
2.1E-02	C	6.0E-06	C	1.0E-03	I	V		1	Allyl Chloride	72-05-1	7.2E-01	c**	3.2E+00	c**	4.7E-01	c**	2.0E+00	c**	7.3E-01	c**		2.3E-04	c**	
				1.0E+00	P	5.0E-03	P		Aluminum	7429-90-5	7.7E+04	n	1.1E+06	nm	5.2E+00	n	2.2E+01	n	2.0E+04	n		3.0E+04	n	
				4.0E-04	I			1	Aluminum Phosphide	20889-78-8	3.1E+01	n	4.7E+02	n					8.0E+00	n				
				3.0E-04	I			0.1	Amidrin	61485-29-4	1.9E+01	n	2.5E+02	n					5.9E+00	n		2.1E+03	n	
2.1E+01	C	6.0E-03	C	9.0E-03	I			0.1	Ametryn	834-12-8	5.7E+02	n	7.4E+03	n					1.5E+02	n		1.6E-01	n	
					I			0.1	Aminobiphenyl, 4-	92-67-1	2.6E-02	c	1.1E-01	c	4.7E-04	c	2.0E-03	c	3.0E-03	c		1.5E-05	c	
				8.0E-02	P			0.1	Aminophenol, m-	591-27-5	5.1E+03	n	6.6E+04	n					1.6E+03	n		6.1E-01	n	
				2.0E-02	P			0.1	Aminophenol, p-	123-30-8	1.3E+03	n	1.6E+04	n					4.0E+02	n		1.5E-01	n	
				2.5E-03	I			0.1	Amtraz	33089-61-1	1.6E+02	n	2.1E+03	n					8.2E+00	n		4.2E+00	n	
				1.0E-01	I	V		1	Ammonia	7664-41-7					1.0E+02	n	4.4E+02	n						
				2.0E-01	I	3.0E-03	X	V	Ammonium Sulfamate	7773-06-0	1.6E+04	n	2.3E+05	nm					4.0E+03	n				
					I			1.4E+04	Amyl Alcohol, tert-	79-85-4	8.2E+01	n	3.4E+02	n	3.1E+00	n	1.3E+01	n	6.3E+00	n		1.3E-03	n	
5.7E-03	I	1.6E-06	C	7.0E-03	P	1.0E-03	I	0.1	Aniline	62-53-3	9.5E+01	c**	4.0E+02	c*	1.0E+00	n	4.4E+00	n	1.3E+01	c*		4.6E-03	c*	
4.0E-02	P			2.0E-03	X			0.1	Anthraquinone, 9,10-	84-65-1	1.4E+01	c**	5.7E+01	c*					1.4E+00	c*		1.4E-02	c*	
				4.0E-04	I			0.15	Antimony (metallic)	7440-36-0	3.1E+01	n	4.7E+02	n					7.8E+00	n	6.0E+00	3.5E-01	n	2.7E-01
				5.0E-04	H			0.15	Antimony Pentoxide	1314-80-9	3.9E+01	n	5.8E+02	n					9.7E+00	n				
				9.0E-04	H			0.15	Antimony Potassium Tartrate	11071-15-1	7.0E+01	n	1.1E+03	n					1.8E+01	n				
				4.0E-04	H			0.15	Antimony Tetroxide	1332-81-6	3.1E+01	n	4.7E+02	n					7.8E+00	n				
				2.0E-04	I			0.15	Antimony Trioxide	1309-64-4	2.8E+05	nm	1.2E+06	nm	2.1E-01	n	8.8E-01	n						
2.5E-02	I	7.1E-06	I	1.3E-02	I			0.1	Apollo	74115-24-5	8.2E+02	n	1.1E+04	n					2.3E+02	n		1.4E+01	n	
				5.0E-02	H			0.1	Aramite	140-57-8	2.2E+01	c	9.2E+01	c	4.0E-01	c	1.7E+00	c	1.3E+00	c		1.5E-02	c	
1.5E+00	I	4.3E-03	I	3.0E-04	I	1.5E-05	C	0.03	Arsenic, Inorganic	7440-38-2	6.8E-01	c**	3.0E+00	c**	6.5E-04	c*	2.9E-03	c*	5.2E-02	c	1.0E+01	1.5E-03	c	2.9E-01
				3.5E-06	C	5.0E-05	I		Arsine	7784-42-1	2.7E-01	n	4.1E+00	n	5.2E-02	n	2.2E-01	n	7.0E-02	n				
				9.0E-03	I			0.1	Assure	76578-14-8	5.7E+02	n	7.4E+03	n					1.2E+02	n		1.9E+00	n	
				5.0E-02	I			0.1	Asulam	3337-71-1	3.2E+03	n	4.1E+04	n					1.0E+03	n		2.6E-01	n	
2.3E-01	C			3.5E-02	I			0.1	Atrazine	1912-24-9	2.4E+00	c	1.0E+01	c					3.0E-01	c	3.0E+00	1.9E-04	c	1.9E-03
8.8E-01	C	2.5E-04	C		I			0.1	Auramine	492-80-8	6.2E-01	c	2.6E+00	c	1.1E-02	c	4.9E-02	c	6.6E-02	c		6.0E-04	c	
1.1E-01	I	3.1E-05	I	4.0E-04	I			0.1	Avermectin B1	65195-55-3	2.5E+01	n	3.3E+02	n					8.0E+00	n		1.4E+01	n	
				1.0E+00	P	7.0E-06	P	0.1	Azobenzene	103-33-3	5.6E+00	c	2.6E+01	c	9.1E-02	c	4.0E-01	c	1.2E-01	c		9.2E-04	c	
					I			0.1	Azodicarbonamide	123-77-3	8.6E+03	n	4.0E+04	n					3.1E-02	n	2.0E+04	6.8E+00	n	
5.0E-01	C	1.5E-01	C	2.0E-01	I	5.0E-04	H	0.07	Barium	7440-39-3	1.5E+04	n	2.2E+05	nm	5.2E-01	n	2.2E+00	n	3.8E+03	n	2.0E+03	1.6E+02	n	8.2E+01
				2.0E-02	C	2.0E-04	C	M	Barium Chromate	10294-40-3	3.0E-01	c	6.2E+00	c	6.8E-06	c	8.2E-05	c	4.1E-02	c				
				4.0E-03	I			0.1	Baygon	114-26-1	2.5E+02	n	3.3E+03	n					7.8E+01	n		2.5E-02	n	
				3.0E-02	I			0.1	Bayleton	43121-43-3	1.9E+03	n	2.5E+04	n					5.5E+02	n		4.4E-01	n	
				2.5E-02	I			0.1	Baythroid	68359-37-5	1.6E+03	n	2.1E+04	n					1.2E+02	n		3.1E+01	n	
				3.0E-01	I	V</																		

Regional Screening Level (RSL) Summary Table (TR=1E-6, HQ=1) June 2015 (revised)

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; J = New Jersey; O = EPA Office of Water; F = See FAQ; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; R = RBA applied (See User Guide for Arsenic notice); c = cancer; * = where n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

Toxicity and Chemical-specific Information											Contaminant		Screening Levels								Protection of Ground Water SSLs						
SFO (mg/kg-day) ⁻¹	ke	IUR (ug/m ³ -y) ⁻¹	ke	RfD _o (mg/kg-day)	ke	RfC ₁ (mg/m ³ -y)	ke	muta-gen	GIABS	ABS	C _{sat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident Air (ug/m ³)	key	Industrial Air (ug/m ³)	key	Tapwater (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	key	MCL-based SSL (mg/kg)
1.3E+01	I										3.2E+02	Benzotrifluoride	98-07-7	5.3E-02	c	2.5E-01	c					2.9E-03	c		6.5E-08	c	
1.7E-01	I	4.9E-05	C	1.0E-01	P	1.0E-03	P	V			1.5E+03	Benzyl Alcohol	100-51-6	6.3E+00	n	8.2E+04	n					2.0E+03	n		4.8E-01	n	
		2.4E-03	I	2.0E-03	I	2.0E-05	I		0.007			Benzyl Chloride	100-44-7	1.1E+00	c*	4.8E+00	c*	5.7E-02	c*	2.5E-01	c*	8.9E-02	c*		9.7E-05	c*	
												Beryllium and compounds	7440-41-7	1.6E+02	n	2.3E+03	n	1.2E-03	c*	5.1E-03	c*	2.5E+01	n	4.0E+00	1.9E+01	n	3.2E+00
				1.0E-04	I						0.1	Bidrin	141-66-2	6.3E+00	n	8.2E+01	n					2.0E+00	n		4.7E-04	n	
				9.0E-03	P						0.1	Bifenox	42576-02-3	5.7E+02	n	7.4E+03	n					1.0E+02	n		7.6E-01	n	
				1.5E-02	I						0.1	Biphenthrin	82657-04-3	9.5E+02	n	1.2E+04	n					3.0E+02	n		1.4E+03	n	
8.0E-03	I			5.0E-01	I	4.0E-04	X	V				Biphenyl, 1,1'-	92-52-4	4.7E+01	n	2.0E+02	n	4.2E-01	n	1.8E+00	n	8.3E-01	n		8.7E-03	n	
7.0E-02	H	1.0E-05	H	4.0E-02	I						1.0E+03	Bis(2-chloro-1-methylethyl) ether	108-60-1	4.9E+00	c	2.2E+01	c	2.8E-01	c	1.2E+00	c	3.6E-01	c		1.3E-04	c	
				3.0E-03	P						0.1	Bis(2-chloroethoxy)methane	111-91-1	1.9E+02	n	2.5E+03	n					5.9E+01	n		1.3E-02	n	
1.1E+00	I	3.3E-04	I								5.1E+03	Bis(2-chloroethyl)ether	111-44-4	2.3E-01	c	1.0E+00	c	8.5E-03	c	3.7E-02	c	1.4E-02	c		3.6E-06	c	
2.2E+02	I	6.2E-02	I								4.2E+03	Bis(chloromethyl)ether	542-88-1	8.3E-05	c	3.6E-04	c	4.5E-05	c	2.0E-04	c	7.2E-05	c		1.7E-08	c	
				5.0E-02	I						0.1	Bisphenol A	80-05-7	3.2E+03	n	4.1E+04	n					7.7E+02	n		5.8E+01	n	
				2.0E-01	I	2.0E-02	H				1	Boron And Borates Only	7440-42-8	1.6E+04	n	2.3E+05	nm	2.1E+01	n	8.8E+01	n	4.0E+03	n		1.3E+01	n	
				2.0E+00	P	2.0E-02	P	V			1	Boron Trichloride	10294-34-5	1.6E+05	nm	2.3E+06	nm	2.1E+01	n	8.8E+01	n	4.2E+01	n		1.3E+01	n	
				4.0E-02	C	1.3E-02	C	V			1	Boron Trifluoride	7637-07-2	3.1E+03	n	4.7E+04	n	1.4E+01	n	5.7E+01	n	2.6E+01	n		1.3E+01	n	
7.0E-01	I			4.0E-03	I						1	Bromate	15541-45-4	9.9E-01	c	4.7E+00	c					1.1E-01	c	1.0E+01	8.5E-04	c	7.7E-02
2.0E+00	X	6.0E-04	X								2.4E+03	Bromo-2-chloroethane, 1-	107-04-0	2.6E-02	c	1.1E-01	c	4.7E-03	c	2.0E-02	c	7.4E-03	c		2.1E-06	c	
				8.0E-03	I	6.0E-02	I	V			6.8E+02	Bromobenzene	108-86-1	2.9E+02	n	1.8E+03	ns	6.3E-01	n	2.6E+02	n	6.2E+01	n		4.2E-02	n	
						4.0E-02	X	V			1	Bromochloromethane	74-97-5	1.5E+02	n	6.3E+02	n	4.2E+01	n	1.8E+02	n	8.3E+01	n		2.1E-02	n	
6.2E-02	I	3.7E-05	C	2.0E-02	I						9.3E+02	Bromodichloromethane	75-27-4	2.9E-01	c	1.3E+00	c	7.6E-02	c	3.3E-01	c	1.3E-01	c	8.0E+01(F)	3.6E-05	c	2.2E-02
7.9E-03	I	1.1E-06	I	2.0E-02	I						9.2E+02	Bromotorm	75-25-2	1.9E+01	c*	8.6E+01	c	2.6E+00	c	1.1E+01	c	3.3E+00	c	8.0E+01(F)	3.7E-04	c	2.1E-02
				1.4E-03	I	5.0E-03	I	V			1	Bromomethane	74-83-9	6.8E+00	n	3.0E+01	n	5.2E+00	n	2.2E+01	n	7.5E+00	n		1.9E-03	n	
				5.0E-03	H						1	Bromophos	2104-96-3	3.9E+02	n	5.8E+03	n					3.5E+01	n		1.5E-01	n	
				2.0E-02	I						0.1	Bromoxynil	1689-84-5	1.3E+03	n	1.6E+04	n					3.3E+02	n		2.8E-01	n	
3.4E+00	C	3.0E-05	I	2.0E-02	I	2.0E-03	I	V			1	Bromoxynil Octanoate	1689-99-2	1.6E+03	n	2.3E+04	n					1.4E+02	n		1.2E+00	n	
											6.7E+02	Butadiene, 1,3-	106-99-0	5.8E-02	c*	2.6E-01	c*	9.4E-02	c*	4.1E-01	c*	1.8E-02	c		9.9E-06	c	
				1.0E-01	I						7.6E+03	Butanol, N-	71-36-3	7.8E+03	ns	1.2E+05	nms					2.0E+03	n		4.1E-01	n	
1.9E-03	P			2.0E-01	I						0.1	Butyl Benzyl Phthalate	85-68-7	2.9E+02	c*	1.2E+03	c					1.6E+01	c		2.3E-01	c	
				2.0E+00	P	3.0E+01	P	V			2.1E+04	Butyl alcohol, sec-	78-92-2	1.3E+05	nms	1.5E+06	nms	3.1E+04	n	1.3E+05	n	2.4E+04	n		5.0E+00	n	
				5.0E-02	I						1	Butylate	2008-41-5	3.9E+03	n	5.8E+04	n					4.6E+02	n		4.6E-01	n	
2.0E-04	C	5.7E-08	C								0.1	Butylated hydroxyanisole	25013-16-5	2.7E+03	c	1.1E+04	c	4.9E+01	c	2.2E+02	c	2.4E+02	c		4.5E-01	c	
3.6E-03	P			3.0E-01	P						0.1	Butylated hydroxytoluene	128-37-0	1.5E+02	c	6.4E+02	c					3.3E+00	c		9.7E-02	c	
				5.0E-02	P						1.1E+02	Butylbenzene, n-	104-51-8	3.9E+03	ns	5.8E+04	ns					1.0E+03	n		3.2E+00	n	
				1.0E-01	X						1.5E+02	Butylbenzene, sec-	135-98-8	7.8E+03	ns	1.2E+05	nms					2.0E+03	n		5.9E+00	n	
				1.0E-01	X						1.8E+02	Butylbenzene, tert-	98-06-6	7.8E+03	ns	1.2E+05	nms					6.9E+02	n		1.6E+00	n	
				2.0E-02	A						0.1	Cacodylic Acid	75-60-5	1.3E+03	n	1.6E+04	n					4.0E+02	n		1.6E+00	n	
1.8E-03	I			1.0E-03	I	1.0E-05	A		0.025	0.001		Cadmium (Diet)	7440-43-9	7.1E+01	n	9.8E+02	n							5.0E+00	6.9E-01	n	3.8E-01
5.0E-01	C	1.8E-03	I	5.0E-04	I	1.0E-05	A		0.05	0.001		Cadmium (Water)	7440-43-9					1.6E-03	c**	6.8E-03	c**	9.2E+00	n		6.9E-01	n	3.8E-01
		1.5E-01	C	2.0E-02	C	2.0E-04	C	M	0.025			Calcium Chromate	13765-19-0	3.0E-01	c	6.2E+00	c	6.8E-06	c	8.2E-05	c	4.1E-02	c			c	
				5.0E-01	I	2.2E-03	C				0.1	Caprolactam	105-60-2	3.1E+04	n	4.0E+05	nm	2.3E+00	n	9.6E+00	n	9.9E+03	n		2.5E+00	n	
1.5E-01	C	4.3E-05	C	2.0E-03	I						0.1	Captafol	2425-06-1	3.6E+00	c*	1.5E+01	c	6.5E-02	c	2.9E-01	c	4.0E-01	c*		7.1E-04	c*	
2.3E-03	C	6.8E-07	C	1.3E-01	I						0.1	Captan	133-06-2	2.4E+02	c*	1.0E+03	c	4.3E+00	c	1.9E+01	c	3.1E+01	c*		2.2E-02	c*	
				1.0E-01	I						0.1	Carbaryl	63-25-2	6.3E+03	n	8.2E+04	n					1.8E+03	n		1.7E+00	n	
				5.0E-03	I						0.1	Carbofuran	1563-66-2	3.2E+02	n	4.1E+03	n					9.4E+01	n	4.0E+01	3.7E-02	n	1.6E-02
				1.0E-01	I	7.0E-01	I	V			7.4E+02	Carbon Disulfide	75-15-0	7.7E+02	ns	3.5E+03	ns	7.3E+02	n	3.1E+03	n	8.1E+02	n		2.4E-01	n	
7.0E-02	I	6.0E-06	I	4.0E-03	I	1.0E-01	I	V			4.6E+02	Carbon Tetrachloride	56-23-5	6.5E-01	c	2.9E+00	c	4.7E-01	c	2.0E+00	c	4.5E-01	c	5.0E+00	1.8E-04	c	1.9E-03
				1.0E-02	I						0.1	Carbosulfan	55285-14-8	6.3E+02	n	8.2E+03	n					5.1E+01	n		1.2E+00	n	
				1.0E-01	I						0.1	Carboxin	5234-68-4	6.3E+03	n	8.2E+04	n					1.9E+03	n		1.0E+00	n	
						9.0E-04	I				1	Ceric oxide	1306-38-3	1.3E+06	nm	5.4E+06	nm	9.4E-01	n	3.9E+00	n						
				1.0E-01	I						1	Chloral Hydrate	302-17-0	7.8E													

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; J = New Jersey; O = EPA Office of Water; F = See FAQ; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; R = RBA applied (See User Guide for Arsenic notice); c = cancer; * = where n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

Toxicity and Chemical-specific Information										Contaminant		Screening Levels								Protection of Ground Water SSLs				
SFO (mg/kg-day) ⁻¹	ke IUR (ug/m ³ -day) ⁻¹	ke RfD _o (mg/kg-day)	ke RfC _i (mg/m ³)	ke V o	muta-	GIABS	ABS	C _{sat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident Air (ug/m ³)	key	Industrial Air (ug/m ³)	key	Tapwater (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	key	MCL-based SSL (mg/kg)
		2.0E-03	H					0.1	Chloroacetic Acid	79-11-8	1.3E+02	n	1.6E+03	n	3.1E-02	n	1.3E-01	n	4.0E+01	n	6.0E+01	8.1E-03	n	1.2E-02
				3.0E-05	I			0.1	Chloroacetophenone, 2-	532-27-4	4.3E+04	n	1.8E+05	nm	3.1E-02	n	1.3E-01	n	4.0E+01	n	6.0E+01	8.1E-03	n	1.2E-02
2.0E-01	P	4.0E-03	I					0.1	Chloroaniline, p-	106-47-8	2.7E+00	c*	1.1E+01	c	5.2E+01	n	2.2E+02	n	7.8E+01	n	1.0E+02	1.6E-04	c	6.8E-02
1.1E-01	C	3.1E-05	C	5.0E-02	P	V		7.6E+02	Chlorobenzene	108-90-7	2.8E+02	n	1.3E+03	ns	9.1E-02	c	4.0E-01	c	3.1E-01	c	1.0E+02	5.3E-02	n	6.8E-02
		2.0E-02	I					0.1	Chlorobenzilate	510-15-6	4.9E+00	c	2.1E+01	c	9.1E-02	c	4.0E-01	c	3.1E-01	c	1.0E+02	1.0E-03	c	6.8E-02
		3.0E-02	X					0.1	Chlorobenzoic Acid, p-	74-11-3	1.9E+03	n	2.5E+04	n	3.1E+02	n	1.3E+03	n	5.1E+02	n	6.0E+01	1.3E-01	n	1.2E-01
		3.0E-03	P	3.0E-01	P	V		1.2E+02	Chlorobenzotrifluoride, 4-	98-56-6	2.1E+02	ns	2.5E+03	ns	3.1E+02	n	1.3E+03	n	3.5E+01	n	6.0E+01	1.2E-01	n	2.6E-01
		4.0E-02	P					7.3E+02	Chlorobutane, 1-	109-69-3	3.1E+03	ns	4.7E+04	ns	3.1E+02	n	1.3E+03	n	6.4E+02	n	6.0E+01	1.2E-01	n	2.6E-01
				5.0E+01	I	V		1.7E+03	Chlorodifluoromethane	75-45-6	4.9E+04	ns	2.1E+05	nms	5.2E+04	n	2.2E+05	n	1.0E+05	n	8.0E+01(F)	4.3E+01	n	4.3E+01
3.1E-02	C	2.3E-05	I	1.0E-02	I	9.8E-02	A	2.5E+03	Chloroethanol, 2-	107-07-3	1.6E+03	n	2.3E+04	n	1.6E+03	n	2.3E+04	ns	4.0E+02	n	8.0E+01(F)	8.1E-02	n	8.1E-02
				1.0E-02	I	9.8E-02	A	2.5E+03	Chloroform	67-66-3	3.2E-01	c	1.4E+00	c	1.2E-01	c	5.3E-01	c	2.2E-01	c	8.0E+01(F)	6.1E-05	c	2.2E-02
				9.0E-02	I	V		1.3E+03	Chloromethane	74-87-3	1.1E+02	n	4.6E+02	n	9.4E+01	n	3.9E+02	n	1.9E+02	n	8.0E+01(F)	4.9E-02	n	4.9E-02
2.4E+00	C	6.9E-04	C					2.6E+04	Chloromethyl Methyl Ether	107-30-2	2.0E-02	c	8.9E-02	c	4.1E-03	c	1.8E-02	c	6.5E-03	c	8.0E+01(F)	1.4E-06	c	1.4E-06
3.0E-01	P	3.0E-03	P	1.0E-05	X			0.1	Chloronitrobenzene, o-	88-73-3	1.8E+00	c	7.7E+00	c	1.0E-02	c	4.4E-02	n	2.3E-01	c	8.0E+01(F)	2.2E-04	c	2.2E-04
6.3E-03	P	1.0E-03	P	6.0E-04	P			0.1	Chloronitrobenzene, p-	100-00-5	6.3E+01	n	3.6E+02	c**	6.3E-01	n	2.6E+00	n	1.1E+01	c**	8.0E+01(F)	1.0E-02	c**	1.0E-02
		5.0E-03	I					2.2E+04	Chlorophenol, 2-	95-57-8	3.9E+02	n	5.8E+03	n	4.2E-01	n	1.8E+00	n	9.1E+01	n	8.0E+01(F)	7.4E-02	n	7.4E-02
				4.0E-04	C	V		6.2E+02	Chloropicrin	76-06-2	2.0E+00	n	8.2E+00	n	4.2E-01	n	1.8E+00	n	8.3E-01	n	8.0E+01(F)	2.5E-04	n	2.5E-04
3.1E-03	C	8.9E-07	C	1.5E-02	I			0.1	Chlorothaloniol	1897-45-6	1.8E+02	c**	7.4E+02	c*	3.2E+00	c	1.4E+01	c	2.2E+01	c*	8.0E+01(F)	4.9E-02	c*	4.9E-02
		2.0E-02	I					9.1E+02	Chlorotoluene, o-	95-49-8	1.6E+03	ns	2.3E+04	ns	1.6E+03	ns	2.3E+04	ns	2.4E+02	n	8.0E+01(F)	2.3E-01	n	2.3E-01
		2.0E-02	X					9.1E+02	Chlorotoluene, p-	106-43-4	1.6E+03	ns	2.3E+04	ns	1.6E+03	ns	2.3E+04	ns	2.5E+02	n	8.0E+01(F)	2.4E-01	n	2.4E-01
2.4E+02	C	6.9E-02	C					0.1	Chlorzotocin	54749-90-5	2.3E-03	c	9.6E-03	c	4.1E-05	c	1.8E-04	c	3.2E-04	c	8.0E+01(F)	7.1E-08	c	7.1E-08
		2.0E-01	I					0.1	Chlorpropham	101-21-3	1.3E+04	n	1.6E+05	nm	1.3E+04	n	1.6E+05	nm	2.8E+03	n	8.0E+01(F)	2.6E+00	n	2.6E+00
		1.0E-03	A					0.1	Chlorpyrifos	2921-89-2	6.3E+01	n	8.2E+02	n	6.3E+01	n	8.2E+02	n	8.4E+00	n	8.0E+01(F)	1.2E-01	n	1.2E-01
		1.0E-02	H					0.1	Chlorpyrifos Methyl	5598-13-0	6.3E+02	n	8.2E+03	n	6.3E+02	n	8.2E+03	n	1.2E+02	n	8.0E+01(F)	5.4E-01	n	5.4E-01
		5.0E-02	I					0.1	Chlorsulfuron	64902-72-3	3.2E+03	n	4.1E+04	n	3.2E+03	n	4.1E+04	n	9.9E+02	n	8.0E+01(F)	8.3E-01	n	8.3E-01
		8.0E-04	H					0.1	Chlorzoxiprol	60238-86-4	5.1E+01	n	6.6E+02	n	5.1E+01	n	6.6E+02	n	2.8E+00	n	8.0E+01(F)	7.3E-02	n	7.3E-02
5.0E-01	J	8.4E-02	S	1.5E+00	I			0.013	Chromium(III) Insoluble Salts	16065-83-1	1.2E+05	nm	1.8E+06	nm	1.2E+05	nm	1.8E+06	nm	2.2E+04	n	8.0E+01(F)	4.0E+07	n	4.0E+07
		3.0E-03	I	1.0E-04	I	M		0.025	Chromium(VI)	13540-29-9	3.0E-01	c	6.3E+00	c	1.2E-05	c	1.5E-04	c	3.5E-02	c	8.0E+01(F)	6.7E-04	c	6.7E-04
				1.0E-04	I	M		0.013	Chromium Total	7440-47-3	3.0E-01	c	6.3E+00	c	1.2E-05	c	1.5E-04	c	3.5E-02	c	8.0E+01(F)	6.7E-04	c	6.7E-04
9.0E-03	P	3.0E-04	P	6.0E-06	P			1	Cobalt	7440-48-4	2.3E+01	n	3.5E+02	n	3.1E-04	c*	1.4E-03	c*	6.0E+00	n	8.0E+01(F)	2.7E-01	n	2.7E-01
6.2E-04	I	4.0E-02	H					1	Coke Oven Emissions	8007-45-2	3.1E+03	n	4.7E+04	n	1.6E-03	c	2.0E-02	c	8.0E+02	n	8.0E+01(F)	2.8E+01	n	2.8E+01
				4.0E-02	H			1	Copper	7440-50-8	3.1E+03	n	4.7E+04	n	1.6E-03	c	2.0E-02	c	8.0E+02	n	8.0E+01(F)	2.8E+01	n	2.8E+01
		5.0E-02	I	6.0E-01	C			0.1	Cresol, m-	108-39-4	3.2E+03	n	4.1E+04	n	6.3E+02	n	2.6E+03	n	9.3E+02	n	8.0E+01(F)	7.4E-01	n	7.4E-01
		5.0E-02	I	6.0E-01	C			0.1	Cresol, o-	95-49-7	3.2E+03	n	4.1E+04	n	6.3E+02	n	2.6E+03	n	9.3E+02	n	8.0E+01(F)	7.5E-01	n	7.5E-01
		1.0E-01	A	6.0E-01	C			0.1	Cresol, p-	106-44-5	6.3E+03	n	8.2E+04	n	6.3E+02	n	2.6E+03	n	1.9E+03	n	8.0E+01(F)	1.5E+00	n	1.5E+00
		1.0E-01	A	6.0E-01	C			0.1	Cresol, p-chloro-m-	59150-7	6.3E+03	n	8.2E+04	n	6.3E+02	n	2.6E+03	n	1.4E+03	n	8.0E+01(F)	1.7E+00	n	1.7E+00
1.9E+00	H	1.0E-01	A	6.0E-01	C			0.1	Cresol, p-chloro-m-	1319-77-3	6.3E+03	n	8.2E+04	n	6.3E+02	n	2.6E+03	n	1.9E+03	n	8.0E+01(F)	1.5E+00	n	1.5E+00
		1.0E-03	P					1.7E+04	Crotonaldehyde, trans-	123-73-9	3.7E-01	c	1.7E+00	c	6.3E+02	n	2.6E+03	n	4.0E-02	c	8.0E+01(F)	8.2E-06	c	8.2E-06
2.2E-01	C	6.3E-05	C	1.0E-01	I	V		2.7E+02	Cumene	98-82-8	1.9E+03	ns	9.9E+03	ns	4.2E+02	n	1.8E+03	n	4.5E+02	n	8.0E+01(F)	7.4E-01	n	7.4E-01
8.4E-01	H	2.0E-03	H					0.1	Cupferron	135-20-6	2.5E+00	c	1.0E+01	c	4.5E-02	c	1.9E-01	c	3.5E-01	c	8.0E+01(F)	6.1E-04	c	6.1E-04
		2.0E-03	H					0.1	Cyanazine	21125-46-2	6.5E-01	c	2.7E+00	c	4.5E-02	c	1.9E-01	c	3.5E-01	c	8.0E+01(F)	4.1E-05	c	4.1E-05
		1.0E-03	I					1	Cyanides															
		5.0E-03	I					1	~Calcium Cyanide	592-01-8	7.8E+01	n	1.2E+03	n	7.8E+01	n	1.2E+03	n	2.0E+01	n	8.0E+01(F)	n	n	n
		5.0E-03	I					1	~Copper Cyanide	544-92-3	3.9E+02	n	5.8E+03	n	3.9E+02	n	5.8E+03	n	1.0E+02	n	8.0E+01(F)	n	n	n
		6.0E-04	I	8.0E-04	S	V		9.7E+05	~Cyanide (CN-)	57-12-5	2.7E+00	n	1.2E+01	n	8.3E-01	n	3.5E+00	n	1.5E+00	n	2.0E+02	1.5E-02	n	2.0E+00
		1.0E-03	I					1	~Cyanogen	460-19-5	7.8E+01	n	1.2E+03	n	7.8E+01	n	1.2E+03	n	2.0E+01	n	2.0E+02	1.5E-02	n	2.0E+00
		9.0E-02	I					1	~Cyanogen Bromide	506-68-3	7.0E+03	n	1.1E+05	nm	7.0E+03	n	1.1E+05	nm	1.8E+03	n	2.0E+02	1.5E-02	n	2.0E+00
		5.0E-02	I					1	~Cyanogen Chloride	506-77-4	3.9E+03	n	5.8E+04	n	3.9E+03	n	5.8E+04	n	1.0E+03	n	2.0E+02	1.5E-02	n	2.0E+00
		6.0E-04	I	8.0E-04	I	V		1.0E+07	~Hydrogen Cyanide	74-90-8	2.3E+01	n	1.5E+02	n	8.3E-01	n	3.5E+00	n	1.5E+00	n	2.0E+02	1.5E-02	n	2.0E+00
		2.0E-03	I					1	~Potassium Cyanide	151-														

Regional Screening Level (RSL) Summary Table (TR-1E-6, HQ=1) June 2015 (revised)

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; J = New Jersey; O = EPA Office of Water; F = See FAQ; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; R = RBA applied (See User Guide for Arsenic notice); c = cancer; * = where n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

Toxicity and Chemical-specific Information										Contaminant		Screening Levels								Protection of Ground Water SSLs							
SFO (mg/kg-day) ⁻¹	Key	IUR (ug/m ³) ⁻¹	Key	RfD _o	Key	RfC ₁ (mg/m ³)	Key	muta-gen	GIABS	ABS	C _{sat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident Air (ug/m ³)	key	Industrial Air (ug/m ³)	key	Tapwater (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	key	MCL-based SSL (mg/kg)
3.4E-01	I	9.7E-05	C					V				DDE, p,p'	72-55-9	2.0E+00	c	9.3E+00	c	2.9E-02	c	1.3E-01	c	4.6E-02	c		1.1E-02	c	
3.4E-01	I	9.7E-05	I	5.0E-04	I					1	0.03	DDT	50-29-3	1.9E+00	c*	8.5E+00	c*	2.9E-02	c	1.3E-01	c	2.3E-01	c*		7.7E-02	c*	
				1.0E-02	I						0.1	Dacthal	1861-32-1	6.3E+02	n	8.2E+03	n					1.2E+02	n		1.5E-01	n	
				3.0E-02	I						0.1	Dalapon	75-99-0	1.9E+03	n	2.5E+04	n					6.0E+02	n	2.0E+02	1.2E-01	n	4.1E-02
7.0E-04	I			7.0E-03	I						0.1	Decabromodiphenyl ether, 2,2',3,3',4,4',5,5',6,6'- (BDE-209)	1163-19-5	4.4E+02	n	3.3E+03	c**					1.1E+02	c**		6.2E+01	c**	
				4.0E-05	I						0.1	Demeton	8065-48-3	2.5E+00	n	3.3E+01	n					6.7E-01	n				
1.2E-03	I			6.0E-01	I						0.1	Di(2-ethylhexyl)adipate	103-23-1	4.5E+02	c*	1.9E+03	c					6.5E+01	c	4.0E+02	4.7E+00	c	2.9E+01
6.1E-02	H										0.1	Diallate	2303-16-4	8.9E+00	c	3.8E+01	c					5.2E-01	c		7.8E-04	c	
				7.0E-04	A						0.1	Diazinon	333-41-5	4.4E+01	n	5.7E+02	n					1.0E+01	n		6.5E-02	n	
				1.0E-02	X			V			1	Dibenzothiophene	132-65-0	7.8E+02	n	1.2E+04	n					6.5E+01	n		1.2E+00	n	
8.0E-01	P	6.0E-03	P	2.0E-04	P	2.0E-04	I	V	M		1	Dibromo-3-chloropropane, 1,2-	96-12-8	5.3E-03	c	6.4E-02	c	1.7E-04	c	2.0E-03	c	3.3E-04	c*	2.0E-01	1.4E-07	c*	8.6E-05
				4.0E-04	X			V			1	Dibromobenzene, 1,3-	108-36-1	3.1E+01	n	4.7E+02	ns					3.5E+00	n		5.1E-03	n	
				1.0E-02	I			V			1	Dibromobenzene, 1,4-	106-37-6	7.8E+02	n	1.2E+04	n					1.3E+02	n		1.2E-01	n	
8.4E-02	I	2.7E-05	C	2.0E-02	I			V			1	Dibromochloromethane	124-48-1	7.5E-01	c	3.3E+00	c	1.0E-01	c	4.5E-01	c	1.7E-01	c	8.0E+01(F)	4.5E-05	c	2.1E-02
2.0E+00	I	6.0E-04	I	9.0E-03	I	9.0E-03	I	V			1	Dibromoethane, 1,2-	106-93-4	3.6E-02	c	1.6E-01	c	4.7E-03	c	2.0E-02	c	7.5E-03	c	5.0E-02	2.1E-06	c	1.4E-05
				1.0E-02	H	4.0E-03	X	V			1	Dibromomethane (Methylene Bromide)	74-95-3	2.3E+01	n	9.8E+01	n	4.2E+00	n	1.8E+01	n	8.0E+00	n		2.0E-03	n	
				3.0E-04	P						0.1	Dibutyltin Compounds	NA	1.9E+01	n	2.5E+02	n					6.0E+00	n				
				3.0E-02	I						0.1	Dicamba	1918-00-9	1.9E+03	n	2.5E+04	n					5.7E+02	n		1.5E-01	n	
				4.2E-03	P			V			1	Dichloro-2-butene, 1,4-	764-41-0	8.3E-03	c	3.6E-02	c	6.7E-04	c	2.9E-03	c	1.3E-03	c		6.2E-07	c	
				4.2E-03	P			V			1	Dichloro-2-butene, cis-1,4-	1476-11-5	4.7E-03	c	3.2E-02	c	6.7E-04	c	2.9E-03	c	1.3E-03	c		6.2E-07	c	
				4.2E-03	P			V			1	Dichloro-2-butene, trans-1,4-	110-57-6	7.4E-03	c	3.2E-02	c	6.7E-04	c	2.9E-03	c	1.3E-03	c		6.2E-07	c	
5.0E-02	I			4.0E-03	I						0.1	Dichloroacetic Acid	79-43-6	1.1E+01	c*	4.6E+01	c*					1.5E+00	c*	6.0E+01	3.1E-04	c*	1.2E-02
				9.0E-02	I	2.0E-01	H	V			1	Dichlorobenzene, 1,2-	95-50-1	1.8E+03	ns	9.3E+03	ns	2.1E+02	n	8.8E+02	n	3.0E+02	n	6.0E+02	3.0E-01	n	5.8E-01
5.4E-03	C	1.1E-05	C	7.0E-02	A	8.0E-01	I	V			1	Dichlorobenzene, 1,4-	106-46-7	2.6E+00	c	1.1E+01	c	2.6E-01	c	1.1E+00	c	4.8E-01	c	7.5E+01	4.6E-04	c	7.2E-02
4.5E-01	I	3.4E-04	C								0.1	Dichlorobenzidine, 3,3'-	91-94-1	1.2E+00	c	5.1E+00	c	8.3E-03	c	3.6E-02	c	1.2E-01	c		8.1E-04	c	
				9.0E-03	X			V			0.1	Dichlorobenzophenone, 4,4'-	90-98-2	5.7E+02	n	7.4E+03	n					7.8E+01	n		4.7E-01	n	
				2.0E-01	I	1.0E-01	X	V			1	Dichlorodifluoromethane	75-71-8	8.7E+01	n	3.7E+02	n	1.0E+02	n	4.4E+02	n	2.0E+02	n		3.0E-01	n	
5.7E-03	C	1.6E-06	C	2.0E-01	P			V			1	Dichloroethane, 1,1,2-	75-34-3	3.6E+00	c	1.6E+01	c	1.8E+00	c	7.7E+00	c	2.7E+00	c		7.8E-04	c	
9.1E-02	I	2.6E-05	I	6.0E-03	X	7.0E-03	P	V			1	Dichloroethane, 1,2-	107-06-2	4.6E-01	c*	2.0E+00	c*	1.1E-01	c*	4.7E-01	c*	1.7E-01	c*	5.0E+00	4.8E-05	c*	1.4E-03
				5.0E-02	I	2.0E-01	I	V			1	Dichloroethylene, 1,1-	75-35-4	2.3E+02	n	1.0E+03	n	2.1E+02	n	8.8E+02	n	2.8E+02	n	7.0E+00	1.0E-01	n	2.5E-03
				2.0E-03	I			V			1	Dichloroethylene, 1,2-cis-	156-59-2	1.6E+02	n	2.3E+03	n					3.6E+01	n	7.0E+01	1.1E-02	n	2.1E-02
				2.0E-02	I			V			1	Dichloroethylene, 1,2-trans-	156-60-5	1.6E+03	n	2.3E+04	ns					3.6E+02	n	1.0E+02	1.1E-01	n	3.1E-02
				3.0E-03	I			V			0.1	Dichlorophenol, 2,4-	120-83-2	1.9E+02	n	2.5E+03	n					4.6E+01	n		5.4E-02	n	
				1.0E-02	I			V			0.05	Dichlorophenoxy Acetic Acid, 2,4-	94-75-7	7.0E+02	n	9.6E+03	n					1.7E+02	n	7.0E+01	4.5E-02	n	1.8E-02
				8.0E-03	I			V			0.1	Dichlorophenoxybutyric Acid, 4-(2,4-	94-82-6	5.1E+02	n	6.6E+03	n					1.2E+02	n		1.1E-01	n	
3.6E-02	C	1.0E-05	C	9.0E-02	A	4.0E-03	I	V			1	Dichloropropane, 1,2-	78-87-5	1.0E+00	c*	4.4E+00	c*	2.8E-01	c*	1.2E+00	c*	4.4E-01	c*	5.0E+00	1.5E-04	c*	1.7E-03
				2.0E-02	P			V			1	Dichloropropane, 1,3-	142-28-9	1.6E+03	ns	2.3E+04	ns					3.7E+02	n		1.3E-01	n	
1.0E-01	I	4.0E-06	I	3.0E-03	I			V			0.1	Dichloropropanol, 2,3-	616-23-9	1.9E+02	n	2.5E+03	n					5.9E+01	n		1.3E-02	n	
				3.0E-02	I	2.0E-02	I	V			1	Dichloropropene, 1,3-	542-75-6	1.8E+00	c*	8.2E+00	c*	7.0E-01	c*	3.1E+00	c*	4.7E-01	c*		1.7E-04	c*	
2.9E-01	I	8.3E-05	C	5.0E-04	I	5.0E-04	I				0.1	Dichlorvos	62-73-7	1.9E+00	c*	7.9E+00	c*	3.4E-02	c*	1.5E-01	c*	2.6E-01	c*		8.1E-05	c*	
				8.0E-02	P	3.0E-04	X	V			1	Dicycloptadiene	77-73-6	1.3E+00	n	5.4E+00	n	3.1E-01	n	1.3E+00	n	6.3E-01	n		2.2E-03	n	
1.6E+01	I	4.6E-03	I	5.0E-05	I						0.1	Dieldrin	60-51-1	3.4E-02	c*	1.4E-01	c	6.1E-04	c	2.7E-03	c	1.7E-03	c		6.9E-05	c	
				3.0E-04	C						0.1	Diesel Engine Exhaust	NA					9.4E-03	c	4.1E-02	c				8.1E-03	n	
				2.0E-03	P	2.0E-04	P				0.1	Diethanolamine	111-42-2	1.3E+02	n	1.6E+03	n	2.1E-01	n	8.8E-01	n	4.0E+01	n		1.3E-01	n	
				3.0E-02	P	1.0E-04	P				0.1	Diethylene Glycol Monobutyl Ether	112-34-5	1.9E+03	n	2.4E+04	n	1.0E-01	n	4.4E-01	n	6.0E+02	n		2.4E-01	n	
				6.0E-02	P	3.0E-04	P				0.1	Diethylene Glycol Monoethyl Ether	111-90-0	3.8E+03	n	4.8E+04	n	3.1E-01	n	1.3E+00	n	1.2E+03	n		2.4E-01	n	
3.5E+02	C	1.0E-01	C	1.0E-03	P			V			1.1E+05	Diethylformamide	617-84-5	7.8E+01	n	1.2E+03	n					2.0E+01	n		4.1E-03	n	
				1.0E-03	P			V			1	Diethylstilbestrol	56-53-1	1.6E-03	c	6.6E-03	c	2.8E-05	c	1.2E-04	c	4.9E-05	c		2.7E-05	c	
				8.0E-02	I						0.1	Difenzoquat	43222-48-6	5.1E+03	n	6.6E+04	n					1.6E+03	n				
				2.0E-02	I						0.1	Diflubenzuron	35367-38-5	1.3E+03	n	1.6E+04	n					2.9E+02	n		3.3E-		

Regional Screening Level (RSL) Summary Table (TR=1E-6, HQ=1) June 2015 (revised)

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; J = New Jersey; O = EPA Office of Water; F = See FAQ; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; R = RBA applied (See User Guide for Arsenic notice); c = cancer; * = where n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

Toxicity and Chemical-specific Information										Contaminant		Screening Levels								Protection of Ground Water SSLs					
SFO (mg/kg-day) ⁻¹	ke IUR (ug/m ³) ⁻¹	ke RfD _o (mg/kg-day)	ke RfC ₁ (mg/m ³)	ke V o c	muta-gen	GIABS	ABS	C _{sat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident Air (ug/m ³)	key	Industrial Air (ug/m ³)	key	Tapwater (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	key	MCL-based SSL (mg/kg)	
5.5E+02	C	1.6E-01	C					1.9E+05	Dimethylhydrazine, 1,2-	540-73-8	8.8E-04	c	4.1E-03	c	1.8E-05	c	7.7E-05	c	2.8E-05	c			6.5E-09	c	
		2.0E-02	I					0.1	Dimethylphenol, 2,4-	105-67-9	1.3E+03	n	1.6E+04	n					3.6E+02	n			4.2E-01	n	
		6.0E-04	I					0.1	Dimethylphenol, 2,6-	576-26-1	3.8E+01	n	4.9E+02	n					1.1E+01	n			1.3E-02	n	
		1.0E-03	I					0.1	Dimethylphenol, 3,4-	95-65-8	6.3E+01	n	8.2E+02	n					1.8E+01	n			2.1E-02	n	
4.5E-02	C	1.3E-05	C					1.1E+03	Dimethylvinylchloride	513-37-1	2.1E-01	c	9.4E-01	c	2.2E-01	c	9.4E-01	c	3.3E-01	c			2.0E-04	c	
		8.0E-05	X					0.1	Dinitro-o-cresol, 4,6-	534-52-1	5.1E+00	n	6.6E+01	n					1.5E+00	n			2.6E-03	n	
		2.0E-03	I					0.1	Dinitro-o-cyclohexyl Phenol, 4,6-	131-89-5	1.3E+02	n	1.6E+03	n					2.3E+01	n			7.7E-01	n	
		1.0E-04	P					0.1	Dinitrobenzene, 1,2-	528-29-0	6.3E+00	n	8.2E+01	n					1.9E+00	n			1.8E-03	n	
		1.0E-04	I					0.1	Dinitrobenzene, 1,3-	99-65-0	6.3E+00	n	8.2E+01	n					2.0E+00	n			1.8E-03	n	
		1.0E-04	P					0.1	Dinitrobenzene, 1,4-	100-25-4	6.3E+00	n	8.2E+01	n					2.0E+00	n			1.8E-03	n	
		2.0E-03	I					0.1	Dinitrophenol, 2,4-	51-28-5	1.3E+02	n	1.6E+03	n					3.9E+01	n			4.4E-02	n	
6.8E-01	I							0.1	Dinitrotoluene Mixture, 2,4/2,6-	NA	8.0E-01	c	3.4E+00	c					1.1E-01	c			1.5E-04	c	
3.1E-01	C	8.9E-05	C					0.102	Dinitrotoluene, 2,4-	121-14-2	1.7E+00	c*	7.4E+00	c	3.2E-02	c	1.4E-01	c	2.4E-01	c			3.2E-04	c	
1.5E+00	P							0.099	Dinitrotoluene, 2,6-	606-20-2	3.6E-01	c*	1.5E+00	c					4.8E-02	c			6.7E-05	c	
		2.0E-03	S					0.006	Dinitrotoluene, 2-Amino-4,6-	35572-78-2	1.5E+02	n	2.3E+03	n					3.9E+01	n			3.0E-02	n	
		2.0E-03	S					0.009	Dinitrotoluene, 4-Amino-2,6-	19406-51-0	1.5E+02	n	2.3E+03	n					3.9E+01	n			3.0E-02	n	
4.5E-01	X							0.1	Dinitrotoluene, Technical grade	25321-14-6	1.2E+00	c*	5.1E+00	c					1.6E-01	c			2.2E-04	c	
		9.0E-04	X					0.1	Dioxane	88-85-7	6.3E+01	n	8.2E+02	n					1.5E+01	n			1.3E-01	n	6.2E-02
1.0E-01	I	5.0E-06	I					0.1	Dioxane, 1,4-	123-91-1	5.3E+00	c	2.4E+01	c	5.6E-01	c*	2.5E+00	c*	4.6E-01	c	7.0E+00		9.4E-05	c	
6.2E+03	I	1.3E+00	I					0.03	Dioxins	NA	1.0E-04	c	4.7E-04	c	2.2E-06	c	9.4E-06	c	1.3E-05	c			1.7E-05	c	
1.3E+05	C	3.8E+01	C					0.03	-Hexachlorodibenzo-p-dioxin, Mixture ~ICDD, 2,3,7,8-	1746-01-6	4.8E-06	c*	2.2E-05	c*	7.4E-08	c	3.2E-07	c	1.2E-07	c	3.0E-05		5.9E-08	c	1.5E-05
		3.0E-02	I					0.1	Diphenamid	957-51-7	1.9E+03	n	2.5E+04	n					5.3E+02	n			5.2E+00	n	
		8.0E-04	X					0.1	Diphenyl Sulfone	127-83-9	5.1E+01	n	6.6E+02	n					1.5E+01	n			3.6E-02	n	
		2.5E-02	I					0.1	Diphenylamine	122-39-4	1.6E+03	n	2.1E+04	n					3.1E+02	n			5.8E-01	n	
8.0E-01	I	2.2E-04	I					0.1	Diphenylhydrazine, 1,2-	122-86-7	6.8E-01	c	2.9E+00	c	1.3E-02	c	5.6E-02	c	7.7E-02	c			2.5E-04	c	
		2.2E-03	I					0.1	Diquat	89-00-7	1.4E+02	n	1.8E+03	n					4.4E+01	n			8.3E-01	n	3.7E-01
7.1E+00	C	1.4E-01	C					0.1	Direct Black 38	1937-37-7	7.6E-02	c	3.2E-01	c	2.0E-05	c	8.8E-05	c	1.1E-02	c			5.3E+00	c	
7.4E+00	C	1.4E-01	C					0.1	Direct Blue 61	2802-43-2	7.3E-02	c	3.1E-01	c	2.0E-05	c	8.8E-05	c	1.1E-02	c			1.7E+01	c	
6.7E+00	C	1.4E-01	C					0.1	Direct Brown 95	16071-86-6	8.1E-02	c	3.4E-01	c	2.0E-05	c	8.8E-05	c	1.2E-02	c				c	
		4.0E-05	I					0.1	Disulfoton	298-04-4	2.5E+00	n	3.3E+01	n					5.0E-01	n			9.4E-04	n	
		1.0E-02	I					0.1	Dithiane, 1,4-	505-29-3	7.8E+02	n	1.2E+04	n					2.0E+02	n			9.7E-02	n	
		2.0E-03	I					0.1	Diuron	330-54-1	1.3E+02	n	1.6E+03	n					3.6E+01	n			1.5E-02	n	
		4.0E-03	I					0.1	Dodine	2439-10-3	2.5E+02	n	3.3E+03	n					8.0E+01	n			4.1E-01	n	
		2.5E-02	I					0.1	EPTO	759-94-4	2.0E+03	n	2.9E+04	n					3.8E+02	n			2.0E-01	n	
		6.0E-03	I					0.1	Endosulfan	116-29-7	4.7E+02	n	7.0E+03	n					1.0E+02	n			1.4E+00	n	
		2.0E-02	I					0.1	Endothal	146-73-3	1.3E+03	n	1.6E+04	n					3.8E+02	n			9.1E-02	n	2.4E-02
		3.0E-04	I					0.1	Erdrin	72-20-8	1.9E+01	n	2.5E+02	n					2.3E+00	n			2.0E+00	n	8.1E-02
9.9E-03	I	1.2E-06	I					1.1E+04	Epichlorohydrin	106-89-8	1.9E+01	n	8.2E+01	n	1.0E+00	n	4.4E+00	n	2.0E+00	n			4.5E-04	n	
		6.0E-03	P					1.5E+04	Epoxybutane, 1,2-	106-88-7	1.6E+02	n	6.7E+02	n	2.1E+01	n	8.8E+01	n	4.2E+01	n			9.2E-03	n	
		5.0E-03	I					0.1	Ethephon	16672-87-0	3.2E+02	n	4.1E+03	n					1.0E+02	n			2.1E-02	n	
		5.0E-04	I					0.1	Ethion	563-12-2	3.2E+01	n	4.1E+02	n					4.3E+00	n			8.5E-03	n	
		1.0E-01	P					3.1E+04	Ethoxyethanol Acetate, 2-	111-15-9	2.6E+03	n	1.4E+04	n	6.3E+01	n	2.6E+02	n	1.2E+02	n			2.5E-02	n	
		9.0E-02	P					1.1E+05	Ethoxyethanol, 2-	110-80-5	5.2E+03	n	4.7E+04	n	2.1E+02	n	8.8E+02	n	3.4E+02	n			6.8E-02	n	
		9.0E-01	I					1.1E+04	Ethyl Acetate	141-78-6	6.2E+02	n	2.6E+03	n	7.3E+01	n	3.1E+02	n	1.4E+02	n			3.1E-02	n	
4.8E-02	H							2.5E+03	Ethyl Acrylate	140-88-5	1.4E+01	c**	6.8E+01	c**	8.3E+00	n	3.5E+01	n	1.6E+00	c**			3.5E-04	c**	
		1.0E+01	I					2.1E+03	Ethyl Chloride (Chloroethane)	75-00-3	1.4E+04	ns	5.7E+04	ns	1.0E+04	n	4.4E+04	n	2.1E+04	n			5.9E+00	n	
		2.0E-01	I					1.0E+04	Ethyl Ether	60-29-7	1.6E+04	ns	2.3E+05	nms					3.9E+03	n			8.8E-01	n	
		9.0E-02	H					1.1E+03	Ethyl Methacrylate	97-63-2	1.4E+03	ns	7.1E+03	ns	3.1E+02	n	1.3E+03	n	4.6E+02	n			1.1E-01	n	
		1.0E-05	I					0.1	Ethyl-p-nitrophenyl Phosphonate	2104-64-5	6.3E-01	n	8.2E+00	n					8.9E-02	n			2.8E-03	n	
1.1E-02	C	2.5E-06	C					4.8E+02	Ethylbenzene	100-41-4	5.8E+00	c	2.5E+01	c	1.1E+00	c	4.9E+00	c	1.5E+00	c			1.7E-03	c	7.8E-01
		1.0E-01	I					0.1	Ethylene Cyanohydrin	109-78-4	4.4E+03	n	5.7E+04	n					1.4E+03	n			2.8E-01	n	
		9.0E-02	P					1.9E+05	Ethylene Diamine	107-15-3	7.0E+03	n	1.1E+05	nm					1.8E+03	n			4.1E-01	n	
		2.0E+00	I					0.1	Ethylene Glycol	107-21-1	1.3E+05	nm	1.6E+06	nm	4.2E+02	n	1.8E+03	n	4.0E+04	n			8.1E+00	n	
		1.0E-01	I					0.1	Ethylene Glycol Monobutyl Ether	111-76-2	6.3E+03	n	8.2E+04	n	1.7E+03	n	7.0E+03	n	2.0E+03	n			4.1E-01	n	
3.1E-01	C	8.8E-05	C					1.2E+05	Ethylene Oxide	75-21-8	1.8E-01	c	7.9E-01												

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; J = New Jersey; O = EPA Office of Water; F = See FAQ; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; R = RBA applied (See User Guide for Arsenic notice); c = cancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

Toxicity and Chemical-specific Information											Contaminant		Screening Levels								Protection of Ground Water SSLs								
SFO (mg/kg-day) ⁻¹	ke (y)	IUR (ug/m ³) ⁻¹	ke (y)	RfD _o (mg/kg-day)	ke (y)	RfC _i (mg/m ³) ⁻¹	ke (y)	muta-gen	GIABS	ABS	C _{sat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident Air (ug/m ³)	key	Industrial Air (ug/m ³)	key	Tapwater (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	key	MCL-based SSL (mg/kg)		
				8.0E-02	I					1	0.1	Fluridone	59756-60-4	5.1E+03	n	6.6E+04	n					1.4E+03	n		1.6E+02	n			
				2.0E-02	I					1	0.1	Flurprimidol	56425-91-3	1.3E+03	n	1.6E+04	n					3.4E+02	n		1.6E+00	n			
				6.0E-02	I					1	0.1	Flutolanil	66332-96-5	3.8E+03	n	4.9E+04	n					9.5E+02	n		5.0E+00	n			
				1.0E-02	I					1	0.1	Fluvalinate	69409-94-5	6.3E+02	n	8.2E+03	n					2.0E+02	n		2.9E+02	n			
3.5E-03	I			1.0E-01	I					1	0.1	Folpet	133-07-3	1.6E+02	c*	6.6E+02	c					2.0E+01	c*		4.7E-03	c*			
1.9E-01	I			2.0E-03	I					1	0.1	Fomesafen	72178-02-0	2.9E+00	c	1.2E+01	c					3.9E-01	c		1.3E-03	c			
				2.0E-01	I	9.8E-03	A	V		1	0.1	Fonofos	944-22-9	1.3E+02	n	1.6E+03	n	2.2E-01	c*	9.4E-01	c*	2.4E+01	n		4.7E-02	n			
1.3E-05	I			2.0E-01	I					1	4.2E+04	Formaldehyde	50-00-0	1.7E+01	c*	7.3E+01	c*					4.3E-01	c*		8.7E-05	c*			
				9.0E-01	P	3.0E-04	X	V		1	1.1E+05	Formic Acid	64-18-6	2.9E+01	n	1.2E+02	n	3.1E-01	n	1.3E+00	n	6.3E-01	n		1.3E-04	n			
				3.0E+00	I					1	0.1	Fosetyl-AL	39148-24-8	1.9E+05	nm	2.5E+06	nm					6.0E+04	n			n			
				1.0E-03	X			V		1	0.03	-Dibenzofuran	132-64-9	7.3E+01	n	1.0E+03	n					7.9E+00	n		1.5E-01	n			
				1.0E-03	I			V		1	0.03	-Furan	110-00-9	7.3E+01	n	1.0E+03	n					1.9E+01	n		7.3E-03	n			
				9.0E-01	I	2.0E+00	I	V		1	0.03	-Tetrahydrofuran	109-99-9	1.8E+04	n	9.6E+04	n	2.1E+03	n	8.8E+03	n	3.4E+03	n		7.5E-01	n			
3.8E+00	H			3.0E-03	I	5.0E-02	H	V		1	1.0E+04	Furazolidone	67-45-8	1.4E-01	c	6.0E-01	c					2.0E-02	c		3.9E-05	c			
1.5E+00	C	4.3E-04	C							1	0.1	Furfural	98-01-1	2.1E+02	n	2.6E+03	n	5.2E+01	n	2.2E+02	n	3.8E+01	n		8.1E-03	n			
										1	0.1	Furium	531-82-8	3.6E-01	c	1.5E+00	c	6.5E-03	c	2.9E-02	c	5.0E-02	c		6.8E-05	c			
3.0E-02	I	8.6E-06	C							1	0.1	Furmecyclo	60568-05-0	1.8E+01	c	7.7E+01	c	3.3E-01	c	1.4E+00	c	1.1E+00	c		1.2E-03	c			
				4.0E-04	I					1	0.1	Glufosinate, Ammonium	77182-82-2	2.5E+01	n	3.3E+02	n					8.0E+00	n		1.8E-03	n			
						8.0E-05	C			1	0.1	Glutaraldehyde	111-30-8	1.1E+05	nm	4.8E+05	nm	8.3E-02	n	3.5E-01	n					n			
				4.0E-04	I	1.0E-03	H	V		1	1.1E+05	Glycidyl	785-34-4	2.2E+01	n	1.9E+02	n	1.0E+00	n	4.4E+00	n	1.7E+00	n		3.3E-04	n			
				1.0E-01	I					1	0.1	Glycosate	1071-83-6	6.3E+03	n	8.2E+04	n					2.0E+03	n	7.0E+02	8.8E+00	n	3.1E+00		
				3.0E-03	I					1	0.1	Goal	428/14-U3-3	1.9E+02	n	2.5E+03	n					3.2E+01	n		2.5E+00	n			
				1.0E-02	X			V		1		Guandine	113-00-8	7.8E+02	n	1.2E+04	n					2.0E+02	n		4.5E-02	n			
				2.0E-02	P					1	0.1	Guandine Chloride	50-01-1	1.3E+03	n	1.6E+04	n					4.0E+02	n			n			
				3.0E-03	A	1.0E-02	A			1	0.1	Guthion	88-50-0	1.9E+02	n	2.5E+03	n	1.0E+01	n	4.4E+01	n	5.6E+01	n		1.7E-02	n			
				5.0E-05	I					1	0.1	Haloxypol, Methyl	66806-40-2	3.2E+00	n	4.1E+01	n					7.6E-01	n		8.4E-03	n			
				1.3E-02	I					1	0.1	Harmony	78277-27-3	8.2E+02	n	1.1E+04	n					2.6E+02	n		7.8E-02	n			
4.5E+00	I	1.3E-03	I	5.0E-04	I			V		1		Heptachlor	76-41-5	1.3E-01	c	6.3E-01	c	2.2E-03	c	9.4E-03	c	1.4E-03	c	4.0E-01	1.1E-04	c	3.3E-02		
9.1E+00	I	2.6E-03	I	1.3E-05	I			V		1		Heptachlor Epoxide	1024-57-3	7.0E-02	c*	3.3E-01	c*	1.1E-03	c	4.7E-03	c	1.4E-03	c*	2.0E-01	2.8E-05	c*	4.1E-03		
				2.0E-03	I			V		1		Hexabromobenzene	87-82-1	1.6E+02	n	2.3E+03	n					4.0E+01	n		2.3E-01	n			
				2.0E-04	I					1	0.1	Hexabromodiphenyl ether, 2,2',4,4',5,5'-(BDE-153)	68631-49-2	1.3E+01	n	1.6E+02	n					4.0E+00	n			n			
1.6E+00	I	4.6E-04	I	8.0E-04	I			V		1		Hexachlorobenzene	148-74-1	2.1E-01	c	9.6E-01	c	6.1E-03	c	2.7E-02	c	9.8E-03	c	1.0E+00	1.2E-04	c	1.3E-02		
7.8E-02	I	2.2E-05	I	1.0E-03	P			V		1	1.7E+01	Hexachlorobutadiene	87-68-3	1.2E+00	c*	5.3E+00	c	1.3E-01	c	5.6E-01	c	1.4E-01	c*		2.6E-04	c*			
6.3E+00	I	1.8E-03	I	8.0E-03	A					1	0.1	Hexachlorocyclohexane, Alpha	319-84-6	8.6E-02	c	3.6E-01	c	1.6E-03	c	6.8E-03	c	7.1E-03	c		4.1E-05	c			
1.8E+00	I	5.3E-04	I							1	0.1	Hexachlorocyclohexane, Beta	319-85-7	3.0E-01	c	1.3E+00	c	5.3E-03	c	2.3E-02	c	2.5E-02	c		1.4E-04	c			
1.1E+00	C	3.1E-04	C	3.0E-04	I					1	0.4	Hexachlorocyclohexane, Gamma (Lindane)	58-89-9	5.7E-01	c*	2.5E+00	c	9.1E-03	c	4.0E-02	c	4.1E-02	c*	2.0E-01	2.4E-04	c*	1.2E-03		
1.8E+00	I	5.1E-04	I							1	0.1	Hexachlorocyclohexane, Technical	608-73-1	3.0E-01	c	1.3E+00	c	5.5E-03	c	2.4E-02	c	2.5E-02	c		1.4E-04	c			
4.0E-02	I	1.1E-05	C	6.0E-03	I	2.0E-04	I	V		1	1.6E+01	Hexachlorocyclopentadiene	77-47-4	1.8E+00	n	7.5E+00	n	2.1E-01	n	8.8E-01	n	4.1E-01	n	5.0E+01	1.3E-03	n	1.6E-01		
				7.0E-04	I	3.0E-02	I	V		1		Hexachloroethane	67-72-1	1.8E+00	c*	8.0E+00	c*	2.6E-01	c	1.1E+00	c	3.3E-01	c*		2.0E-04	c*			
				3.0E-04	I					1	0.1	Hexachlorophene	70-30-4	1.9E+01	n	2.5E+02	n					6.0E+00	n		8.0E+00	n			
1.1E-01	I			3.0E-03	I					1	0.015	Hexahydro-1,3,5-Trinitro-1,3,5-triazine (RDX)	121-82-4	6.1E+00	c*	2.8E+01	c					7.0E-01	c*		2.7E-04	c*			
				4.0E-04	P	1.0E-05	I	V		1	5.2E+03	Hexamethylene Diisocyanate, 1,6-Hexamethylphosphoramide	822-06-0 680-31-9	3.1E+00 2.5E+01	n n	1.3E+01 3.3E+02	n n	1.0E-02	n	4.4E-02	n	2.1E-02	n	8.0E+00	n		2.1E-04	n	1.8E-03
				6.0E-02	H	7.0E-01	I	V		1	1.4E+02	Hexane, N-	110-54-3	5.4E+02	ns	2.5E+03	ns	7.3E+02	n	3.1E+03	n	3.2E+02	n		2.3E+00	n			
				2.0E+00	P					1	0.1	Hexanedioic Acid	124-04-9	1.3E+05	nm	1.6E+06	nm					4.0E+04	n		9.9E+00	n			
				5.0E-03	I	3.0E-02	I	V		1	3.3E+03	Hexanone, 2-	591-78-6	2.0E+02	n	1.3E+03	n	3.1E+01	n	1.3E+02	n	3.8E+01	n		8.8E-03	n			
				3.3E-02	I					1	0.1	Hexazinone	51235-04-2	2.1E+03	n	2.7E+04	n					6.4E+02	n		3.0E-01	n			
3.0E+00	I	4.9E-03	I			3.0E-05	P	V		1		Hydrazine	302-01-2	2.3E-01	c	1.1E+00	c	5.7E-04	c*	2.5E-03	c*	1.1E-03	c*			c*			
3.0E+00	I	4.9E-03	I							1		Hydrazine Sulfate	10034-93-2	2.3E-01	c	1.1E+00	c	5.7E-04	c	2.5E-03	c	2.6E-02	c			c			
				2.0E-02	I			V		1		Hydrogen Chloride	7647-01-0	2.8E+07	nm	1.2E+08	nm	2.1E+01	n	8.8E+01	n	4.2E+01	n			n			
				4.0E-02	C	1.4E-02	C	V		1		Hydrogen Fluoride	7664-39-3	3.1E+03	n	4.7E+04	n	1.5E+01	n	6.1E+01	n	2.8E+01	n			n			
				2.0E-03	I																								

Regional Screening Level (RSL) Summary Table (TR-1E-6, HQ=1) June 2015 (revised)

Toxicity and Chemical-specific Information											Contaminant		Screening Levels								Protection of Ground Water SSLs					
SFO (mg/kg-day) ⁻¹	Key IUR (ug/m ³ -y) ⁻¹	Key RfD _o (mg/kg-day)	Key RfC ₁ (mg/m ³ -y)	Key V _o	Key mutagen	GIABS	ABS	C _{sat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident Air (ug/m ³)	key	Industrial Air (ug/m ³)	key	Tapwater (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	key	MCL-based SSL (mg/kg)		
			3.0E-01	A	V		1		JP-7	NA	4.3E+08	nm	1.8E+09	nm	3.1E+02	n	1.3E+03	n	6.3E+02	n			n			
		7.5E-02	I				1	0.1	Kerb	23950-58-5	4.7E+03	n	6.2E+04	n					1.2E+03	n		1.2E+00	n			
		2.0E-03	I				1	0.1	Lactofen	77501-63-4	1.3E+02	n	1.6E+03	n					2.5E+01	n		1.2E+00	n			
									Lead Compounds																	
5.0E-01	C	1.5E-01	C	2.0E-02	C	2.0E-04	C	M	0.025	1	7758-97-6	c	6.2E+00	c	6.8E-06	c	8.2E-05	c	4.1E-02	c			c			
8.5E-03	C	1.2E-05	C				1		Lead Chromate	7446-27-7	8.2E+01	c	3.8E+02	c	2.3E-01	c	1.0E+00	c	9.1E+00	c			c			
2.8E-01	C	8.0E-05	C				1	0.1	Lead Phosphate	301-04-2	1.9E+00	c	8.2E+00	c	3.5E-02	c	1.5E-01	c	2.8E-01	c			c			
8.5E-03	C	1.2E-05	C				1	0.1	Lead and Compounds	7439-92-1	4.0E+02		8.0E+02	L	1.5E-01	L			1.5E+01	L	1.5E+01		L	1.4E+01		
							1	0.1	Lead subacetate	1335-32-6	6.4E+01	c	2.7E+02	c	2.3E-01	c	1.0E+00	c	9.2E+00	c			c			
		1.0E-07	I		V		1	2.4E+00	Tetraethyl Lead	78-00-2	7.8E-03	n	1.2E-01	n					1.3E-03	n			4.7E-06	n		
		2.0E-03	I				1	0.1	Linuron	330-55-2	1.3E+02	n	1.6E+03	n					3.3E+01	n			2.9E-02	n		
		2.0E-03	P				1		Lithium	7439-93-2	1.6E+02	n	2.3E+03	n					4.0E+01	n			1.2E+01	n		
		2.0E-01	I				1	0.1	Londax	83055-99-8	1.3E+04	n	1.6E+05	nm					3.9E+03	n			1.0E+00	n		
		5.0E-04	I				1	0.1	MCPA	94-74-6	3.2E+01	n	4.1E+02	n					7.5E+00	n			2.0E-03	n		
		1.0E-02	I				1	0.1	MCPB	94-81-5	6.3E+02	n	8.2E+03	n					1.5E+02	n			5.8E-02	n		
		1.0E-03	I				1	0.1	MCPP	93-65-2	6.3E+01	n	8.2E+02	n					1.6E+01	n			4.6E-03	n		
		2.0E-02	I				1	0.1	Malathion	121-75-5	1.3E+03	n	1.6E+04	n					3.9E+02	n			1.0E-01	n		
		1.0E-01	I	7.0E-04	C		1	0.1	Maleic Anhydride	108-31-6	6.3E+03	n	8.0E+04	n	7.3E-01	n	3.1E+00	n	1.9E+03	n			3.8E-01	n		
		5.0E-01	I				1	0.1	Maleic Hydrazide	123-33-1	3.2E+04	n	4.1E+05	nm					1.0E+04	n			2.1E+00	n		
		1.0E-04	P				1	0.1	Malononitrile	109-77-3	6.3E+00	n	8.2E+01	n					2.0E+00	n			4.1E-04	n		
		3.0E-02	H				1	0.1	Mancozeb	8018-01-7	1.9E+03	n	2.5E+04	n					5.4E+02	n			1.0E-01	n		
		5.0E-03	I				1	0.1	Maneb	12427-38-2	3.2E+02	n	4.1E+03	n					9.8E+01	n			1.4E-01	n		
		1.4E-01	I	5.0E-05	I		1		Manganese (Diet)	7439-96-5	7.439-96-5															
		2.4E-02	S	5.0E-05	I		0.04		Manganese (Non-diet)	7439-96-5	1.8E+03	n	2.6E+04	n	5.2E-02	n	2.2E-01	n	4.3E+02	n			2.8E+01	n		
		9.0E-05	H				1	0.1	Mephosolan	950-10-7	5.7E+00	n	7.4E+01	n					1.8E+00	n			2.6E-03	n		
		3.0E-02	I				1	0.1	Meprosolone	24307-28-4	1.9E+03	n	2.5E+04	n					6.0E+02	n			2.0E-01	n		
									Mercury Compounds																	
		3.0E-04	I	3.0E-04	S		0.07		Mercuric Chloride (and other Mercury salts)	7487-94-7	2.3E+01	n	3.5E+02	n	3.1E-01	n	1.3E+00	n	5.7E+00	n	2.0E+00		n			
				3.0E-04	I	V		3.1E+00	Mercury (elemental)	7439-97-6	9.4E+00	ns	4.0E+01	ns	3.1E-01	n	1.3E+00	n	6.3E-01	n	2.0E+00		3.3E-02	n		
		1.0E-04	I				1		Methyl Mercury	22967-92-6	7.8E+00	n	1.2E+02	n					2.0E+00	n			1.0E-01	n		
		8.0E-05	I				1	0.1	Phenylmercuric Acetate	62-38-4	5.1E+00	n	6.6E+01	n					1.6E+00	n			5.0E-04	n		
		3.0E-05	I		V		1		Merphos	150-50-5	2.3E+00	n	3.5E+01	n					6.0E-01	n			5.9E-02	n		
		3.0E-05	I				1	0.1	Merphos Oxide	78-48-8	1.9E+00	n	2.5E+01	n					8.5E-02	n			4.2E-04	n		
		6.0E-02	I				1	0.1	Metalaxyl	57837-19-1	3.8E+02	n	4.9E+04	n					1.2E+03	n			3.3E-01	n		
		1.0E-04	I	3.0E-02	P	V		4.6E+03	Methacrylonitrile	126-98-7	7.5E+00	n	1.0E+02	n	3.1E+01	n	1.3E+02	n	1.9E+00	n			4.3E-04	n		
		5.0E-05	I				1	0.1	Methamidophos	10265-92-6	3.2E+00	n	4.1E+01	n					1.0E+00	n			2.1E-04	n		
		2.0E+00	I	2.0E+01	I	V		1.1E+05	Methanol	67-56-1	1.2E+06	nms	1.2E+06	nms	2.1E+04	n	8.8E+04	n	2.0E+04	n			4.1E+00	n		
		1.0E-03	I				1	0.1	Methidathion	950-37-8	6.3E+01	n	8.2E+02	n					1.9E+01	n			4.7E-03	n		
		2.5E-02	I				1	0.1	Methomyl	16752-11-5	1.6E+03	n	2.1E+04	n					5.0E+02	n			1.1E-01	n		
4.9E-02	C	1.4E-05	C				1	0.1	Methoxy-5-nitroaniline, 2-	99-59-2	1.1E+01	c	4.7E+01	c	2.0E-01	c	8.8E-01	c	1.5E+00	c	4.0E+01		5.3E-04	c		
		5.0E-03	I				1	0.1	Methoxychlor	72-43-5	3.2E+02	n	4.1E+03	n					3.7E+01	n			2.0E+00	n		
		8.0E-03	P	1.0E-03	P	V		1.2E+05	Methoxyethanol Acetate, 2-	110-49-6	1.1E+02	n	5.1E+02	n	1.0E+00	n	4.4E+00	n	2.1E+00	n			4.2E-04	n		
		5.0E-03	P	2.0E-02	I	V		1.1E+05	Methoxyethanol, 2-	109-86-4	3.3E+02	n	3.5E+03	n	2.1E+01	n	8.8E+01	n	2.9E+01	n			5.9E-03	n		
		1.0E+00	X		V		1	2.9E+04	Methyl Acetate	79-20-9	7.8E+00	ns	1.2E+06	nms					2.0E+04	n			4.1E+00	n		
		3.0E-02	H	2.0E-02	P	V		6.8E+03	Methyl Acrylate	96-33-3	1.4E+02	n	6.0E+02	n	2.1E+01	n	8.8E+01	n	3.9E+01	n			8.3E-03	n		
		6.0E-01	I	5.0E+00	I	V		2.8E+04	Methyl Ethyl Ketone (2-Butanone)	78-93-3	2.7E+04	n	1.9E+05	nms	5.2E+03	n	2.2E+04	n	5.6E+03	n			1.2E+00	n		
		1.0E-03	X				1	1.8E+05	Methyl Hydrazine	60-34-4	4.4E-01	c**	1.9E+00	c**	2.8E-03	c**	1.2E-02	c**	5.6E-03	c**			1.3E-06	c**		
		8.0E-02	H	3.0E+00	I	V		3.4E+03	Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	5.3E+03	ns	5.6E+04	ns	3.1E+03	n	1.3E+04	n	1.2E+03	n			2.8E-01	n		
				1.0E-03	C	V		1.7E+04	Methyl Isocyanate	624-83-9	4.6E+00	n	1.9E+01	n	1.0E+00	n	4.4E+00	n	2.1E+00	n			5.9E-04	n		
		1.4E+00	I	7.0E-01	I	V		2.4E+03	Methyl Methacrylate	80-62-6	4.4E+03	ns	1.9E+04	ns	7.3E+02	n	3.1E+03	n	1.4E+03	n			3.0E-01	n		
		2.5E-04	I				1	0.1	Methyl Parathion	298-00-0	1.6E+01	n	2.1E+02	n					4.5E+00	n			7.4E-03	n		
		6.0E-02	X				1	0.1	Methyl Phosphonic Acid	993-13-5	3.8E+03	n	4.9E+04	n					1.2E+03	n			2.4E-01	n		
9.9E-02	C	2.8E-05	C				1	0.1	Methyl Styrene (Mixed Isomers)	25013-15-4	2.4E+02	n	1.6E+03	ns	4.2E+01	n	1.8E+02	n	3.8E+01	n			6.2E-02	n		
							1	0.1	Methyl methanesulfonate	66-27-3	5.5E+00	c	2.3E+01	c	1.0E-01	c	4.4E-01	c	7.9E-01	c			1.6E-04	c		
1.8E-03	C	2.6E-07	C			3.0E+00	I	V	1	8.9E+03	Methyl tert-Butyl Ether (MTBE)	1634-04-4	4.7E+01	c	2.1E+02	c	1.1E+01	c	4.7E+01	c	1.4E+01	c			3.2E-03	c
		3.0E-04	X				1	0.1	Methyl-1,4-benzenediamine dithyodichloride, 2-	615-45-2	1.9E+01	n	2.5E+02	n					6.0E+00	n			3.6E-03	n		
9.0E-03	P	2.0E-02	X				1	0.1	Methyl-5-Nitroaniline, 2-	99-55-8	6.0E+01	c*	2.6E+02	c*					8.1E+00	c*			4.5E-03	c*		
8.3E+00	C	2.4E-03	C				1	0.1	Methyl-N-nitro-N-nitrosoguanidine, N-	70																

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; J = New Jersey; O = EPA Office of Water; F = See FAQ; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; R = RBA applied (See User Guide for Arsenic notice); c = cancer; * = where n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

Toxicity and Chemical-specific Information										Contaminant		Screening Levels								Protection of Ground Water SSLs							
SFO (mg/kg-day) ⁻¹	ke IUR (ug/m ³) ⁻¹	ke RfD _o (mg/kg-day)	ke RfC _i (mg/m ³)	ke RfC _v (mg/m ³)	muta-gen	GIABS	ABS	C _{sat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident Air (ug/m ³)	key	Industrial Air (ug/m ³)	key	Tapwater (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	key	MCL-based SSL (mg/kg)			
4.6E-02	I	1.3E-05	C						Methylene-bis(N,N-dimethyl) Aniline, 4,4'-	101-81-1	1.2E+01	c	5.0E+01	c	2.2E-01	c	9.4E-01	c	4.6E-01	c			2.6E-03	c			
1.6E+00	C	4.6E-04	C	2.0E-02	C	1	0.1		Methylenebisbenzenamine, 4,4'-	101-77-9	3.4E-01	c	1.4E+00	c	6.1E-03	c	2.7E-02	c	4.7E-02	c			2.1E-04	c			
				6.0E-04	I	1	0.1		Methylenediphenyl Diisocyanate	101-68-8	8.5E+05	nm	3.6E+06	nm	6.3E-01	n	2.6E+00	n									
		7.0E-02	H		V	1		5.0E+02	Methylstyrene, Alpha-	98-83-9	5.5E+03	ns	8.2E+04	ns					7.8E+02	n			1.2E+00	n			
1.5E-01	I								Metolachlor	51218-45-2	9.5E+03	n	1.2E+05	nm									2.7E+03	n	3.2E+00	n	
2.5E-02	I								Metribuzin	21087-64-9	1.6E+03	n	2.1E+04	n									4.9E+02	n	1.5E-01	n	
3.0E+00	P				V	1		3.4E-01	Mineral oils	8012-95-1	2.3E+05	nms	3.5E+06	nms									6.0E+04	n	2.4E+03	n	
1.8E+01	C	5.1E-03	C	2.0E-04	I				Mirex	2385-85-5	3.6E-02	c	1.7E-01	c	5.5E-04	c	2.4E-03	c	8.8E-04	c			6.3E-04	c			
		2.0E-03	I					0.1	Molinate	2212-67-1	1.3E+02	n	1.6E+03	n									3.0E+01	n	1.7E-02	n	
		5.0E-03	I						Molybdenum	7439-98-7	3.9E+02	n	5.8E+03	n									1.0E+02	n	2.0E+00	n	
1.0E-01	I								Monochloramine	10599-90-3	7.8E+03	n	1.2E+05	nm								4.0E+03		2.0E+03	n		
2.0E-03	P				V	1			Monomethylaniline	100-61-8	1.3E+02	n	1.6E+03	n									3.8E+01	n	1.4E-02	n	
3.0E-04	X								N,N-Diphenyl-1,4-benzenediamine	74-31-7	1.9E+01	n	2.5E+02	n									3.6E+00	n	3.7E-01	n	
2.0E-03	X				V	1			Naled	300-76-5	1.6E+02	n	2.3E+03	n									4.0E+01	n	1.8E-02	n	
3.0E-02	I	1.0E-01	P		V	1			Naphtha, High Flash Aromatic (HFAN)	64742-95-6	2.3E+03	n	3.5E+04	n	1.0E+02	n	4.4E+02	n	1.5E+02	n			1.0E+01	n			
1.8E+00	C	0.0E+00	C						Naphthylamine, 2-	91-59-8	3.0E-01	c	1.3E+00	c									3.9E-02	c	2.0E-04	c	
		1.0E-01	I						Napropamide	15299-99-7	6.3E+03	n	8.2E+04	n									1.6E+03	n	1.1E+01	n	
2.6E-04	C	1.1E-02	C	1.4E-05	C	1	0.1		Nickel Acetate	373-02-4	6.7E+02	n	8.1E+03	n	1.1E-02	c**	4.7E-02	c**	2.2E+02	n							
2.6E-04	C	1.1E-02	C	1.4E-05	C	1	0.1		Nickel Carbonate	3333-67-3	6.7E+02	n	8.1E+03	n	1.1E-02	c**	4.7E-02	c**	2.2E+02	n							
2.6E-04	C	1.1E-02	C	1.4E-05	C	V	1		Nickel Carbonyl	13463-39-3	8.2E+02	n	1.1E+04	n	1.1E-02	c**	4.7E-02	c**	2.2E+02	c**						c**	
2.6E-04	C	1.1E-02	C	1.4E-05	C		0.04		Nickel Hydroxide	12054-48-7	8.2E+02	n	1.1E+04	n	1.1E-02	c**	4.7E-02	c**	2.0E+02	n							
2.6E-04	C	1.1E-02	C	2.0E-05	C		0.04		Nickel Oxide	1313-99-1	8.4E+02	n	1.2E+04	n	1.1E-02	c**	4.7E-02	c**	2.0E+02	n							
2.4E-04	I	1.1E-02	C	1.4E-05	C		0.04		Nickel Refinery Dust	NA	8.2E+02	n	1.1E+04	n	1.2E-02	c**	5.1E-02	c**	2.2E+02	n						3.2E+01	n
2.6E-04	C	2.0E-02	I	9.0E-05	A		0.04		Nickel Soluble Salts	7440-02-0	1.5E+03	n	2.2E+04	n	1.1E-02	c**	4.7E-02	c**	3.9E+02	n						2.6E+01	n
1.7E+00	C	4.8E-04	I	1.1E-02	C	1.4E-05	C	0.04	Nickel Suboxide	12035-72-2	4.1E-01	c	1.9E+00	c	5.8E-03	c**	2.6E-02	c**	4.5E-02	c							
2.6E-04	C	1.1E-02	C	1.4E-05	C	1	0.1		Nickelocene	1271-28-9	6.7E+02	n	8.1E+03	n	1.1E-02	c**	4.7E-02	c**	2.2E+02	n			1.0E+04				
		1.6E+00	I						Nitrate	14787-55-8	1.3E+05	nm	1.9E+06	nm									3.2E+04	n			
									Nitrate+Nitrite (as N)	NA													1.0E+04				
1.0E-01	I								Nitrite	14797-85-0	7.8E+03	n	1.2E+05	nm									2.0E+03	n			
1.0E-02	X	5.0E-05	X						Nitroanthine, 2-	88-74-4	6.3E+02	n	8.0E+03	n	5.2E-02	n	2.2E-01	n	1.9E+02	n						8.0E-02	n
4.0E-03	P	6.0E-03	P						Nitroaniline, 4-	100-01-6	2.7E+01	c**	1.1E+02	c*	6.3E+00	n	2.6E+01	n	3.8E+00	c*			1.0E+03			1.6E-03	c*
4.0E-05	I	2.0E-03	I	9.0E-03	I	V	1	3.1E+03	Nitrobenzene	98-95-3	5.1E+00	c*	2.2E+01	c*	7.0E-02	c	3.1E-01	c	1.4E-01	c*						9.2E-05	c*
		3.0E-03	P					0.1	Nitrocellulose	9004-70-0	1.9E+06	nm	2.5E+09	nm									6.0E+07	n	1.3E+04	n	
		7.0E-02	H					0.1	Nitrofurantoin	67-20-9	4.4E+03	n	5.7E+04	n									1.4E+03	n	6.1E-01	n	
1.3E+00	C	3.7E-04	C						Nitrofurazone	59-87-0	4.2E-01	c	1.8E+00	c	7.6E-03	c	3.3E-02	c	6.0E-02	c						5.4E-05	c
1.7E-02	P	1.0E-04	P						Nitroglycerin	55-63-0	6.3E+00	n	8.2E+01	n									2.0E+00	n	8.5E-04	n	
		1.0E-01	I						Nitroguanidine	596-88-7	6.3E+03	n	8.2E+04	n									2.0E+03	n	4.8E-01	n	
8.8E-06	P			5.0E-03	P	V	1	1.8E+04	Nitromethane	75-52-5	5.4E+00	c*	2.4E+01	c*	3.2E-01	c*	1.4E+00	c*	6.4E-01	c*						1.4E-04	c*
2.7E-03	H			2.0E-02	I	V	1	4.9E+03	Nitropropane, 2-	79-46-9	1.4E-02	c	6.0E-02	c	1.0E-03	c	4.5E-03	c	2.1E-03	c						5.4E-07	c
7.0E+00	C	7.7E-03	C						Nitroso-N-ethylurea, N-	759-73-9	4.5E-03	c	8.5E-02	c	1.3E-04	c	1.6E-03	c	9.2E-04	c						2.2E-07	c
1.2E+02	C	3.4E-02	C					0.1	Nitroso-N-methylurea, N-	684-93-5	1.0E-03	c	1.9E-02	c	3.0E-05	c	3.6E-04	c	2.1E-04	c						4.6E-08	c
5.4E+00	I	1.6E-03	I						Nitroso-di-N-butylamine, N-	924-16-3	9.9E-02	c	4.6E-01	c	1.8E-03	c	7.7E-03	c	2.7E-03	c						5.5E-06	c
7.0E+00	I	2.0E-03	C					0.1	Nitroso-di-N-propylamine, N-	621-64-7	7.8E-02	c	3.3E-01	c	1.4E-03	c	6.1E-03	c	1.1E-02	c						8.1E-06	c
2.8E+00	I	8.0E-04	C						Nitrosodiethanolamine, N-	1116-54-7	1.9E-01	c	8.2E-01	c	3.5E-03	c	1.5E-02	c	2.8E-02	c						5.6E-06	c
1.5E+02	I	4.3E-02	I						Nitrosodithylamine, N-	55-19-5	2.1E-04	c	1.5E-02	c	2.4E-05	c	2.9E-04	c	1.7E-04	c						6.0E-08	c
5.1E+01	I	1.4E-02	I	8.0E-06	P	4.0E-05	X	V	M	62-75-9	2.0E-03	c	3.4E-02	c	7.2E-05	c	8.8E-04	c	1.1E-04	c						2.8E-08	c
4.9E-03	I	2.6E-06	C						Nitrosodiphenylamine, N-	86-30-6	1.1E+02	c	4.7E+02	c	1.1E+00	c	4.7E+00	c	1.2E+01	c						6.6E-02	c
2.2E+01	I	6.3E-03	C						Nitrosomethylthylamine, N-	10595-95-6	2.0E-02	c	9.1E-02	c	4.5E-04	c	1.9E-03	c	7.1E-04	c						2.0E-07	c
6.7E+00	C	1.9E-03	C					0.1	Nitrosomorpholine [N-]	59-89-2	8.1E-02	c	3.4E-01	c	1.5E-03	c	6.5E-03	c	1.2E-02	c						2.8E-06	c
9.4E+00	C	2.7E-03	C						Nitrosopiperidine [N-]	100-75-4	5.8E-02	c	2.4E-01	c	1.0E-03	c	4.5E-03	c	8.2E-03	c						4.4E-06	c
2.1E+00	I	6.1E-04	I						Nitrosopyrrolidine, N-	930-55-2	2.6E-01	c	1.1E+00	c	4.6E-03	c	2.0E-02	c	3.7E-02	c						1.4E-05	c
		1.0E-04	X						Nitrotoluene, m-	99-08-1	6.3E+00	n	8.2E+01	n									1.7E+00	n	1.6E-03	n	
2.2E-01																											

Toxicity and Chemical-specific Information												Contaminant		Screening Levels								Protection of Ground Water SSLs						
SFO (mg/kg-day) ⁻¹	ke	IUR (ug/m ³) ⁻¹	ke	RfD _o (mg/kg-day)	ke	RfC _i (mg/m ³) ⁻¹	ke	Vo	muta-gen	GIABS	ABS	C _{sat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident Air (ug/m ³)	key	Industrial Air (ug/m ³)	key	Tapwater (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	key	MCL-based SSL (mg/kg)
		6.0E-03	H							1	0.1		Parathion	56-38-2	3.8E+02	n	4.9E+03	n					8.6E+01	n		4.3E-01	n	
		5.0E-02	H						V	1			Pebulate	1114-71-2	3.9E+03	n	5.8E+04	n					5.6E+02	n		4.6E-01	n	
		4.0E-02	I							1	0.1		Pendimethalin	40487-42-1	2.5E+03	n	3.3E+04	n					1.8E+02	n		2.1E+00	n	
		2.0E-03	I							1	0.1		Pentabromodiphenyl Ether	32534-81-9	1.3E+02	n	1.6E+03	n					4.0E+01	n		1.7E+00	n	
		1.0E-04	I							1	0.1		Pentabromodiphenyl ether, 2,2',4,4',5-(BDE-99)	60348-60-9	6.3E+00	n	8.2E+01	n					2.0E+00	n		8.7E-02	n	
		8.0E-04	I						V	1			Pentachlorobenzene	608-93-5	6.3E+01	n	9.3E+02	n					3.2E+00	n		2.4E-02	n	
9.0E-02	P											4.5E+02	Pentachloroethane	76-01-7	7.7E+00	c	3.6E+01	c					6.4E-01	c		3.1E-04	c	
2.6E-01	H			3.0E-03	I				V	1			Pentachloronitrobenzene	82-68-8	2.7E+00	c*	1.3E+01	c					1.2E-01	c		1.4E-03	c	
4.0E-01	I	5.1E-06	C	5.0E-03	I					1	0.25		Pentachlorophenol	87-86-5	1.0E+00	c	4.0E+00	c	5.5E-01	c	2.4E+00	c	4.0E-02	c	1.0E+00	4.0E-04	c	1.0E-02
4.0E-03	X			2.0E-03	P					1	0.1		Pentaerythritol tetranitrate (PETN)	78-11-5	1.3E+02	n	5.7E+02	c**					1.9E+01	c**		2.8E-02	c**	
						1.0E+00	P	V		1		3.9E+02	Pentane, n-	109-66-0	8.1E+02	ns	3.4E+03	ns	1.0E+03	n	4.4E+03	n	2.1E+03	n		1.0E+01	n	
													Perchlorates															
		7.0E-04	I							1			-Ammonium Perchlorate	7790-98-9	5.5E+01	n	8.2E+02	n					1.4E+01	n			n	
		7.0E-04	I							1			-Lithium Perchlorate	7791-03-9	5.5E+01	n	8.2E+02	n					1.4E+01	n			n	
		7.0E-04	I							1			-Perchlorate and Perchlorate Salts	14797-73-0	5.5E+01	n	8.2E+02	n					1.4E+01	n	1.5E+01(F)		n	
		7.0E-04	I							1			-Potassium Perchlorate	7778-74-7	5.5E+01	n	8.2E+02	n					1.4E+01	n			n	
		7.0E-04	I							1			-Sodium Perchlorate	7601-89-0	5.5E+01	n	8.2E+02	n					1.4E+01	n			n	
		2.0E-02	P						V	1			Perfluorobutane Sulfonate	375-73-5	1.6E+03	n	2.3E+04	n					3.8E+02	n		2.1E-01	n	
2.2E-03	C	6.3E-07	C	5.0E-02	I					1	0.1		Permethrin	52645-53-1	3.2E+03	n	4.1E+04	n					1.0E+03	n		2.4E+02	n	
										1	0.1		Phenacetin	62-44-2	2.5E+02	c	1.0E+03	c	4.5E+00	c	1.9E+01	c	3.4E+01	c		9.7E-03	c	
		2.5E-01	I							1	0.1		Phenmedipham	13684-63-4	1.6E+04	n	2.1E+05	nm					4.0E+03	n		2.1E+01	n	
		3.0E-01	I	2.0E-01	C					1	0.1		Phenol	108-95-2	1.9E+04	n	2.5E+05	nm	2.1E+02	n	8.8E+02	n	5.8E+03	n		3.3E+00	n	
		5.0E-04	X							1	0.1		Phenothiazine	92-84-2	3.2E+01	n	4.1E+02	n					4.3E+00	n		1.4E-02	n	
4.7E-02	H			6.0E-03	I					1	0.1		Phenylenediamine, m-	108-45-2	3.8E+02	n	4.9E+03	n					1.2E+02	n		3.2E-02	n	
										1	0.1		Phenylenediamine, o-	95-54-5	1.2E+01	c	4.9E+01	c					1.6E+00	c		4.4E-04	c	
		1.9E-01	H							1	0.1		Phenylenediamine, p-	108-50-3	1.2E+04	n	1.6E+05	nm					3.8E+03	n		1.0E+00	n	
1.9E-03	H									1	0.1		Phenylphenol, 2-	90-43-7	2.8E+02	c	1.2E+03	c					3.0E+01	c		4.0E-01	c	
		2.0E-04	H							1	0.1	1.6E+03	Phorate	298-02-2	1.3E+01	n	1.6E+02	n					3.0E+00	n		3.4E-03	n	
						3.0E-04	I	V		1			Phosgene	75-44-5	3.1E-01	n	1.3E+00	n	3.1E-01	n	1.3E+00	n						
		2.0E-02	I							1	0.1		Phosmet	732-11-8	1.3E+03	n	1.6E+04	n					3.7E+02	n		8.2E-02	n	
		4.9E+01	P							1			Phosphates, inorganic															
										1			-Aluminum metaphosphate	13776-88-0	3.8E+06	nm	5.7E+07	nm					9.7E+05	n			n	
		4.9E+01	P							1			-Ammonium polyphosphate	68333-79-9	3.8E+06	nm	5.7E+07	nm					9.7E+05	n			n	
		4.9E+01	P							1			-Calcium pyrophosphate	7790-76-3	3.8E+06	nm	5.7E+07	nm					9.7E+05	n			n	
		4.9E+01	P							1			-Diammonium phosphate	7783-28-0	3.8E+06	nm	5.7E+07	nm					9.7E+05	n			n	
		4.9E+01	P							1			-Dicalcium phosphate	7757-93-9	3.8E+06	nm	5.7E+07	nm					9.7E+05	n			n	
		4.9E+01	P							1			-Dimagnesium phosphate	7782-75-4	3.8E+06	nm	5.7E+07	nm					9.7E+05	n			n	
		4.9E+01	P							1			-Dipotassium phosphate	7758-11-4	3.8E+06	nm	5.7E+07	nm					9.7E+05	n			n	
		4.9E+01	P							1			-Disodium phosphate	7858-79-4	3.8E+06	nm	5.7E+07	nm					9.7E+05	n			n	
		4.9E+01	P							1			-Monoaluminum phosphate	13530-50-2	3.8E+06	nm	5.7E+07	nm					9.7E+05	n			n	
		4.9E+01	P							1			-Monoammonium phosphate	1122-16-1	3.8E+06	nm	5.7E+07	nm					9.7E+05	n			n	
		4.9E+01	P							1			-Monocalcium phosphate	7758-23-8	3.8E+06	nm	5.7E+07	nm					9.7E+05	n			n	
		4.9E+01	P							1			-Monomagnesium phosphate	7757-86-0	3.8E+06	nm	5.7E+07	nm					9.7E+05	n			n	
		4.9E+01	P							1			-Monopotassium phosphate	1118-11-0	3.8E+06	nm	5.7E+07	nm					9.7E+05	n			n	
		4.9E+01	P							1			-Monosodium phosphate	7558-80-7	3.8E+06	nm	5.7E+07	nm					9.7E+05	n			n	
		4.9E+01	P							1			-Polyphosphoric acid	8017-16-1	3.8E+06	nm	5.7E+07	nm					9.7E+05	n			n	
		4.9E+01	P							1			-Potassium triphosphate	13845-36-8	3.8E+06	nm	5.7E+07	nm					9.7E+05	n			n	
		4.9E+01	P							1			-Sodium acid pyrophosphate	7758-16-9	3.8E+06	nm	5.7E+07	nm					9.7E+05	n			n	
		4.9E+01	P							1			-Sodium aluminum phosphate (acidic)	7785-88-8	3.8E+06	nm	5.7E+07	nm					9.7E+05	n			n	
		4.9E+01	P							1			-Sodium aluminum phosphate (anhydrous)	10279-59-1	3.8E+06	nm	5.7E+07	nm					9.7E+05	n			n	
		4.9E+01	P							1			-Sodium aluminum phosphate (tetrahydrate)	10305-76-7	3.8E+06	nm	5.7E+07	nm					9.7E+05	n			n	
		4.9E+01	P							1			-Sodium hexametaphosphate	10124-56-8	3.8E+06	nm	5.7E+07	nm					9.7E+05	n			n	
		4.9E+01	P							1			-Sodium polyphosphate	68915-31-1	3.8E+06	nm	5.7E+07	nm					9.7E+05	n			n	
		4.9E+01	P							1			-Sodium trimetaphosphate	7785-84-4	3.8E+06	nm	5.7E+07	nm					9.7E+05	n			n	
		4.9E+01	P							1			-Sodium tripolyphosphate	7758-29-4	3.8E+06	nm	5.7E+07	nm					9.7E+05	n			n	
		4.9E+01	P					</																				

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; J = New Jersey; O = EPA Office of Water; F = See FAQ; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

Toxicity and Chemical-specific Information											Contaminant		Screening Levels							Protection of Ground Water SSLs						
SFO (mg/kg-day) ⁻¹	ke IUR (ug/m ³) ⁻¹	ke RfD _o (mg/kg-day)	ke RfC _i (mg/m ³)	ke RfC _v (mg/m ³)	muta-gen	GIABS	ABS	C _{sat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident Air (ug/m ³)	key	Industrial Air (ug/m ³)	key	Tapwater (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	key	MCL-based SSL (mg/kg)		
1.4E-02	I	2.4E-06	C	2.0E-02	I			1	0.1	Phthalates																
		1.0E+00		1.0E+00	I			1	0.1	-Bis(2-ethylhexyl)phthalate	117-81-7	3.9E+01	c*	1.6E+02	c	1.2E+00	c	5.1E+00	c	5.6E+00	c*	6.0E+00	1.3E+00	c*	1.4E+00	
					I			1	0.1	-Butylphthalyl Butylglycolate	85-70-1	6.3E+04	n	8.2E+05	nm					1.3E+04	n		3.0E+02	n		
					I			1	0.1	-Dibutyl Phthalate	84-74-2	6.3E+03	n	8.2E+04	n					9.0E+02	n		2.3E+00	n		
					I			1	0.1	-Diethyl Phthalate	84-66-2	5.1E+04	n	6.6E+05	nm					1.5E+04	n		6.1E+00	n		
					I		V	1	0.1	-Dimethylterephthalate	120-61-6	7.8E+03	n	1.2E+05	nm					1.9E+03	n		4.9E-01	n		
					P			1	0.1	-Octyl Phthalate, di-N-	117-84-0	6.3E+02	n	8.2E+03	n					2.0E+02	n		5.7E+01	n		
					H			1	0.1	-Phthalic Acid, P-	100-21-0	6.3E+04	n	8.2E+05	nm					1.9E+04	n		6.8E+00	n		
					I		C	1	0.1	-Phthalic Anhydride	85-44-9	1.3E+05	nm	1.6E+06	nm	2.1E+01	n	8.8E+01	n	3.9E+04	n		8.5E+00	n		
					I			1	0.1	Picloram	1918-02-1	4.4E+03	n	5.7E+04	n					1.4E+03	n	5.0E+02	3.8E-01	n	1.4E-01	
					X			1	0.1	Picramic Acid (2-Amino-4,6-dinitrophenol)	96-91-3	6.3E+00	n	8.2E+01	n					2.0E+00	n		1.3E-03	n		
					I			1	0.1	Pyrimphos, Methyl	29232-93-7	6.3E+02	n	8.2E+03	n					1.2E+02	n		1.2E-01	n		
3.0E+01	C	8.6E-03	C	7.0E-06	H			1	0.1	Polybrominated Biphenyls	59536-65-1	1.8E-02	c*	7.7E-02	c*	3.3E-04	c	1.4E-03	c	2.6E-03	c*			c*		
					I			1	0.14	Polychlorinated Biphenyls (PCBs)																
					V			1	0.14	-Aroclor 1016	12674-11-2	4.1E+00	n	2.7E+01	c**	1.4E-01	c	6.1E-01	c	2.2E-01	c**		2.1E-02	c**		
2.0E+00	S	5.7E-04	S					1	0.14	-Aroclor 1221	11104-28-2	1.7E-01	c	7.2E-01	c	4.9E-03	c	2.1E-02	c	4.6E-03	c		7.9E-05	c		
2.0E+00	S	5.7E-04	S					1	0.14	-Aroclor 1232	11411-16-5	1.7E-01	c	7.2E-01	c	4.9E-03	c	2.1E-02	c	4.6E-03	c		7.9E-05	c		
2.0E+00	S	5.7E-04	S					1	0.14	-Aroclor 1242	53469-21-9	2.3E-01	c	9.7E-01	c	4.9E-03	c	2.1E-02	c	7.8E-03	c		1.2E-03	c		
2.0E+00	S	5.7E-04	S					1	0.14	-Aroclor 1248	12672-29-6	2.3E-01	c	9.4E-01	c	4.9E-03	c	2.1E-02	c	7.8E-03	c		1.2E-03	c		
2.0E+00	S	5.7E-04	S	2.0E-05	I			1	0.14	-Aroclor 1254	11097-69-1	2.4E-01	c**	9.7E-01	c*	4.9E-03	c	2.1E-02	c	7.8E-03	c*		2.0E-03	c*		
2.0E+00	S	5.7E-04	S					1	0.14	-Aroclor 1260	11096-82-5	2.4E-01	c	9.9E-01	c	4.9E-03	c	2.1E-02	c	7.8E-03	c		5.5E-03	c		
					X			1	0.14	-Aroclor 5460	11126-42-4	3.5E+01	n	4.4E+02	n					1.2E+01	n		2.0E+00	n		
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V	1	0.14	-Heptachlorobiphenyl, 2,3,3',4,4',5,5'- (PCB 189)	39635-31-9	1.2E-01	c*	5.1E-01	c*	2.5E-03	c	1.1E-02	c	4.0E-03	c		2.8E-03	c	
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V	1	0.14	-Hexachlorobiphenyl, 2,3,4,4',5,5'- (PCB 167)	52663-72-6	1.2E-01	c*	5.1E-01	c*	2.5E-03	c	1.1E-02	c	4.0E-03	c		1.7E-03	c	
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V	1	0.14	-Hexachlorobiphenyl, 2,3,3',4,4',5'- (PCB 157)	69782-90-7	1.2E-01	c*	5.1E-01	c*	2.5E-03	c	1.1E-02	c	4.0E-03	c		1.7E-03	c	
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V	1	0.14	-Hexachlorobiphenyl, 2,3,3',4,4',5'- (PCB 156)	38380-08-4	1.2E-01	c*	5.1E-01	c*	2.5E-03	c	1.1E-02	c	4.0E-03	c		1.7E-03	c	
3.9E+03	E	1.1E+00	E	2.3E-08	E	1.3E-06	E	V	1	0.14	-Hexachlorobiphenyl, 3,3',4,4',5,5'- (PCB 169)	32774-16-6	1.2E-04	c*	5.1E-04	c*	2.5E-06	c	1.1E-05	c	4.0E-06	c		1.7E-06	c	
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V	1	0.14	-Pentachlorobiphenyl, 2,3,4,4',5'- (PCB 123)	65610-44-3	1.2E-01	c*	5.0E-01	c*	2.5E-03	c	1.1E-02	c	4.0E-03	c		1.0E-03	c	
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V	1	0.14	-Pentachlorobiphenyl, 2,3',4,4',5'- (PCB 118)	31588-00-6	1.2E-01	c*	5.0E-01	c*	2.5E-03	c	1.1E-02	c	4.0E-03	c		1.0E-03	c	
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V	1	0.14	-Pentachlorobiphenyl, 2,3,3',4,4',5'- (PCB 105)	32598-14-4	1.2E-01	c*	5.0E-01	c*	2.5E-03	c	1.1E-02	c	4.0E-03	c		1.0E-03	c	
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V	1	0.14	-Pentachlorobiphenyl, 2,3,4,4',5'- (PCB 114)	74472-37-0	1.2E-01	c*	5.0E-01	c*	2.5E-03	c	1.1E-02	c	4.0E-03	c		1.0E-03	c	
1.3E+04	E	3.8E+00	E	7.0E-09	E	4.0E-07	E	V	1	0.14	-Pentachlorobiphenyl, 3,3',4,4',5'- (PCB 126)	57465-28-8	3.7E-05	c*	1.5E-04	c*	7.4E-07	c	3.2E-06	c	1.2E-06	c		3.0E-07	c	
2.0E+00	I	5.7E-04	I					1	0.14	-Polychlorinated Biphenyls (high risk)	1336-36-3	2.3E-01	c	9.7E-01	c	4.9E-03	c	2.1E-02	c							
4.0E-01	I	1.0E-04	I					1	0.14	-Polychlorinated Biphenyls (low risk)	1336-36-3					2.8E-02	c	1.2E-01	c	4.4E-02	c	5.0E-01	6.8E-03	c	7.8E-02	
7.0E-02	I	2.0E-05	I					1	0.14	-Polychlorinated Biphenyls (lowest risk)	1336-36-3					1.4E-01	c	6.1E-01	c							
1.3E+01	E	3.8E-03	E	7.0E-06	E	4.0E-04	E	V	1	0.14	-Tetrachlorobiphenyl, 3,3',4,4' (PCB 77)	32598-13-3	3.8E-02	c*	1.6E-01	c*	7.4E-04	c	3.2E-03	c	6.0E-03	c*		9.4E-04	c*	
3.9E+01	E	1.1E-02	E	2.3E-06	E	1.3E-04	E	V	1	0.14	-Tetrachlorobiphenyl, 3,3',4,4',5'- (PCB 81)	70362-50-4	1.2E-02	c*	4.9E-02	c*	2.5E-04	c	1.1E-03	c	4.0E-04	c		6.2E-05	c	
					I			1	0.1	Polymeric Methylene Diethylene Disocyanate (PMDI)	9016-87-9	8.5E+05	nm	3.6E+06	nm	6.3E-01	n	2.6E+00	n							
					I			1	0.13	Polynuclear Aromatic Hydrocarbons (PAHs)																
					V			1	0.13	-Acenaphthene	83-32-9	3.6E+03	n	4.5E+04	n					5.3E+02	n		5.5E+00	n		
7.3E-01	E	1.1E-04	C	3.0E-01	I			1	0.13	-Anthracene	120-12-7	1.8E+04	n	2.3E+05	nm					1.8E+03	n		5.8E+01	n		
					V		M	1	0.13	-Benz[a]anthracene	56-55-3	1.6E-01	c	2.9E+00	c	9.2E-03	c	1.1E-01	c	1.2E-02	c		4.3E-03	c		
1.2E+00	C	1.1E-04	C					1	0.13	-Benzo[j]fluoranthene	205-85-3	4.2E-01	c	1.8E+00	c	2.6E-02	c	1.1E-01	c	6.5E-02	c		7.8E-02	c		
7.3E+00	I	1.1E-03	C					1	0.13	-Benzo[a]pyrene	50-32-8	1.6E-02	c	2.9E-01	c	9.2E-04	c	1.1E-02	c	3.4E-03	c	2.0E-01	4.0E-03	c	2.4E-01	
7.3E-01	E	1.1E-04	C					1	0.13	-Benzo[b]fluoranthene	205-99-2	1.6E-01	c	2.9E+00	c	9.2E-03	c	1.1E-01	c	3.4E-02	c		4.1E-02	c		
7.3E-02	E	1.1E-04	C					1	0.13	-Benzo[k]fluoranthene	207-08-9	1.6E+00	c	2.9E+01	c	9.2E-03	c	1.1E-01	c	3.4E-01	c		4.0E-01	c		
7.3E-03	E	1.1E-05	C	8.0E-02	I			1	0.13	-Chloronaphthalene, Beta-	91-58-7	4.8E+03	n	6.0E+04	n					7.5E+02	n		3.8E+00	n		
					V			1	0.13	-Chrysene	2181-01-9	1.6E+01	c	2.9E+02	c	9.2E-02	c	1.1E+00	c	3.4E+00	c		1.2E+00	c		
7.3E+00	E	1.2E-03	C					1	0.13	-Dibenzo[a,h]anthracene	53-70-3	1.6E-02	c	2.9E-01	c	8.4E-04	c	1.0E-02	c	3.4E-03	c		1.3E-02	c		
1.2E+01	C	1.1E-03	C					1	0.13	-Dibenzo[a,e]pyrene	192-65-4	4.2E-02	c	1.8E-01	c	2.6E-03	c	1.1E-02	c	6.5E-03	c		8.4E-02	c		
2.5E+02	C	7.1E-02	C					1	0.13	-Dimethylbenz(a)anthracene, 7,12-	57-97-6	4.6E-04	c	8.4E-03</												

Regional Screening Level (RSL) Summary Table (TR-1E-6, HQ=1) June 2015 (revised)

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; J = New Jersey; O = EPA Office of Water; F = See FAQ; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; R = RBA applied (See User Guide for Arsenic notice); c = cancer; * = where n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

Toxicity and Chemical-specific Information										Contaminant		Screening Levels								Protection of Ground Water SSLs			
SFO (mg/kg-day) ⁻¹	ke IUR (ug/m ³ -y) ⁻¹	ke RfD _o (mg/kg-day)	ke RfC _i (mg/m ³ -y)	ke v o mutagen	GIABS	ABS	C _{sat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident Air (ug/m ³)	key	Industrial Air (ug/m ³)	key	Tapwater (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	key	MCL-based SSL (mg/kg)
		5.0E-03	I					Propanil	709-98-8	3.2E+02	n	4.1E+03	n					8.2E+01	n		4.5E-02	n	
		2.0E-02	I					Propargite	2312-35-8	1.3E+03	n	1.6E+04	n					1.6E+02	n		1.2E+01	n	
		2.0E-03	I			V	1.1E+05	Propargyl Alcohol	107-19-7	1.6E+02	n	2.3E+03	n					4.0E+01	n		8.1E-03	n	
		2.0E-02	I					Propazine	139-40-2	1.3E+03	n	1.6E+04	n					3.4E+02	n		3.0E-01	n	
		2.0E-02	I					Proptham	122-42-9	1.3E+03	n	1.6E+04	n					3.5E+02	n		2.2E-01	n	
		1.3E-02	I					Propiconazole	60207-90-1	8.2E+02	n	1.1E+04	n					2.1E+02	n		6.9E-01	n	
				8.0E-03	I	V		Propionaldehyde	123-38-6	7.5E+01	n	3.1E+02	n	8.3E+00	n	3.5E+01	n	1.7E+01	n		3.4E-03	n	
		1.0E-01	X	1.0E+00	X	V		Propyl benzene	103-65-1	3.8E+03	ns	2.4E+04	ns	1.0E+03	n	4.4E+03	n	6.6E+02	n		1.2E+00	n	
				3.0E+00	C	V		Propylene	115-07-1	2.2E+03	ns	9.3E+03	ns	3.1E+03	n	1.3E+04	n	6.3E+03	n		6.0E+00	n	
		2.0E+01	P					Propylene Glycol	57-55-6	1.3E+06	nm	1.6E+07	nm					4.0E+05	n		8.1E+01	n	
				2.7E-04	A			Propylene Glycol Dinitrate	6423-43-4	3.9E+05	nm	1.6E+06	nm	2.8E-01	n	1.2E+00	n						
		7.0E-01	H					Propylene Glycol Monoethyl Ether	1569-02-4	5.5E+04	n	8.2E+05	nms					1.4E+04	n		2.8E+00	n	
		7.0E-01	H	2.0E+00	I	V		Propylene Glycol Monomethyl Ether	107-98-2	4.1E+04	n	3.7E+05	nms	2.1E+03	n	8.8E+03	n	3.2E+03	n		6.5E-01	n	
2.4E-01	I	3.7E-06	I					Propylene Oxide	75-56-9	2.1E+00	c	9.7E+00	c	7.6E-01	c*	3.3E+00	c*	2.7E-01	c		5.6E-05	c	
		2.5E-01	I				0.1	Pursuit	81335-77-5	1.6E+04	n	2.1E+05	nm					4.7E+03	n		4.1E+00	n	
		2.5E-02	I				0.1	Pyridin	51630-58-1	1.6E+03	n	2.1E+04	n					5.0E+02	n		3.2E-02	n	
		1.0E-03	I					Pyridine	110-86-1	7.8E+01	n	1.2E+03	n					2.0E+01	n		6.8E-03	n	
		5.0E-04	I				0.1	Quinalphos	13593-03-8	3.2E+01	n	4.1E+02	n					5.1E+00	n		4.3E-02	n	
3.0E+00	I						0.1	Quinoline	91-22-5	1.8E-01	c	7.7E-01	c					2.4E-02	c		7.8E-05	c	
				3.0E-02	A			Refractory Ceramic Fibers	NA	4.3E+07	nm	1.8E+08	nm	3.1E+01	n	1.3E+02	n						
		3.0E-02	I				0.1	Resmethrin	10453-86-8	1.9F+03	n	2.5E+04	n					6.7E+01	n		4.2E+01	n	
		5.0E-02	H			V		Ronnel	299-94-3	3.9E+03	n	5.8E+04	n					4.1E+02	n		3.7E+00	n	
		4.0E-03	I					Rotenone	83-79-4	2.5E+02	n	3.3E+03	n					6.1E+01	n		3.2E+01	n	
2.2E-01	C	6.3E-05	C					Safrole	94-59-7	5.5E-01	c	1.0E+01	c	1.6E-02	c	1.9E-01	c	9.5E-02	c		5.9E-05	c	
		2.5E-02	I				0.1	Savay	78587-05-0	1.6E+03	n	2.1E+04	n					1.1E+02	n		5.0E-01	n	
		5.0E-03	I					Selenious Acid	7783-60-8	3.9E+02	n	5.8E+03	n					1.0E+02	n		5.2E-01	n	2.6E-01
		5.0E-03	I	2.0E-02	C			Selenium	7782-49-2	3.9E+02	n	5.8E+03	n	2.1E+01	n	8.8E+01	n	1.0E+02	n	5.0E+01			
		5.0E-03	C	2.0E-02	C			Selenium Sulfide	7446-34-6	3.9E+02	n	5.8E+03	n	2.1E+01	n	8.8E+01	n	1.0E+02	n				
		9.0E-02	I				0.1	Sethoxydim	74051-80-2	5.7E+03	n	7.4E+04	n					1.0E+03	n		9.3E+00	n	
				3.0E-03	C			Silica (crystalline, respirable)	7631-86-9	4.3E+06	nm	1.8E+07	nm	3.1E+00	n	1.3E+01	n						
		5.0E-03	I				0.04	Silver	7440-22-4	3.9E+02	n	5.8E+03	n					9.4E+01	n		8.0E-01	n	
1.2E-01	H	5.0E-03	I				0.1	Simazine	122-34-9	4.5E+00	c*	1.9E+01	c					6.1E-01	c	4.0E+00	3.0E-04	c	2.0E-03
		1.3E-02	I				0.1	Sodium Acifluorfen	62476-59-9	8.2E+02	n	1.1E+04	n					2.6E+02	n		2.1E+00	n	
		4.0E-03	I					Sodium Azide	26628-22-8	3.1E+02	n	4.7E+03	n					8.0E+01	n				
5.0E-01	C	1.5E-01	C	2.0E-02	C	2.0E-04	C	M	0.025	Sodium Dichromate	10588-01-9	3.0E-01	c	6.2E+00	c	6.8E-06	c	8.2E-05	c	4.1E-02	c		
2.7E-01	H	3.0E-02	I				0.1	Sodium Diethylidithiocarbamate	148-118-5	2.0E+00	c	8.5E+00	c					2.9E-01	c				
		5.0E-02	A	1.3E-02	C			Sodium Fluoride	7681-49-4	3.9E+03	n	5.8E+04	n	1.4E+01	n	5.7E+01	n	1.0E+03	n				
		2.0E-05	I				0.1	Sodium Fluoroacetate	82-74-8	1.3E+00	n	1.6E+01	n					4.0E-01	n		8.1E-05	n	
		1.0E-03	H					Sodium Metavanadate	13718-26-8	7.8E+01	n	1.2E+03	n					2.0E+01	n				
2.4E-02	H	3.0E-02	I				0.1	Stirofos (Tetrachlorovinphos)	961-11-5	2.3E+01	c*	9.6E+01	c					2.8E+00	c		8.1E-03	c	
5.0E-01	C	1.5E-01	C	2.0E-02	C	2.0E-04	C	M	0.025	Strontium Chromate	7789-06-2	3.0E-01	c	6.2E+00	c	6.8E-06	c	8.2E-05	c	4.1E-02	c		
		6.0E-01	I					Strontium, Stable	7440-24-6	4.7E+04	n	7.0E+05	nm					1.2E+04	n		4.2E+02	n	
		3.0E-04	I				0.1	Strychnine	57-24-9	1.9E+01	n	2.5E+02	n					5.9E+00	n		6.5E-02	n	
		2.0E-01	I	1.0E+00	I	V		Styrene	100-42-5	6.0E+03	ns	3.5E+04	ns	1.0E+03	n	4.4E+03	n	1.2E+03	n	1.0E+02	1.3E+00	n	1.1E-01
		3.0E-03	P				0.1	Styrene-Acrylonitrile (SAN) Trimer	NA	1.9E+02	n	2.5E+03	n					4.8E+01	n				
		1.0E-03	P	2.0E-03	X			Sulfolane	126-33-0	6.3E+01	n	8.2E+02	n	2.1E+00	n	8.8E+00	n	2.0E+01	n		4.4E-03	n	
		8.0E-04	P					Sulfonylbis(4-chlorobenzene), 1,1'-	80-07-9	5.1E+01	n	6.6E+02	n					1.1E+01	n		6.5E-02	n	
				1.0E-03	C	V		Sulfur Trioxide	7446-11-9	1.4E+06	nm	6.0E+06	nm	1.0E+00	n	4.4E+00	n	2.1E+00	n				
				1.0E-03	C			Sulfuric Acid	7664-93-9	1.4E+06	nm	6.0E+06	nm	1.0E+00	n	4.4E+00	n						
		2.5E-02	I				0.1	Systhane	88671-89-0	1.6E+03	n	2.1E+04	n					4.5E+02	n		5.6E+00	n	
		3.0E-02	H					TCMTB	21564-17-0	1.9E+03	n	2.5E+04	n					4.8E+02	n		3.3E+00	n	
		7.0E-02	I				0.1	Tebuthiuron	34014-18-1	4.4E+03	n	5.7E+04	n					1.4E+03	n		3.9E-01	n	
		2.0E-02	H					Temephos	3383-96-8	1.3E+03	n	1.6E+04	n					4.0E+02	n		7.6E+01	n	
		1.3E-02	I				0.1	Terbacil	5902-51-2	8.2E+02	n	1.1E+04	n					2.5E+02	n		7.5E-02	n	
		2.5E-05	H			V	3.1E+01	Terbufos	13071-79-9	2.0E+00	n	2.9E+01	n					2.4E-01	n		5.2E-04	n	
		1.0E-03	I				0.1	Terbutryn	886-50-0	6.3E+01	n	8.2E+02	n					1.3E+01	n		1.9E-02	n	
		1.0E-04	I				0.1	Tetrabromodiphenyl ether, 2,2',4,4'- (BDE-47)	5436-43-1	6.3E+00	n	8.2E+01	n					2.0E+00	n		5.3E-02	n	
		3.0E-04	I			V		Tetrachlorobenzene, 1,2,4,5-	95-94-3	2.3E+01	n	3.5E+02	n					1.7E+00	n		7.9E-03	n	
2.6E-02	I	7.4E-06	I	3.0E-02	I	V		Tetrachloroethane, 1,1,1,2-	630-20-6	2.0E+00	c	8.8E+00	c	3.8E-01	c	1.7E+00	c	5.7E-01	c		2.2E-04	c	
2.0E-01	I	5.8E-05	C	2.0E-02	I	V		Tetrachloroethane, 1,1,2,2-	79-34-5	6.0E-0													

Regional Screening Level (RSL) Summary Table (TR-1E-6, HQ=1) June 2015 (revised)

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; J = New Jersey; O = EPA Office of Water; F = See FAQ; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; R = RBA applied (See User Guide for Arsenic notice); c = cancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

Toxicity and Chemical-specific Information										Contaminant		Screening Levels								Protection of Ground Water SSLs					
SFO (mg/kg-day) ⁻¹	ke IUR (ug/m ³ -y) ⁻¹	ke RfD _o (mg/kg-day)	ke RfC _i (mg/m ³ -y)	ke Vo	mutagen	GIABS	ABS	C _{sat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident Air (ug/m ³)	key	Industrial Air (ug/m ³)	key	Tapwater (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	key	MCL-based SSL (mg/kg)	
		2.0E-03	P			1	0.0007		Tetryl (Trinitrophenylmethyl nitramine)	479-45-8	1.6E+02	n	2.3E+03	n						3.9E+01	n		3.7E-01	n	
		7.0E-06	X			1			Thallium (I) Nitrate	10102-45-1	5.5E-01	n	8.2E+00	n						1.4E-01	n			n	
		1.0E-05	X			1			Thallium (Soluble Salts)	7440-28-0	7.8E-01	n	1.2E+01	n						2.0E-01	n	2.0E+00	1.4E-02	n	1.4E-01
		6.0E-06	X		V	1	0.1		Thallium Acetate	563-68-8	3.8E-01	n	4.9E+00	n						1.2E-01	n			n	
		2.0E-05	X			1	0.1		Thallium Carbonate	6533-73-9	1.3E+00	n	1.6E+01	n						4.0E-01	n			n	
		6.0E-06	X			1			Thallium Chloride	7791-12-0	4.7E-01	n	7.0E+00	n						1.2E-01	n			n	
		2.0E-05	X			1			Thallium Sulfate	7446-18-6	1.6E+00	n	2.3E+01	n						4.0E-01	n			n	
		1.0E-02	I			1	0.1		Thiobencarb	28249-77-6	6.3E+02	n	8.2E+03	n						1.6E+02	n		5.5E-01	n	
		7.0E-02	X			1	0.0075		Thiodiglycol	111-48-8	5.4E+03	n	7.9E+04	n						1.4E+03	n		2.8E-01	n	
		3.0E-04	H			1	0.1		Thiofanox	39196-18-4	1.9E+01	n	2.5E+02	n						5.3E+00	n		1.8E-03	n	
		8.0E-02	I			1	0.1		Thiophanate, Methyl	23564-05-8	5.1E+03	n	6.6E+04	n						1.6E+03	n		1.4E+00	n	
		5.0E-03	I			1	0.1		Thiram	137-26-8	3.2E+02	n	4.1E+03	n						9.8E+01	n		1.4E-01	n	
		6.0E-01	H			1			Tin	7440-31-5	4.7E+04	n	7.0E+05	nm	1.0E-01	n	4.4E-01	n		1.2E+04	n		3.0E+03	n	
				1.0E-04	A	V	1		Titanium Tetrachloride	7750-45-0	1.4E+05	nm	6.0E+05	nm						2.1E-01	n			n	
		8.0E-02	I	5.0E+00	I	V	1	8.2E+02	Toluene	108-88-3	4.9E+03	ns	4.7E+04	ns	5.2E+03	n	2.2E+04	n	1.1E+03	n	1.0E+03	7.6E-01	n	6.9E-01	
1.8E-01	X	2.0E-04	X			1	0.1		Toluene-2,5-diamine	95-70-5	3.0E+00	c**	1.3E+01	c*						4.3E-01	c**	1.3E-04	c**		
3.0E-02	P	4.0E-03	X			1	0.1		Toluidine, p-	106-49-0	1.8E+01	c*	7.7E+01	c*						2.5E+00	c*	1.1E-03	c*		
		3.0E+00	P		V	1		3.4E-01	Total Petroleum Hydrocarbons (Aliphatic High)	NA	2.3E+05	nms	3.5E+06	nms						6.0E+04	n		2.4E+03	n	
				6.0E-01	P	V	1	1.4E+02	Total Petroleum Hydrocarbons (Aliphatic Low)	NA	5.2E+02	ns	2.2E+03	ns	6.3E+02	n	2.6E+03	n	1.3E+03	n		8.8E+00	n		
		1.0E-02	X	1.0E-01	P	V	1	6.9E+00	Total Petroleum Hydrocarbons (Aliphatic Medium)	NA	9.6E+01	ns	4.4E+02	ns	1.0E+02	n	4.4E+02	n	1.0E+02	n		1.5E+00	n		
		4.0E-02	P			1	0.1		Total Petroleum Hydrocarbons (Aromatic High)	NA	2.5E+03	n	3.3E+04	n						8.0E+02	n		8.9E+01	n	
		4.0E-03	P	3.0E-02	P	V	1	1.8E+03	Total Petroleum Hydrocarbons (Aromatic Low)	NA	8.2E+01	n	4.2E+02	n	3.1E+01	n	1.3E+02	n	3.3E+01	n		1.7E-02	n		
		4.0E-03	P	3.0E-03	P	V	1		Total Petroleum Hydrocarbons (Aromatic Medium)	NA	1.1E+02	n	6.0E+02	n	3.1E+00	n	1.3E+01	n	5.5E+00	n		2.3E-02	n		
1.1E+00	I	3.2E-04	I			1	0.1		Toxaphene	8001-35-2	4.9E-01	c	2.1E+00	c	8.8E-03	c	3.8E-02	c	1.5E-02	c	3.0E+00	2.4E-03	c	4.6E-01	
		7.5E-03	I			1	0.1		Tralometrin	66841-25-6	4.7E+02	n	6.2E+03	n						1.5E+02	n		5.8E+01	n	
		3.0E-04	A		V	1			Tri-n-butyltin	688-73-3	2.3E+01	n	3.5E+02	n						3.7E+00	n		8.2E-02	n	
		8.0E+01	X			1	0.1		Triacetin	102-76-1	5.1E+06	nm	6.6E+07	nm						1.6E+06	n		4.5E+02	n	
		1.3E-02	I		V	1			Triallate	2303-17-5	1.0E+03	n	1.5E+04	n						1.2E+02	n		2.6E-01	n	
		1.0E-02	I			1	0.1		Triasulfuron	82097-50-5	6.3E+02	n	8.2E+03	n						2.0E+02	n		2.1E-01	n	
		5.0E-03	I		V	1			Tribromobenzene, 1,2,4-	615-59-3	3.9E+02	n	5.8E+03	n						4.5E+01	n		6.4E-02	n	
9.0E-03	P	1.0E-02	P			1	0.1		Tributyl Phosphate	126-73-8	6.0E+01	c*	2.6E+02	c*						5.1E+00	c*		2.5E-02	c*	
		3.0E-04	P			1	0.1		Tributyltin Compounds	NA	1.9E+01	n	2.5E+02	n						6.0E+00	n			n	
		3.0E-04	I			1	0.1		Tributyltin Oxide	56-35-9	1.9E+01	n	2.5E+02	n						5.7E+00	n		2.9E+02	n	
		3.0E+01	I	3.0E+01	H	V	1	9.1E+02	Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1	4.0E+04	ns	1.7E+05	nms	3.1E+04	n	1.3E+05	n	5.5E+04	n		1.4E+02	n		
7.0E-02	I	2.0E-02	I			1	0.1		Trichloroacetic Acid	76-03-9	7.8E+00	c	3.3E+01	c						1.1E+00	c	6.0E+01	2.2E-04	c	1.2E-02
2.9E-02	H					1	0.1		Trichloroaniline-HCl, 2,4,6-	33683-50-2	1.9E+01	c	7.9E+01	c						2.7E+00	c		7.4E-03	c	
7.0E-03	X	3.0E-05	X			1	0.1		Trichloroaniline, 2,4,6-	634-93-5	1.9E+00	n	2.5E+01	n						4.0E-01	n		3.6E-03	n	
		8.0E-04	X		V	1			Trichlorobenzene, 1,2,3-	87-61-6	6.3E+01	n	9.3E+02	n						7.0E+00	n		2.1E-02	n	
2.9E-02	P	1.0E-02	I	2.0E-03	P	V	1	4.0E+02	Trichlorobenzene, 1,2,4-	120-82-1	2.4E+01	c**	1.1E+02	c**	2.1E+00	n	8.8E+00	n	1.1E+00	c**	7.0E+01	3.3E-03	c**	2.0E-01	
		2.0E+00	I	5.0E+00	I	V	1	6.4E+02	Trichloroethane, 1,1,1-	71-55-6	8.1E+03	ns	3.6E+04	ns	5.2E+03	n	2.2E+04	n	8.0E+03	n	2.0E+00	2.8E+00	n	7.0E-02	
5.7E-02	I	1.6E-05	I			1		2.2E+03	Trichloroethane, 1,1,2-	79-00-5	1.1E+00	c**	5.0E+00	c**	1.8E-01	c**	7.7E-01	c**	2.8E-01	c**	5.0E+00	8.9E-05	c**	1.6E-03	
4.6E-02	I	4.1E-06	I	5.0E-04	I	2.0E-03	I	V	M	1	6.9E+02														
		3.0E-01	I	7.0E-01	H	V	1	1.2E+03	Trichloroethylene	79-01-6	9.4E-01	c**	6.0E+00	c**	4.8E-01	c**	3.0E+00	c**	4.9E-01	c**	5.0E+00	1.8E-04	c**	1.8E-03	
		1.0E-01	I			1	0.1		Trichlorofluoromethane	75-69-4	7.3E+02	n	3.1E+03	ns	7.3E+02	n	3.1E+03	n	1.1E+03	n		7.3E-01	n		
		1.0E-02	I			1	0.1		Trichlorophenol, 2,4,6-	95-95-4	6.3E+03	n	8.2E+04	n						1.2E+03	n		4.4E+00	n	
1.1E-02	I	3.1E-06	I	1.0E-03	P		1	0.1	Trichlorophenol, 2,4,6-	88-06-2	4.9E+01	c**	2.1E+02	c**	9.1E-01	c	4.0E+00	c	4.0E+00	c**		1.5E-02	c**		
		1.0E-02	I			1	0.1		Trichlorophenoxyacetic Acid, 2,4,5-	93-76-5	6.3E+02	n	8.2E+03	n						1.6E+02	n		6.7E-02	n	
		8.0E-03	I			1	0.1		Trichlorophenoxypropionic Acid, -2,4,5	93-72-1	5.1E+02	n	6.6E+03	n						1.1E+02	n	5.0E+01	6.1E-02	n	2.8E-02
		5.0E-03	I		V	1		1.3E+03	Trichloropropane, 1,1,2-	598-77-6	3.9E+02	n	5.8E+03	ns						8.8E+01	n		3.5E-02	n	
		4.0E-03	I	3.0E-04	I	V	M	1	1.4E+03	Trichloropropane, 1,2,3-	96-18-4	5.1E+03	c	1.1E-01	c	3.1E-01	n	1.3E+00	n	7.5E-04	c		3.2E-07	c	
		3.0E-03	X	3.0E-04	P	V	1	4.5E+02	Trichloropropene, 1,2,3-	96-19-5	7.3E-01	n	3.1E+00	n	3.1E-01	n	1.3E+00	n	6.2E-01	n		3.1E-04	n		
		2.0E-02	A			1	0.1		Tricresyl Phosphate (TCP)	1330-78-5	1.3E+03	n	1.6E+04	n						1.6E+02	n		1.5E+01	n	
		3.0E-03	I			1	0.1		Tridiphane	58138-08-2	1.9E+02	n	2.5E+03	n						1.8E+01	n		1.3E-01	n	
				7.0E-03	I	V	1	2.8E+04	Triethylamine	121-44-8	1.2E+02	n	4.8E+02	n	7.3E+00	n	3.1E+01	n	1.5E+01	n		4.4E-03	n		

Regional Screening Level (RSL) Summary Table (TR=1E-6, HQ=1) June 2015 (revised)

Toxicity and Chemical-specific Information											Contaminant		Screening Levels										Protection of Ground Water SSLs				
SFO (mg/kg-day) ⁻¹	Key	IUR (ug/m ³ -y) ⁻¹	Key	RfD _o (mg/kg-day)	Key	RfC _i (mg/m ³ -y)	Key	muta- gen	GIABS	ABS	C _{sat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident Air (ug/m ³)	key	Industrial Air (ug/m ³)	key	Tapwater (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	key	MCL-based SSL (mg/kg)
2.0E-02	P			7.0E-03	P				1	0.1		Tris(2-chloroethyl)phosphate	115-96-8	2.7E+01	c*	1.1E+02	c*					3.8E+00	c*		3.8E-03	c*	
3.2E-03	P			1.0E-01	P				1	0.1		Tris(2-ethylhexyl)phosphate	78-42-2	1.7E+02	c*	7.2E+02	c					2.4E+01	c*		1.2E+02	c*	
				3.0E-03	I	4.0E-05	A		1			Uranium (Soluble Salts)	NA	2.3E+02	n	3.5E+03	n	4.2E-02	n	1.8E-01	n	6.0E+01	n	3.0E+01	2.7E+01	n	1.4E+01
1.0E+00	C	2.9E-04	C					M	1	0.1		Urethane	51-79-6	1.2E-01	c	2.3E+00	c	3.5E-03	c	4.2E-02	c	2.5E-02	c		5.6E-06	c	
		8.3E-03	P	9.0E-03	I	7.0E-06	P		0.026			Vanadium Pentoxide	1314-62-1	4.6E+02	c**	2.0E+03	c**	3.4E-04	c*	1.5E-03	c*	1.5E+02	n			n	
				5.0E-03	S	1.0E-04	A		0.026			Vanadium and Compounds	7440-62-2	3.9E+02	n	5.8E+03	n	1.0E-01	n	4.4E-01	n	8.6E+01	n		8.6E+01	n	
				1.0E-03	I		V		1			Vermolate	1929-77-7	7.8E+01	n	1.2E+03	n					1.1E+01	n		8.9E-03	n	
				2.5E-02	I				1	0.1		Vinclozolin	50471-44-8	1.6E+03	n	2.1E+04	n					4.4E+02	n		3.4E-01	n	
				1.0E+00	H	2.0E-01	I	V	1		2.8E+03	Vinyl Acetate	108-05-4	9.1E+02	n	3.8E+03	ns	2.1E+02	n	8.8E+02	n	4.1E+02	n		8.7E-02	n	
		3.2E-05	H			3.0E-03	I	V	1		3.4E+03	Vinyl Bromide	593-60-2	1.2E-01	c*	5.2E-01	c*	8.8E-02	c*	3.8E-01	c*	1.8E-01	c*		5.1E-05	c*	
7.2E-01	I	4.4E-06	I	3.0E-03	I	1.0E-01	I	V	M	1	3.9E+03	Vinyl Chloride	75-01-4	5.9E-02	c	1.7E+00	c	1.7E-01	c	2.8E+00	c	1.9E-02	c	2.0E+00	6.5E-06	c	6.9E-04
				3.0E-04	I				1	0.1		Wartann	81-81-2	1.9E+01	n	2.5E+02	n					5.6E+00	n		5.9E-03	n	
				2.0E-01	S	1.0E-01	S	V	1		3.9E+02	Xylene, p	106-42-3	5.6E+02	ns	2.4E+03	ns	1.0E+02	n	4.4E+02	n	1.9E+02	n		1.9E-01	n	
				2.0E-01	S	1.0E-01	S	V	1		3.9E+02	Xylene, m	108-38-3	5.5E+02	ns	2.4E+03	ns	1.0E+02	n	4.4E+02	n	1.9E+02	n		1.9E-01	n	
				2.0E-01	S	1.0E-01	S	V	1		4.3E+02	Xylene, o	95-47-6	6.5E+02	ns	2.8E+03	ns	1.0E+02	n	4.4E+02	n	1.9E+02	n		1.9E-01	n	
				2.0E-01	I	1.0E-01	I	V	1		2.6E+02	Xylenes	1380-20-7	6.5E+02	ns	2.8E+03	ns	1.0E+02	n	4.4E+02	n	1.9E+02	n	1.0E+04	1.9E-01	n	9.8E+00
				3.0E-04	I				1			Zinc Phosphide	1314-84-7	2.3E+01	n	3.5E+02	n					6.0E+00	n			n	
				3.0E-01	I				1			Zinc and Compounds	7440-66-6	2.3E+04	n	3.5E+05	nm					6.0E+03	n		3.7E+02	n	
				5.0E-02	I				1	0.1		Zinc	72122-67-7	3.2E+03	n	4.1E+04	n					9.9E+02	n		2.9E+00	n	
				8.0E-05	X				1			Zirconium	7440-67-7	6.3E+00	n	9.3E+01	n					1.6E+00	n		4.8E+00	n	