

Regional Screening Level (RSL) Summary Table November 2011

Toxicity and Chemical-specific Information													Contaminant		Screening Levels										Protection of Ground		
SFO (mg/kg-day) ⁻³	key	IUR (ug/m ³) ⁻¹	key	RFD _a (mg/kg-day)	key	RF _i (mg/m ³)	key	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)	MCL-based SSL (mg/kg)
1.8E-02	C	5.1E-06	C	1.5E-01	I							0.1	ALAR	1596-84-5	2.7E+01	c	9.6E+01	c	4.8E-01	c	2.4E+00	c	3.7E+00	c		8.2E-04	
8.7E-03	I	2.2E-06	I	4.0E-03	I	9.0E-03	I	V				1.1E+05	Acophate	30560-19-1	5.6E+01	c**	2.0E+02	c*					7.7E+00	c**		1.7E-03	
													Acetaldehyde	75-07-0	1.0E+01	c**	5.2E+01	c**	1.1E+00	c**	5.6E+00	c**	2.2E+00	c**		4.5E-04	
				2.0E-02	I							0.1	Acetochlor	34256-82-1	1.2E+03	n	1.2E+04	n					2.7E+02	n		2.2E-01	
				9.0E-01	I	3.1E+01	A	V				1.1E+05	Acetone	67-64-1	6.1E+04	n	6.3E+05	nms	3.2E+04	n	1.4E+05	n	1.2E+04	n		2.4E+00	
				3.0E-03	P	6.0E-02	P	V				1.1E+05	Acetone Cyanohydrin	75-86-5	2.0E+02	n	2.1E+03	n	6.3E+01	n	2.6E+02	n	3.4E+01	n		6.9E-03	
						6.0E-02	I	V				1.3E+05	Acetonitrile	75-05-8	8.7E+02	n	3.7E+03	n	6.3E+01	n	2.6E+02	n	1.3E+02	n		2.6E-02	
3.8E+00	C	1.3E-03	C	1.0E-01	I			V				2.5E+03	Acetophenone	98-86-2	7.8E+03	ns	1.0E+05	nms					1.5E+03	n		4.5E-01	
												0.1	Acetylaminofluorene, 2-	53-96-3	1.3E-01	c	4.5E-01	c	1.9E-03	c	9.4E-03	c	1.4E-02	c		6.5E-05	
				5.0E-04	I	2.0E-05	I	V				2.3E+04	Acrolein	107-02-8	1.5E-01	n	6.5E-01	n	2.1E-02	n	8.8E-02	n	4.1E-02	n		8.4E-06	
5.0E-01	I	1.0E-04	I	2.0E-03	I	6.0E-03	I		M			0.1	Acrylamide	79-06-1	2.3E-01	c	3.4E+00	c	9.6E-03	c	1.2E-01	c	4.3E-02	c		9.1E-06	
				5.0E-01	I	1.0E-03	I					0.1	Acrylic Acid	79-10-7	3.0E+04	n	2.9E+05	nm	1.0E+00	n	4.4E+00	n	7.7E+03	n		1.6E+00	
5.4E-01	I	6.8E-05	I	4.0E-02	A	2.0E-03	I	V				1.1E+04	Acrylonitrile	107-13-1	2.4E-01	c*	1.2E+00	c*	3.6E-02	c*	1.8E-01	c*	4.5E-02	c*		9.8E-06	
						6.0E-03	P					0.1	Adiponitrile	111-69-3	8.5E+06	nm	3.6E+07	nm	6.3E+00	n	2.6E+01	n				3.8E-03	
5.6E-02	C			1.0E-02	I							0.1	Alachlor	15972-60-8	8.7E+00	c*	3.1E+01	c					9.1E-01	c	2.0E+00	7.5E-04	1.6E-03
				1.0E-03	I							0.1	Aldicarb	116-06-3	6.1E+01	n	6.2E+02	n					1.5E+01	n		3.8E-03	
				1.0E-03	I							0.1	Aldicarb Sulfone	1646-88-4	6.1E+01	n	6.2E+02	n					1.6E+01	n		3.4E-03	
1.7E+01	I	4.9E-03	I	3.0E-05	I							0.1	Aldrin	309-00-2	2.9E-02	c*	1.0E-01	c	5.0E-04	c	2.5E-03	c	2.1E-04	c		3.4E-05	
				2.5E-01	I							0.1	Allyl	74223-64-6	1.5E+04	n	1.5E+05	nm					3.8E+03	n		1.5E+00	
2.1E-02	C	6.0E-06	C	5.0E-03	I	1.0E-04	X					1.4E+03	Allyl Alcohol	107-18-6	3.0E+02	n	3.1E+03	n	1.0E-01	n	4.4E-01	n	7.8E+01	n		1.6E-02	
						1.0E-03	I	V				0.1	Allyl Chloride	107-05-1	6.8E-01	c**	3.4E+00	c**	4.1E-01	c**	2.0E+00	c**	6.3E-01	c**		2.0E-04	
				1.0E+00	P	5.0E-03	P					1	Aluminum	7429-90-5	7.7E+04	n	9.9E+05	nm	5.2E+00	n	2.2E+01	n	1.6E+04	n		2.3E+04	
				4.0E-04	I							1	Aluminum Phosphide	20859-73-8	3.1E+01	n	4.1E+02	n					6.2E+00	n		1.7E+03	
				3.0E-04	I							0.1	Amdro	67485-29-4	1.8E+01	n	1.8E+02	n					4.7E+00	n		1.7E+03	
				9.0E-03	I							0.1	Ametryn	834-12-8	5.5E+02	n	5.5E+03	n					1.2E+02	n		1.2E-01	
2.1E+01	C	6.0E-03	C	8.0E-02	P							0.1	Aminobiphenyl, 4-	92-67-1	2.3E-02	c	8.2E-02	c	4.1E-04	c	2.0E-03	c	2.6E-03	c		1.3E-05	
												0.1	Aminophenol, m-	591-27-5	4.9E+03	n	4.9E+04	n					1.2E+03	n		4.7E-01	
				2.0E-02	P							0.1	Aminophenol, p-	123-30-8	1.2E+03	n	1.2E+04	n					3.1E+02	n		1.2E-01	
				2.5E-03	I							0.1	Amitraz	33089-61-1	1.5E+02	n	1.5E+03	n					5.9E+00	n		3.0E+00	
						1.0E-01	I					1	Ammonia	7664-41-7					1.0E+02	n	4.4E+02	n					
				2.0E-01	I							1	Ammonium Sulfamate	7773-06-0	1.6E+04	n	2.0E+05	nm					3.1E+03	n			
5.7E-03	I	1.6E-06	C	7.0E-03	P	1.0E-03	I					0.1	Aniline	62-53-3	8.5E+01	c**	3.0E+02	c*	1.0E+00	n	4.4E+00	n	1.2E+01	c**		3.9E-03	
4.0E-02	P			2.0E-03	X							0.1	Anthraquinone, 9,10-	84-65-1	1.2E+01	c*	4.3E+01	c*					1.2E+00	c*		1.2E-02	
				4.0E-04	I							0.15	Antimony (metallic)	7440-36-0	3.1E+01	n	4.1E+02	n					6.0E+00	n	6.0E+00	2.7E-01	2.7E-01
				5.0E-04	H							0.15	Antimony Pentoxide	1314-60-9	3.9E+01	n	5.1E+02	n					7.5E+00	n			
				9.0E-04	H							0.15	Antimony Potassium Tartrate	11071-15-1	7.0E+01	n	9.2E+02	n					1.3E+01	n			
				4.0E-04	H							0.15	Antimony Tetroxide	1332-81-6	3.1E+01	n	4.1E+02	n					6.0E+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				1.1E+01	
				1.3E-02	I							0.1	Apollo	74115-24-5	7.9E+02	n	8.0E+03	n					1.8E+02	n			
2.5E-02	I	7.1E-06	I	5.0E-02	H							0.1	Aramite	140-57-8	1.9E+01	c	6.9E+01	c	3.4E-01	c	1.7E+00	c	2.7E+00	c		3.0E-02	
1.5E+00	I	4.3E-03	I	3.0E-04	I	1.5E-05	C					0.03	Arsenic, inorganic	7440-38-2	3.9E-01	c*	1.6E+00	c	5.7E-04	c*	2.9E-03	c*	4.5E-02	c	1.0E+01	1.3E-03	2.9E-01
				3.5E-06	C	5.0E-05	I					1	Arsine	7784-42-1	2.7E-01	n	3.6E+00	n	5.2E-02	n	2.2E-01	n	5.4E-02	n			
				9.0E-03	I							0.1	Assure	76578-14-8	5.5E+02	n	5.5E+03	n					9.3E+01	n		1.4E+00	
				5.0E-02	I							0.1	Asulam	3337-71-1	3.1E+03	n	3.1E+04	n					7.8E+02	n		2.0E-01	
				3.5E-02	I							0.1	Atrazine	1912-24-9	2.1E+00	c	7.5E+00	c					2.6E-01	c	3.0E+00	1.7E-04	1.9E-03
8.8E-01	C	2.5E-04	C	4.0E-04	I							0.1	Auramine	492-80-8	5.5E-01	c	2.0E+00	c	9.7E-03	c	4.9E-02	c	6.7E-02	c		6.1E-04	
												0.1	Azovermectin B1	65195-55-3	2.4E+01	n	2.5E+02	n					6.3E+00	n		1.1E+01	
1.1E-01	I	3.1E-05	I					V				1	Azobenzene	103-33-3	5.1E+00	c	2.3E+01	c	7.8E-02	c	4.0E-01	c	1.0E-01	c		8.0E-04	
				2.0E-01	I	5.0E-04	H					0.07	Barium	7440-39-3	1.5E+04	n	1.9E+05	nm	5.2E-01	n	2.2E+00	n	2.9E+03	n	2.0E+03	1.2E+02	8.2E+01
				4.0E-03	I							0.1	Baygon	114-26-1	2.4E+02	n	2.5E+03	n					6.1E+01	n		2.0E-02	
				3.0E-02	I							0.1	Bayleton	43121-43-3	1.8E+03	n	1.8E+04	n					4.3E+02	n		3.4E-01	
				2.5E-02	I							0.1	Baythroid	68359-37-5	1.5E+03	n	1.5E+04	n					8.7E+01	n		2.3E+01	
				3.0E-01	I							0.1	Benefin	1861-40-1	1.8E+04	n	1.8E+05	nm					1.2E+				

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Toxicity and Chemical-specific Information															Contaminant		Screening Levels										Protection of Ground		
SFO (mg/kg-day) ⁻³	key	IUR (ug/m ³) ⁻¹	key	RFDo (mg/kg-day)	key	RFci (mg/m ³)	key	vo muta-	key	GIABS	key	ABS	key	Csat (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)	MCL-based SSL (mg/kg)
				1.0E-04	I							1	0.1		Bidrin	141-66-2	6.1E+00	n	6.2E+01	n					1.6E+00	n		3.6E-04	
				9.0E-03	P							1	0.1		Bifenox	42576-02-3	5.5E+02	n	5.5E+03	n					7.5E+01	n		5.7E-01	
8.0E-03	X			1.5E-02	I							1	0.1		Biphenrin	82657-04-3	9.2E+02	n	9.2E+03	n					2.3E+02	n		1.1E+03	
				5.0E-02	I	4.0E-04	X	V				1		2.1E+02	Biphenyl, 1,1'-	92-52-4	5.1E+01	n	2.1E+02	n	4.2E-01	n	1.8E+00	n	8.3E-01	n		8.7E-03	
7.0E-02	H	1.0E-05	H	4.0E-02	I			V				1		1.0E+03	Bis(2-chloro-1-methylethyl) ether	108-60-1	4.6E+00	c	2.2E+01	c	2.4E-01	c	1.2E+00	c	3.1E-01	c		1.1E-04	
1.1E+00	I	3.3E-04	I	3.0E-03	P			V				1	0.1		Bis(2-chloroethoxy)methane	111-91-1	1.8E+02	n	1.8E+03	n					4.7E+01	n		1.1E-02	
								V				1		5.1E+03	Bis(2-chloroethyl)ether	111-44-4	2.1E-01	c	1.0E+00	c	7.4E-03	c	3.7E-02	c	1.2E-02	c		3.1E-06	
1.4E-02	I	2.4E-06	C	2.0E-02	I							1	0.1		Bis(2-ethylhexyl)phthalate	117-81-7	3.5E+01	c*	1.2E+02	c	1.0E+00	c	5.1E+00	c	7.1E-02	c*	6.0E+00	1.7E-02	1.4E+00
2.2E+02	I	6.2E-02	I					V				1		4.2E+03	Bis(chloromethyl)ether	542-88-1	7.7E-05	c	3.9E-04	c	3.9E-05	c	2.0E-04	c	6.2E-05	c		1.5E-08	
				5.0E-02	I							1	0.1		Bisphenol A	80-05-7	3.1E+03	n	3.1E+04	n					5.8E+02	n		4.4E+01	
				2.0E-01	I	2.0E-02	H					1			Boron And Borates Only	7440-42-8	1.6E+04	n	2.0E+05	nm	2.1E+01	n	8.8E+01	n	3.1E+03	n		9.9E+00	
7.0E-01	I			4.0E-02	C	1.3E-02	C					1			Boron Trifluoride	7637-07-2	3.1E+03	n	4.1E+04	n	1.4E+01	n	5.7E+01	n	6.2E+02	n			
				4.0E-03	I							1			Bromate	15541-45-4	9.1E-01	c	4.1E+00	c					9.6E-02	c	1.0E+01	7.4E-04	7.7E-02
2.0E+00	X	6.0E-04	X					V				1		2.4E+03	Bromo-2-chloroethane, 1-	107-04-0	2.4E-02	c	1.2E-01	c	4.1E-03	c	2.0E-02	c	6.5E-03	c		1.8E-06	
				8.0E-03	I	6.0E-02	I	V				1		6.8E+02	Bromobenzene	108-86-1	3.0E+02	n	1.8E+03	ns	6.3E+01	n	2.6E+02	n	5.4E+01	n		3.6E-02	
						4.0E-02	X	V				1		4.0E+03	Bromochloromethane	74-97-5	1.6E+02	n	6.8E+02	n	4.2E+01	n	1.8E+02	n	8.3E+01	n		2.1E-02	
6.2E-02	I	3.7E-05	C	2.0E-02	I			V				1		9.3E+02	Bromodichloromethane	75-27-4	2.7E-01	c	1.4E+00	c	6.6E-02	c	3.3E-01	c	1.2E-01	c	8.0E+01(F)	3.2E-05	2.2E-02
7.9E-03	I	1.1E-06	I	2.0E-02	I			V				1	0.1		Bromoform	75-25-2	6.2E+01	c*	2.2E+02	c*	2.2E+00	c	1.1E+01	c	7.9E+00	c*	8.0E+01(F)	2.1E-03	2.1E-02
				1.4E-03	I	5.0E-03	I	V				1		3.6E+03	Bromomethane	74-83-9	7.3E+00	n	3.2E+01	n	5.2E+00	n	2.2E+01	n	7.0E+00	n		1.8E-03	
				5.0E-03	H							1	0.1		Bromophos	2104-96-3	3.1E+02	n	3.1E+03	n					2.6E+01	n		1.1E-01	
				2.0E-02	I							1	0.1		Bromoxynil	1689-84-5	1.2E+03	n	1.2E+04	n					3.1E+02	n		2.7E-01	
				2.0E-02	I							1	0.1		Bromoxynil Octanoate	1689-99-2	1.2E+03	n	1.2E+04	n					1.0E+02	n		8.7E-01	
3.4E+00	C	3.0E-05	I			2.0E-03	I	V				1		6.7E+02	Butadiene, 1,3-	106-99-0	5.4E-02	c*	2.6E-01	c*	8.1E-02	c*	4.1E-01	c*	1.6E-02	c		8.6E-06	
				1.0E-01	I							1	0.1		Butanol, N-	71-36-3	6.1E+03	n	6.2E+04	n					1.5E+03	n		3.2E-01	
1.9E-03	P			2.0E-01	I							1	0.1		Butyl Benzyl Phthlate	85-68-7	2.6E+02	c*	9.1E+02	c					1.4E+01	c*		2.0E-01	
				2.0E+00	P	3.0E+01	P					1	0.1		Butyl alcohol, sec-	78-92-2	1.2E+05	nm	1.2E+06	nm	3.1E+04	n	1.3E+05	n	3.1E+04	n		6.3E+00	
				5.0E-02	I							1	0.1		Butylate	2008-41-5	3.1E+03	n	3.1E+04	n					3.4E+02	n		3.3E-01	
2.0E-04	C	5.7E-08	C									1	0.1		Butylated hydroxyanisole	25013-16-5	2.4E+03	c	8.6E+03	c	4.3E+01	c	2.2E+02	c	3.4E+02	c		6.3E-01	
				5.0E-02	P			V				1		1.1E+02	Butylbenzene, n-	104-51-8	3.9E+03	ns	5.1E+04	ns					7.8E+02	n		2.5E+00	
				1.0E+00	I							1	0.1		Butylphthalyl Butylglycolate	85-70-1	6.1E+04	n	6.2E+05	nm					1.6E+04	n		3.5E+02	
				2.0E-02	A							1	0.1		Cacodylic Acid	75-60-5	1.2E+03	n	1.2E+04	n					3.1E+02	n			
1.8E-03	I			1.0E-03	I	2.0E-05	C			0.025	0.001				Cadmium (Diet)	7440-43-9	7.0E+01	n	8.0E+02	n									
				1.8E-03	I	5.0E-04	I	2.0E-05	C		0.05	0.001			Cadmium (Water)	7440-43-9	1.4E-03	c*		c*	6.8E-03	c*	6.9E+00	n	5.0E+00			5.2E-01	3.8E-01
				5.0E-01	I							1	0.1		Caprolactam	105-60-2	3.1E+04	n	3.1E+05	nm					7.7E+03	n		1.9E+00	
1.5E-01	C	4.3E-05	C	2.0E-03	I							1	0.1		Captafol	2425-06-1	3.2E+00	c*	1.1E+01	c	5.7E-02	c	2.9E-01	c	3.5E-01	c*		6.1E-04	
2.3E-03	C	6.6E-07	C	1.3E-01	I							1	0.1		Captan	133-06-2	2.1E+02	c*	7.5E+02	c	3.7E+00	c	1.9E+01	c	2.7E+01	c*		1.9E-02	
				1.0E-01	I							1	0.1		Carbaryl	63-25-2	6.1E+03	n	6.2E+04	n					1.4E+03	n		1.3E+00	
				5.0E-03	I							1	0.1		Carbofuran	1563-66-2	3.1E+02	n	3.1E+03	n					7.3E+01	n	4.0E+01	2.8E-02	1.6E-02
7.0E-02	I	6.0E-06	I	1.0E-01	I	7.0E-01	I	V				1		7.4E+02	Carbon Disulfide	75-15-0	8.2E+02	ns	3.7E+03	ns	7.3E+02	n	3.1E+03	n	7.2E+02	n		2.1E-01	
				4.0E-03	I	1.0E-01	I	V				1		4.6E+02	Carbon Tetrachloride	56-23-5	6.1E-01	c	3.0E+00	c	4.1E-01	c	2.0E+00	c	3.9E-01	c	5.0E+00	1.5E-04	1.9E-03
				1.0E-02	I							1	0.1		Carbosulfan	55285-14-8	6.1E+02	n	6.2E+03	n					1.6E+02	n		3.8E+00	
				1.0E-01	I							1	0.1		Carboxin	5234-68-4	6.1E+03	n	6.2E+04	n					1.5E+03	n		8.0E-01	
						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					
4.0E-01	H			1.0E-01	I							1	0.1		Chloral Hydrate	302-17-0	6.1E+03	n	6.2E+04	n					1.5E+03	n		3.1E-01	
				1.5E-02	I							1	0.1		Chloramben	133-90-4	9.2E+02	n	9.2E+03	n					2.3E+02	n		5.7E-02	
												1	0.1		Chloranil	118-75-2	1.2E+00	c	4.3E+00	c					1.7E-01	c		1.4E-04	
3.5E-01	I	1.0E-04	I	5.0E-04	I	7.0E-04	I					1	0.04		Chlordane	12789-03-6	1.6E+00	c*	6.5E+00	c*	2.4E-02	c*	1.2E-01	c*	1.9E-01	c*	2.0E+00	1.3E-02	1.4E-01
1.0E+01	I	4.6E-03	C	3.0E-04	I							1	0.1		Chlordecone (Kepone)	143-50-0	4.9E-02	c	1.7E-01	c	5.3E-04	c	2.7E-03	c	3.0E-03	c		1.1E-04	
				7.0E-04	A							1	0.1		Chlorfenvinphos	470-90-6	4.3E+01	n	4.3E+02	n					8.6E+00	n		2.3E-02	
				2.0E-02	I	</																							

Regional Screening Level (RSL) Summary Table November 2011

Toxicity and Chemical-specific Information										Contaminant		Screening Levels								Protection of Ground							
SFO (mg/kg-day) ⁻³	k e y	IUR (ug/m ³) ⁻²	k e y	RFDo (mg/kg-day)	k e y	RFi (mg/m ³)	k e y	V o l a t i l e	muta- g e n	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)	MCL-based SSL (mg/kg)
		4.0E-02	P		V				1			7.3E+02	Chlorobutane, 1- Chlorodifluoromethane	109-69-3 75-45-6	3.1E+03 5.3E+04	ns ns	4.1E+04 2.2E+05	ns nms	5.2E+04	n	2.2E+05	n	4.8E+02 1.0E+05	n		2.0E-01 4.3E+01	
3.1E-02	C	2.3E-05	I	1.0E-02	I	9.8E-02	A	V				2.5E+03	Chloroform	67-66-3	2.9E-01	c	1.5E+00	c	1.1E-01	c	5.3E-01	c	1.9E-01	c	8.0E+01(F)	5.3E-05	2.2E-02
2.4E+00	C	6.9E-04	C		V	9.0E-02	I	V				1.3E+03	Chloromethane	74-87-3	1.2E+02	n	5.0E+02	n	9.4E+01	n	3.9E+02	n	1.9E+02	n		4.9E-02	
					V			V				2.6E+04	Chloromethyl Methyl Ether	107-30-2	1.9E-02	c	9.4E-02	c	3.5E-03	c	1.8E-02	c	5.6E-03	c		1.2E-06	
		8.0E-02	I		V			V				1.8E+02	Chloronaphthalene, Beta- Chloronitrobenzene, o- Chloronitrobenzene, p-	91-58-7 88-73-3 100-00-5	6.3E+03 1.6E+00 6.1E+01	ns c n	8.2E+04 5.7E+00 2.7E+02	ns c c**			1.0E-02 4.4E-02 2.6E+00	n n n	5.5E+02 2.0E-01 9.4E+00	n c c**		2.9E+00 1.9E-04 8.7E-03	
3.1E-03	C	8.9E-07	C	5.0E-03	I	4.0E-04	C	V			0.1	2.2E+04	Chlorophenol, 2- Chloropicrin Chlorothalonil	95-57-8 76-06-2 1897-45-6	3.9E+02 2.1E+00 1.6E+02	n n c**	5.1E+03 8.8E+00 5.6E+02	n c c*	4.2E-01 n 2.7E+00	n n c	1.8E+00 1.4E+01	n c	7.1E+01 1.9E+02 1.9E+01	n c c*		5.7E-02 2.5E-04 4.3E-02	
2.4E+02	C	6.9E-02	C	2.0E-02	I			V				9.1E+02	Chlorotoluene, o- Chlorotoluene, p- Chlorozotocin	95-49-8 106-43-4 54749-90-5	1.6E+03 1.6E+03 2.0E+03	ns ns c	2.0E+04 2.0E+04 7.2E-03	ns ns c			3.5E-05 1.8E-04	c c	1.8E+02 1.9E+02 2.8E-04	n c		1.7E-01 1.8E-01 6.2E-08	
		2.0E-01	I								0.1		Chlorpropham	101-21-3	1.2E+04	n	1.2E+05	nm					2.2E+03	n		1.9E+00	
		1.0E-03	A								0.1		Chlorpyrifos	2921-88-2	6.1E+01	n	6.2E+02	n					6.2E+00	n		9.2E-02	
		1.0E-02	H								0.1		Chlorpyrifos Methyl	5598-13-0	6.1E+02	n	6.2E+03	n					8.9E+01	n		4.1E-01	
		5.0E-02	I								0.1		Chlorsulfuron	64902-72-3	3.1E+03	n	3.1E+04	n					7.7E+02	n		6.5E-01	
		8.0E-04	H								0.1		Chlorthiophos	60238-56-4	4.9E+01	n	4.9E+02	n					2.0E+00	n		5.2E-02	
		1.5E+00	I								0.013		Chromium(III), Insoluble Salts	16065-83-1	1.2E+05	nm	1.5E+06	nm					1.6E+04	n		2.8E+07	
5.0E-01	J	8.4E-02	S	3.0E-03	I	1.0E-04	I	M			0.025		Chromium(VI) Chromium, Total	18540-29-9 7440-47-3	2.9E-01	c	5.6E+00	c	1.1E-05	c	1.5E-04	c	3.1E-02	c	1.0E+02	5.9E-04	1.8E+05
		9.0E-03	P	3.0E-04	P	6.0E-06	P				1		Cobalt	7440-48-4	2.3E+01	n	3.0E+02	n	2.7E-04	c*	1.4E-03	c*	4.7E+00	n		2.1E-01	
		6.2E-04	I					M			0.1		Coke Oven Emissions	8007-45-2					1.5E-03	c	2.0E-02	c					
		4.0E-02	H								1		Copper	7440-50-8	3.1E+03	n	4.1E+04	n					6.2E+02	n	1.3E+03	2.2E+01	4.6E+01
		5.0E-02	I	6.0E-01	C						0.1		Cresol, m-	108-39-4	3.1E+03	n	3.1E+04	n	6.3E+02	n	2.6E+03	n	7.2E+02	n		5.7E-01	
		5.0E-02	I	6.0E-01	C						0.1		Cresol, o-	95-48-7	3.1E+03	n	3.1E+04	n	6.3E+02	n	2.6E+03	n	7.2E+02	n		5.8E-01	
		5.0E-03	H	6.0E-01	C						0.1		Cresol, p-	106-44-5	3.1E+02	n	3.1E+03	n	6.3E+02	n	2.6E+03	n	7.2E+01	n		5.7E-02	
		1.0E-01	X								0.1		Cresol, p-chloro-m-	59-50-7	6.1E+03	n	6.2E+04	n					1.1E+03	n		1.3E+00	
1.9E+00	H			1.0E-01	A	6.0E-01	C	V			1	5.0E+04	Cresols	1319-77-3	7.5E+03	n	9.1E+04	ns	6.3E+02	n	2.6E+03	n	6.7E+02	n		5.4E-01	
		1.0E-03	P								1	1.7E+04	Grotonaldehyde, trans-	123-73-9	3.4E-01	c	1.5E+00	c					3.5E-02	c		7.1E-06	
		1.0E-01	I	4.0E-01	I	V					1	2.7E+02	Cumene	98-82-8	2.1E+03	ns	1.1E+04	ns	4.2E+02	n	1.8E+03	n	3.9E+02	n		6.4E-01	
2.2E-01	C	6.3E-05	C								0.1		Cupferron	135-20-6	2.2E+00	c	7.8E+00	c	3.9E-02	c	1.9E-01	c	3.1E-01	c		5.3E-04	
8.4E-01	H			2.0E-03	H						0.1		Cyanazine	21725-46-2	5.8E-01	c	2.1E+00	c					7.6E-02	c		3.5E-05	
													Cyanides														
		4.0E-02	I								1	592-01-8	~Calcium Cyanide	592-01-8	3.1E+03	n	4.1E+04	n					6.2E+02	n			
		5.0E-03	I								1	544-92-3	~Copper Cyanide	544-92-3	3.9E+02	n	5.1E+03	n					7.8E+01	n			
		2.0E-02	I								1	1.0E+07	~Cyanide (CN-)	57-12-5	1.6E+03	n	2.0E+04	n					3.1E+02	n	2.0E+02	3.1E+01	2.0E+00
		4.0E-02	I								1	460-19-5	~Cyanogen	460-19-5	3.1E+03	n	4.1E+04	n					6.2E+02	n			
		9.0E-02	I								1	506-68-3	~Cyanogen Bromide	506-68-3	7.0E+03	n	9.2E+04	n					1.4E+03	n			
		5.0E-02	I								1	506-77-4	~Cyanogen Chloride	506-77-4	3.9E+03	n	5.1E+04	n					7.8E+02	n			
		6.0E-04	I	8.0E-04	I	V					1	74-90-8	~Hydrogen Cyanide	74-90-8	4.7E+01	n	6.1E+02	n	8.3E-01	n	3.5E+00	n	1.4E+00	n			
		5.0E-02	I								1	151-50-8	~Potassium Cyanide	151-50-8	3.9E+03	n	5.1E+04	n					7.7E+02	n			
		2.0E-01	I								0.04		~Potassium Silver Cyanide	506-61-6	1.6E+04	n	2.0E+05	nm					2.4E+03	n			
		1.0E-01	I								0.04		~Silver Cyanide	506-64-9	7.8E+03	n	1.0E+05	nm					1.3E+03	n			
		4.0E-02	I								1	143-33-9	~Sodium Cyanide	143-33-9	3.1E+03	n	4.1E+04	n					6.2E+02	n	2.0E+02		
		2.0E-04	P								1	4.6E+03	~Thiocyanate	463-56-9	1.6E+01	n	2.0E+02	n					3.1E+00	n		6.6E-04	
		5.0E-02	I								1	557-21-1	~Zinc Cyanide	557-21-1	3.9E+03	n	5.1E+04	n					7.8E+02	n			
2.3E-02	H			6.0E+00	I	V					0.1	1.2E+02	Cyclohexane Cyclohexane, 1,2,3,4,5-pentabromo-6-chloro-	110-82-7 87-84-3	7.0E+03 2.1E+01	ns c	2.9E+04 7.5E+01	ns c	6.3E+03	n	2.6E+04	n	2.1E+00	c		1.3E+01 1.2E-02	
		5.0E+00	I	7.0E-01	P						0.1	108-94-1	Cyclohexanone	108-94-1	3.1E+05	nm	3.1E+06	nm	7.3E+02	n	3.1E+03	n	7.7E+04	n		1.8E+01	
		2.0E-01	I								0.1	108-91-8	Cyclohexylamine	108-91-8	1.2E+04	n	1.2E+05	nm					3.0E+03	n		7.9E-01	
		5.0E-03	I								0.1	68085-85-8	Cyhalothrin/karate	68085-85-8	3.1E+02	n	3.1E+03	n					7.8E+01	n		5.3E+01	
		1.0E-02	I								0.1	52315-07-8	Cypermethrin	52315-07-8	6.1E+02	n	6.2E+03	n					1.6E+02	n		2.5E+01	
2.4E-01	I	6.9E-05	C	7.5E-03	I						0.1	66215-27-8	Cyromazine	66215-27-8	4.6E+02	n	4.6E+03	n					1.2E+02	n		3.0E-02	
											0.1	72-54-8	DDD	72-54-8	2.0E+00	c	7.2E+00	c	3.5E-02	c	1.8E-01	c	2.8E-01	c		6.6E-02	
3.4E-01	I	9.7E-05	C								0.1	72-55-9	DDE, p,p'-	72-55-9	1.4E+00	c	5.1E+00	c	2.5E-02	c	1.3E-01	c	2.0E-01	c		4.6E-02	
3.4E-01	I	9.7E-05	I	5.0E-04	I						0.03	50-29-3	DDT	50-29-3	1.7E+00	c*	7.0E+00	c*	2.5E-02	c	1.3E-01	c	2.0E-01	c*		6.7E-02	
				1.0E-02	I						0.1	1861-32-1	Dacthal	1861-32-1	6.1E+02	n	6.2E+03	n									

Regional Screening Level (RSL) Summary Table November 2011

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; O = EPA Office of Water; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; F = See FAQ; 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				
SFO (mg/kg-day) ⁻³	ky	IUR (ug/m ³) ⁻²	ky	RFDo (mg/kg-day)	ky	RFci (mg/m ³)	ky	vo	muta-	GIABS	ABS	Csat (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)	MCL-based SSL (mg/kg)
8.0E-01	P	6.0E-03	P	2.0E-04	P	2.0E-04	I	V	M	1		9.8E+02	Dibromo-3-chloropropane, 1,2-	96-12-8	5.4E+03	c	6.9E-02	c	1.6E-04	c	2.0E-03	c	3.2E-04	c	2.0E-01	1.4E-07	8.6E-05
				1.0E-02	I					1	0.1		Dibromobenzene, 1,4-	106-37-6	6.1E+02	n	6.2E+03	n					9.8E+01	n		9.3E-02	
8.4E-02	I	2.7E-05	C	2.0E-02	I			V		1	0.1	8.0E+02	Dibromochloromethane	124-48-1	6.8E-01	c	3.3E+00	c	9.0E-02	c	4.5E-01	c	1.5E-01	c	8.0E+01(F)	3.9E-05	2.1E-02
2.0E+00	I	6.0E-04	I	9.0E-03	I	9.0E-03	I	V		1		1.3E+03	Dibromoethane, 1,2-	106-93-4	3.4E-02	c	1.7E-01	c	4.1E-03	c	2.0E-02	c	6.5E-03	c	5.0E-02	1.8E-06	1.4E-05
				1.0E-02	H	4.0E-03	X	V		1		2.8E+03	Dibromomethane (Methylene Bromide)	74-95-3	2.5E+01	n	1.1E+02	n	4.2E+00	n	1.8E+01	n	7.9E+00	n		1.9E-03	
				1.0E-01	I					1	0.1		Dibutyl Phthalate	84-74-2	6.1E+03	n	6.2E+04	n					6.7E+02	n		1.7E+00	
				3.0E-04	P					1	0.1		Dibutyltin Compounds	NA	1.8E+01	n	1.8E+02	n					4.7E+00	n			
		4.2E-03	P	3.0E-02	I					1	0.1	5.2E+02	Dicamba	1918-00-9	1.8E+03	n	1.8E+04	n					4.4E+02	n		1.1E-01	
								V		1			Dichloro-2-butene, 1,4-	764-41-0	6.9E+03	c	3.5E-02	c	5.8E-04	c	2.9E-03	c	1.2E-03	c		5.4E-07	
		4.2E-03	P							1	0.1	5.2E+02	Dichloro-2-butene, cis-1,4-	1476-11-5	6.9E-03	c	3.5E-02	c	5.8E-04	c	2.9E-03	c	1.2E-03	c		5.4E-07	
5.0E-02	I			4.0E-03	I					1	0.1	7.6E+02	Dichloro-2-butene, trans-1,4-	110-57-6	6.9E-03	c	3.5E-02	c	5.8E-04	c	2.9E-03	c	1.2E-03	c		5.4E-07	
										1	0.1		Dichloroacetic Acid	79-43-6	9.7E+00	c*	3.4E+01	c*					1.3E+00	c*	6.0E+01	2.7E-04	1.2E-02
				9.0E-02	I	2.0E-01	H	V		1		3.8E+02	Dichlorobenzene, 1,2-	95-50-1	1.9E+03	ns	9.8E+03	ns	2.1E+02	n	8.8E+02	n	2.8E+02	n	6.0E+02	2.7E-01	5.8E-01
5.4E-03	C	1.1E-05	C	7.0E-02	A	8.0E-01	I	V		1		1.0E+02	Dichlorobenzene, 1,4-	106-46-7	2.4E+00	c	1.2E+01	c	2.2E-01	c	1.1E+00	c	4.2E-01	c	7.5E+01	4.0E-04	7.2E-02
4.5E-01	I	3.4E-04	C							1	0.1		Dichlorobenzidine, 3,3'-	91-94-1	1.1E+00	c	3.8E+00	c	7.2E-03	c	3.6E-02	c	1.1E-01	c		7.1E-04	
				9.0E-03	X					1	0.1		Dichlorobenzophenone, 4,4'-	90-98-2	5.5E+02	n	5.5E+03	n					1.4E+02	n		8.5E-01	
				2.0E-01	I	1.0E-01	X	V		1		8.5E+02	Dichlorodifluoromethane	75-71-8	9.4E+01	n	4.0E+02	n	1.0E+02	n	4.4E+02	n	1.9E+02	n		3.0E-01	
5.7E-03	C	1.6E-06	C	2.0E-01	P			V		1		1.7E+03	Dichloroethane, 1,1-	75-34-3	3.3E+00	c	1.7E+01	c	1.5E+00	c	7.7E+00	c	2.4E+00	c		6.8E-04	
				6.0E-03	X	7.0E-03	P	V		1		3.0E+03	Dichloroethane, 1,2-	107-06-2	4.3E-01	c*	2.2E+00	c*	9.4E-02	c*	4.7E-01	c*	1.5E-01	c*	5.0E+00	4.2E-05	1.4E-03
9.1E-02	I	2.6E-05	I	5.0E-02	I	2.0E-01	I	V		1		1.2E+03	Dichloroethylene, 1,1-	75-35-4	2.4E+02	n	1.1E+03	n	2.1E+02	n	8.8E+02	n	2.6E+02	n	7.0E+00	9.3E-02	2.5E-03
				9.0E-03	H			V		1		1.3E+03	Dichloroethylene, 1,2- (Mixed Isomers)	540-59-0	7.0E+02	n	9.2E+03	ns					1.3E+02	n		3.7E-02	
				2.0E-03	I			V		1		2.4E+03	Dichloroethylene, 1,2-cis-	156-59-2	1.6E+02	n	2.0E+03	n					2.8E+01	n	7.0E+01	8.2E-03	2.1E-02
				2.0E-02	I	6.0E-02	P	V		1		1.7E+03	Dichloroethylene, 1,2-trans-	156-60-5	1.5E+02	n	6.9E+02	n	6.3E+01	n	2.6E+02	n	8.6E+01	n	1.0E+02	2.5E-02	2.9E-02
				3.0E-03	I					1	0.1		Dichlorophenol, 2,4-	120-83-2	1.8E+02	n	1.8E+03	n					3.5E+01	n		4.1E-02	
				1.0E-02	I					1	0.05		Dichlorophenoxy Acetic Acid, 2,4-	94-75-7	6.9E+02	n	7.7E+03	n					1.3E+02	n	7.0E+01	3.5E-02	1.8E-02
				8.0E-03	I					1	0.1		Dichlorophenoxybutyric Acid, 4-(2,4-	94-82-6	4.9E+02	n	4.9E+03	n					9.1E+01	n		3.6E-02	
3.6E-02	C	1.0E-05	C	9.0E-02	A	4.0E-03	I	V		1		1.4E+03	Dichloropropane, 1,2-	78-87-5	9.4E-01	c*	4.7E+00	c*	2.4E-01	c*	1.2E+00	c*	3.8E-01	c*	5.0E+00	1.3E-04	1.7E-03
				2.0E-02	P			V		1		1.5E+03	Dichloropropane, 1,3-	142-28-9	1.6E+03	ns	2.0E+04	ns					2.9E+02	n		9.9E-02	
				3.0E-03	I					1	0.1		Dichloropropanol, 2,3-	616-23-9	1.8E+02	n	1.8E+03	n					4.7E+01	n		9.9E-03	
1.0E-01	I	4.0E-06	I	3.0E-02	I	2.0E-02	I	V		1		1.6E+03	Dichloropropene, 1,3-	542-75-6	1.7E+00	c*	8.3E+00	c*	6.1E-01	c*	3.1E+00	c*	4.1E-01	c*		1.5E-04	
2.9E-01	I	8.3E-05	C	5.0E-04	I	5.0E-04	I			1	0.1		Dichlorvos	62-73-7	1.7E+00	c*	5.9E+00	c*	2.9E-02	c*	1.5E-01	c*	2.3E-01	c*		7.0E-05	
				8.0E-03	P	7.0E-03	P	V		1		1.3E+02	Dicyclopentadiene	77-73-6	3.1E+01	n	1.3E+02	ns	7.3E+00	n	3.1E+01	n	1.2E+01	n		4.3E-02	
1.6E+01	I	4.6E-03	I	5.0E-05	I					1	0.1		Dieldrin	60-57-1	3.0E-02	c	1.1E-01	c	5.3E-04	c	2.7E-03	c	1.5E-03	c		6.1E-05	
				3.0E-04	C					1	0.1		Diesel Engine Exhaust	NA					8.1E-03	c	4.1E-02	c					
				8.0E-01	I					1	0.1		Diethanolamine	111-42-2	4.3E+06	nm	1.8E+07	nm	3.1E+00	n	1.3E+01	n			1.1E+04	n	4.7E+00
										1	0.1		Diethyl Phthalate	84-66-2	4.9E+04	n	4.9E+05	nm									
				3.0E-02	P	1.0E-04	P			1	0.1		Diethylene Glycol Monobutyl Ether	112-34-5	1.8E+03	n	1.8E+04	n	1.0E-01	n	4.4E-01	n	4.7E+02	n		1.0E-01	
				6.0E-02	P	3.0E-04	P			1	0.1		Diethylene Glycol Monoethyl Ether	111-90-0	3.6E+03	n	3.6E+04	n	3.1E-01	n	1.3E+00	n	9.4E+02	n		1.9E-01	
				1.0E-03	P					1	0.1		Diethylformamide	617-84-5	6.1E+01	n	6.2E+02	n					1.6E+01	n		3.2E-03	
3.5E+02	C	1.0E-01	C							1	0.1		Diethylstilbestrol	56-53-1	1.4E-03	c	4.9E-03	c	2.4E-05	c	1.2E-04	c	4.3E-05	c		2.4E-05	
				8.0E-02	I					1	0.1		Difenzoquat	43222-48-6	4.9E+03	n	4.9E+04	n					1.2E+03	n			
				2.0E-02	I					1	0.1		Diflubenzuron	35367-38-5	1.2E+03	n	1.2E+04	n					2.2E+02	n		2.5E-01	
4.4E-02	C	1.3E-05	C			4.0E+01	I	V		1		1.4E+03	Difluoroethane, 1,1-	75-37-6	5.2E+04	ns	2.2E+05	nms	4.2E+04	n	1.8E+05	n	8.3E+04	n		2.8E+01	
										1	0.1		Dihydrosofrole	94-58-6	1.1E+01	c	3.9E+01	c	1.9E-01	c	9.4E-01	c	1.5E+00	c		1.9E-03	
				7.0E-01	P	V				1		2.3E+03	Diisopropyl Ether	108-20-3	2.4E+03	ns	1.0E+04	ns	7.3E+02	n	3.1E+03	n	1.5E+03	n		3.7E-01	
				8.0E-02	I			V		1		5.3E+02	Diisopropyl Methylphosphonate	1445-75-6	6.3E+03	ns	8.2E+04	ns					1.2E+03	n		3.5E-01	
				2.0E-02	I					1	0.1		Dimethipin	55290-64-7	1.2E+03	n	1.2E+04	n					3.1E+02	n		6.9E-02	
				2.0E-04	I					1	0.1		Dimethoate	60-51-5	1.2E+01	n	1.2E+02	n					3.1E+00	n		7.0E-04	
1.4E-02	H									1	0.1		Dimethoxybenzidine, 3,3'-	119-90-4	3.5E+01	c	1.2E+02	c					4.7E+00	c		5.7E-03	
1.7E-03	P			6.0E-02	P					1	0.1		Dimethyl methylphosphonate	756-79-6	2.9E+												

Regional Screening Level (RSL) Summary Table November 2011

Toxicity and Chemical-specific Information													Contaminant										Screening Levels				Protection of Ground	
SFO (mg/kg-day) ⁻³	k e y	IUR (ug/m ³) ⁻¹	k e y	RFD _a (mg/kg-day)	k e y	RI-C _i (mg/m ³)	k e y	v o l a t i l e	muta- gen	GIABS	ABS	C _{sat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	k e y	Industrial Soil (mg/kg)	k e y	Resident Air (ug/m ³)	k e y	Industrial Air (ug/m ³)	k e y	Tapwater (ug/L)	k e y	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)	
				1.0E-04	P							1 0.1	Dinitrobenzene, 1,2-	528-29-0	6.1E+00	n	6.2E+01	n					1.5E+00	n		1.4E-03		
				1.0E-04	I							1 0.1	Dinitrobenzene, 1,3-	99-65-0	6.1E+00	n	6.2E+01	n					1.5E+00	n		1.4E-03		
				1.0E-04	P							1 0.1	Dinitrobenzene, 1,4-	100-25-4	6.1E+00	n	6.2E+01	n					1.5E+00	n		1.4E-03		
				2.0E-03	I							1 0.1	Dinitrophenol, 2,4-	51-28-5	1.2E+02	n	1.2E+03	n					3.0E+01	n		3.4E-02		
6.8E-01	I											1 0.1	Dinitrotoluene Mixture, 2,4/2,6-	25321-14-6	7.2E-01	c	2.5E+00	c					9.2E-02	c		1.3E-04		
3.1E-01	C	8.9E-05	C	2.0E-03	I							1 0.102	Dinitrotoluene, 2,4-	121-14-2	1.6E+00	c*	5.5E+00	c	2.7E-02	c	1.4E-01	c	2.0E-01	c		2.8E-04		
				1.0E-03	P							1 0.099	Dinitrotoluene, 2,6-	606-20-2	6.1E+01	n	6.2E+02	n					1.5E+01	n		2.0E-02		
				2.0E-03	S							1 0.006	Dinitrotoluene, 2-Amino-4,6-	35572-78-2	1.5E+02	n	2.0E+03	n					3.0E+01	n		2.3E-02		
				2.0E-03	S							1 0.009	Dinitrotoluene, 4-Amino-2,6-	19406-51-0	1.5E+02	n	1.9E+03	n					3.0E+01	n		2.3E-02		
				1.0E-03	I							1 0.1	Dinoseb	88-85-7	6.1E+01	n	6.2E+02	n					1.1E+01	n	7.0E+00	9.8E-02	6.2E-02	
1.0E-01	I	7.7E-06	C	3.0E-02	I	3.0E+00	C					1 0.1	Dioxane, 1,4-	123-91-1	4.9E+00	c	1.7E+01	c	3.2E-01	c	1.6E+00	c	6.7E-01	c		1.4E-04		
6.2E+03	I	1.3E+00	I									1 0.03	Dioxins ~Hexachlorodibenzo-p-dioxin, Mixture	NA	9.4E-05	c	3.9E-04	c	1.9E-06	c	9.4E-06	c	1.1E-05	c		1.5E-05		
1.3E+05	C	3.8E+01	C	1.0E-09	A	4.0E-08	C					1 0.03	~TCDD, 2,3,7,8-	1746-01-6	4.5E-06	c*	1.8E-05	c*	6.4E-08	c	3.2E-07	c	5.2E-07	c*	3.0E-05	2.6E-07	1.5E-05	
				3.0E-02	I							1 0.1	Diphenamid	957-51-7	1.8E+03	n	1.8E+04	n					4.7E+02	n		4.6E+00		
				8.0E-04	X							1 0.1	Diphenyl Sulfone	127-63-9	4.9E+01	n	4.9E+02	n					1.1E+01	n		2.8E-02		
				2.5E-02	I							1 0.1	Diphenylamine	122-39-4	1.5E+03	n	1.5E+04	n					2.4E+02	n		4.4E-01		
8.0E-01	I	2.2E-04	I									1 0.1	Diphenylhydrazine, 1,2-	122-66-7	6.1E-01	c	2.2E+00	c	1.1E-02	c	5.6E-02	c	6.7E-02	c		2.2E-04		
				2.2E-03	I							1 0.1	Diquat	85-00-7	1.3E+02	n	1.4E+03	n					3.4E+01	n	2.0E+01	6.5E-01	3.7E-01	
7.4E+00	C	2.1E-03	C									1 0.1	Direct Black 38	1937-37-7	6.6E-02	c	2.3E-01	c	1.2E-03	c	5.8E-03	c	9.1E-03	c		4.4E+00		
7.4E+00	C	2.1E-03	C									1 0.1	Direct Blue 6	2602-46-2	6.6E-02	c	2.3E-01	c	1.2E-03	c	5.8E-03	c	9.1E-03	c		1.4E+01		
6.7E+00	C	1.9E-03	C									1 0.1	Direct Brown 95	16071-86-6	7.3E-02	c	2.6E-01	c	1.3E-03	c	6.5E-03	c	1.0E-02	c				
				4.0E-05	I							1 0.1	Disulfoton	298-04-4	2.4E+00	n	2.5E+01	n					3.8E-01	n		7.1E-04		
				1.0E-02	I							1 0.1	Dithiane, 1,4-	505-29-3	6.1E+02	n	6.2E+03	n					1.5E+02	n		7.6E-02		
				2.0E-03	I							1 0.1	Diuron	330-54-1	1.2E+02	n	1.2E+03	n					2.8E+01	n		1.2E-02		
				4.0E-03	I							1 0.1	Dodine	2439-10-3	2.4E+02	n	2.5E+03	n					6.2E+01	n		3.2E-01		
				2.5E-02	I				V			4.1E+02	EPTC	759-94-4	2.0E+03	ns	2.6E+04	ns					2.9E+02	n		1.5E-01		
				6.0E-03	I							1 0.1	Endosulfan	115-29-7	3.7E+02	n	3.7E+03	n					7.8E+01	n		1.1E+00		
				2.0E-02	I							1 0.1	Endothall	145-73-3	1.2E+03	n	1.2E+04	n					3.0E+02	n	1.0E+02	7.1E-02	2.4E-02	
				3.0E-04	I							1 0.1	Endrin	72-20-8	1.8E+01	n	1.8E+02	n					1.7E+00	n	2.0E+00	6.8E-02	8.1E-02	
9.9E-03	I	1.2E-06	I	6.0E-03	P	1.0E-03	I	V				1 1.1E+04	Epichlorohydrin	106-89-8	2.0E+01	n	8.8E+01	n	1.0E+00	n	4.4E+00	n	2.0E+00	n		4.5E-04		
				2.0E-02	I	V						1 1.5E+04	Epoxybutane, 1,2-	106-88-7	1.7E+02	n	7.2E+02	n	2.1E+01	n	8.8E+01	n	4.2E+01	n		9.2E-03		
				5.0E-03	I							1 0.1	Ethephon	16672-87-0	3.1E+02	n	3.1E+03	n					7.8E+01	n		1.6E-02		
				5.0E-04	I							1 0.1	Ethion	563-12-2	3.1E+01	n	3.1E+02	n					3.2E+00	n		6.3E-03		
				1.0E-01	P	6.0E-02	P					1 0.1	Ethoxyethanol Acetate, 2-	111-15-9	6.1E+03	n	6.2E+04	n	6.3E+01	n	2.6E+02	n	1.5E+03	n		3.2E-01		
				4.0E-01	H	2.0E-01	I					1 0.1	Ethoxyethanol, 2-	110-80-5	2.4E+04	n	2.5E+05	nm	2.1E+02	n	8.8E+02	n	6.2E+03	n		1.3E+00		
				9.0E-01	I		V					1 1.1E+04	Ethyl Acetate	141-78-6	7.0E+04	ns	9.2E+05	nms					1.4E+04	n		2.9E+00		
4.8E-02	H						V					2.5E+03	Ethyl Acrylate	140-88-5	1.3E+01	c	6.0E+01	c					1.4E+00	c		3.0E-04		
							I	V				2.1E+03	Ethyl Chloride	75-00-3	1.5E+04	ns	6.1E+04	ns	1.0E+04	n	4.4E+04	n	2.1E+04	n		5.9E+00		
				2.0E-01	I		V					1 1.0E+04	Ethyl Ether	60-29-7	1.6E+04	ns	2.0E+05	nms					3.1E+03	n		6.8E-01		
				9.0E-02	H	3.0E-01	P	V				1 1.1E+03	Ethyl Methacrylate	97-63-2	1.5E+03	ns	7.5E+03	ns	3.1E+02	n	1.3E+03	n	4.2E+02	n		9.9E-02		
				1.0E-05	I							1 0.1	Ethyl-p-nitrophenyl Phosphonate	2104-64-5	6.1E-01	ns	6.2E+00	n					6.6E-02	n		2.1E-03		
1.1E-02	C	2.5E-06	C	1.0E-01	I	1.0E+00	I	V				1 4.8E+02	Ethylbenzene	100-41-4	5.4E+00	c	2.7E+01	c	9.7E-01	c	4.9E+00	c	1.3E+00	c	7.0E+02	1.5E-03	7.8E-01	
				3.0E-02	P							1 0.1	Ethylene Cyanohydrin	109-78-4	1.8E+03	n	1.8E+04	n					4.7E+02	n		9.5E-02		
				9.0E-02	P							1 0.1	Ethylene Diamine	107-15-3	5.5E+03	n	5.5E+04	n					1.4E+03	n		3.2E-01		
				2.0E+00	I	4.0E-01	C					1 0.1	Ethylene Glycol	107-21-1	1.2E+05	nm	1.2E+06	nm	4.2E+02	n	1.8E+03	n	3.1E+04	n		6.3E+00		
3.1E-01	C	8.8E-05	C	1.0E-01	I	1.6E+00	I					1 0.1	Ethylene Glycol Monobutyl Ether	111-76-2	6.1E+03	n	6.2E+04	n	1.7E+03	n	7.0E+03	n	1.5E+03	n		3.2E-01		
4.5E-02	C	1.3E-05	C	8.0E-05	I	3.0E-02	C	V				1 0.1	Ethylene Oxide	75-21-8	1.7E-01	c	8.3E-01	c	2.8E-02	c	1.4E-01	c	4.4E-02	c		9.1E-06		
												1 0.1	Ethylene Thiourea	96-45-7	4.9E+00	n	3.8E+01	c**	1.9E-01	c	9.4E-01	c	1.2E+00	n		2.8E-04		
6.5E+01	C	1.9E-02	C									1 0.1	Ethyleneimine	151-56-4	7.5E-03	c	2.7E-02	c	1.3E-04	c	6.5E-04	c	1.0E-03	c		2.2E-07		
				3.0E+00	I							1 0.1	Ethylphthalyl Ethyl Glycolate	84-72-0	1.8E+05	nm	1.8E+06	nm					4.5E+04	n		1.0E+02		
				8.0E-03	I							1 0.1	Express	101200-48-0	4.9E+02	n	4.9E+03	n					1.3E+02	n		4.9E-02		
				2.5E-04	I							1 0.1	Fenamiphos	22724-92-6	1.5E+01	n	1.5E+02	n										

Regional Screening Level (RSL) Summary Table November 2011

Toxicity and Chemical-specific Information													Contaminant		Screening Levels								Protection of Ground				
SFO (mg/kg-day) ⁻³	key	IUR (ug/m ³) ⁻¹	key	RfD _a (mg/kg-day)	key	RfC _i (mg/m ³) ⁻¹	key	Vo (mg/kg-day)	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)	MCL-based SSL (mg/kg)
				9.0E-01 3.0E+00	P I	3.0E-04	X			1 1	0.1 0.1		Formic Acid Fosetyl-AL	64-18-6 39148-24-8	4.9E+04 1.8E+05	n nm	4.2E+05 1.8E+06	nm nm	3.1E-01	n	1.3E+00	n	1.4E+04 4.7E+04	n n		2.8E+00	
				1.0E-03 1.0E-03	X I		V			1 1		1.7E+02 6.2E+03	~Dibenzofuran ~Furan	132-64-9 110-00-9	7.8E+01 7.8E+01	n n	1.0E+03 1.0E+03	ns n					5.8E+00 1.5E+01	n n		1.1E-01 5.7E-03	
3.8E+00	H			3.0E-03	I	5.0E-02	H			1 1	0.1 0.1		Furazolidone Furfural Furium	67-45-8 98-01-1 531-82-8	1.3E-01 1.8E+02 3.2E-01	c n c	4.5E-01 1.8E+03 1.1E+00	c n c	5.2E+01 2.2E+02 5.7E-03	n n c	2.2E+02 2.9E-02	n c	1.8E-02 4.6E+01 4.4E-02	n n c		3.4E-05 9.9E-03 5.9E-05	
3.0E-02	I	8.6E-06	C	4.0E-04	I					1 1	0.1 0.1		Furmecyclox Glufosinate, Ammonium Glutaraldehyde	60568-05-0 77182-82-2 111-30-8	1.6E+01 2.4E+01 1.1E+05	c n nm	5.7E+01 2.5E+02 4.8E+05	c n nm	2.8E-01	c	1.4E+00	n	9.6E-01 6.3E+00	c n		1.0E-03 1.4E-03	
				4.0E-04 1.0E-01 3.0E-03	I I I	1.0E-03	H			1 1 1	0.1 0.1 0.1		Glycidyl Glyphosate Goal	765-34-4 1071-83-6 42874-03-3	2.4E+01 6.1E+03 1.8E+02	n n n	2.5E+02 6.2E+04 1.8E+03	n n n	1.0E+00	n	4.4E+00	n	6.3E+00 1.6E+03 2.4E+01	n n n	7.0E+02	1.3E-03 3.2E-01 1.9E+00	1.4E-01
				3.0E-03 5.0E-05 1.3E-02	I I I	1.0E-02	A			1 1 1	0.1 0.1 0.1		Guthion Haloxypol, Methyl Harmony	86-50-0 69806-40-2 79277-27-3	1.8E+02 3.1E+00 7.9E+02	n n n	1.8E+03 3.1E+01 8.0E+03	n n n	1.0E+01	n	4.4E+01	n	4.3E+01 5.8E-01 2.0E+02	n n n		1.3E-02 6.4E-03 6.1E-02	
4.5E+00 9.1E+00	I I	1.3E-03 2.6E-03	I I	5.0E-04 1.3E-05 2.0E-03	I I I					1 1 1	0.1 0.1 0.1		Heptachlor Heptachlor Epoxide Hexabromobenzene	76-44-8 1024-57-3 87-82-1	1.1E-01 5.3E-02 1.2E+02	n c* n	3.8E-01 1.9E-01 1.2E+03	c* c* n	1.9E-03 9.4E-04	c c	9.4E-03 4.7E-03	c c	1.8E-03 3.3E-03 3.1E+01	c c* n	4.0E-01 2.0E-01	1.4E-04 6.8E-05 1.8E-01	3.3E-02 4.1E-03
1.6E+00 7.8E-02	I I	4.6E-04 2.2E-05	I I	2.0E-04 8.0E-04 1.0E-03	I I P					1 1 1	0.1 0.1 0.1		Hexabromodiphenyl ether, 2,2',4,4',5,5'-(BDE-153) Hexachlorobenzene Hexachlorobutadiene	68631-49-2 118-74-1 87-68-3	1.2E+01 3.0E-01 6.2E+00	n c c**	1.2E+02 1.1E+00 2.2E+01	n c c*	5.3E-03 2.7E-02 1.1E-01	c c	2.7E-02 5.6E-01	c c	3.1E+00 4.2E-02 2.6E-01	c c c*	1.0E+00	5.3E-04 5.0E-04	1.3E-02
6.3E+00 1.8E+00 1.1E+00	I I C	1.8E-03 5.3E-04 3.1E-04	I I C	8.0E-03 3.0E-04	I I I					1 1 1	0.1 0.1 0.04		Hexachlorocyclohexane, Alpha- Hexachlorocyclohexane, Beta- Hexachlorocyclohexane, Gamma- (Lindane)	319-84-6 319-85-7 58-89-9	7.7E-02 2.7E-01 5.2E-01	c c c*	2.7E-01 9.6E-01 2.1E+00	c c c	1.4E-03 4.6E-03 7.8E-03	c c c	6.8E-03 2.3E-02 4.0E-02	c c c	6.2E-03 2.2E-02 3.6E-02	c c c*	2.0E-01	3.6E-05 1.3E-04 2.1E-04	1.2E-03
1.8E+00	I	5.1E-04	I	6.0E-03	I	2.0E-04	I			1	0.1		Hexachlorocyclohexane, Technical Hexachlorocyclopentadiene Hexachloroethane	608-73-1 77-47-4 67-72-1	2.7E-01 3.7E+02 1.2E+01	c n c**	9.6E-01 3.7E+03 4.3E+01	c n c*	4.8E-03 2.1E-01 2.2E-01	c n c	2.4E-02 8.8E-01 1.1E+00	c n n	2.2E-02 2.2E+01 7.9E-01	c n c**	5.0E+01	1.3E-04 7.0E-02 4.8E-04	1.6E-01
1.1E-01	I			3.0E-04 3.0E-03	I I					1 1	0.1 0.015	5.2E+03	Hexachlorophene Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX) Hexamethylene Diisocyanate, 1,6-	70-30-4 121-82-4 822-06-0	1.8E+01 5.6E+00 3.4E+00	n c* n	1.8E+02 2.4E+01 1.4E+01	n c n	1.0E-02	n	4.4E-02	n	4.7E+00 6.1E-01 2.1E-02	n c* n		6.3E+00 2.3E-04 2.1E-04	
				6.0E-02 2.0E+00 5.0E-03	H P I	7.0E-01	I V			1 1 1		1.4E+02	Hexane, N- Hexanedioic Acid Hexanone, 2-	110-54-3 124-04-9 591-78-6	5.7E+02 1.2E+05 2.1E+02	ns nm n	2.6E+03 1.2E+06 1.4E+03	ns nm n	7.3E+02	n	3.1E+03	n	2.5E+02 3.1E+04 3.4E+01	n n n		1.8E+00 7.7E+00 7.9E-03	
3.0E+00 3.0E+00	I I	4.9E-03 4.9E-03	I I	3.3E-02	I	3.0E-05	P			1 1	0.1		Hexazinone Hydrazine Hydrazine Sulfate	51235-04-2 302-01-2 10034-93-2	2.0E+03 2.1E-01 2.1E-01	n c c	2.0E+04 9.5E-01 9.5E-01	n n n	5.0E-04	c*	2.5E-03	c*	2.2E-02 2.2E-02	c c		2.3E-01	
				4.0E-02	C	1.4E-02	C			1			Hydrogen Chloride Hydrogen Fluoride Hydrogen Sulfide	7647-01-0 7664-39-3 7783-06-4	2.8E+07 3.1E+03 2.8E+06	nm n nm	1.2E+08 4.1E+04 1.2E+07	nm n nm	2.1E+01	n	8.8E+01	n	6.1E+01 6.2E+02	n n			
6.0E-02	P			4.0E-02 1.3E-02 2.5E-01	P I I					1 1 1	0.1 0.1 0.1		Hydroquinone Imazalil Imazaquin	123-31-9 35554-44-0 81335-37-7	8.1E+00 7.9E+02 1.5E+04	c n n	2.9E+01 8.0E+03 1.5E+05	c nm nm					1.1E+00 1.4E+02 3.8E+03	c n n		7.5E-04 2.5E+00 1.9E+01	
				1.0E-02 4.0E-02 7.0E-01	A I P					1 1 1			Iodine Iprodione Iron	7553-56-2 36734-19-7 7439-89-6	7.8E+02 2.4E+03 5.5E+04	n n n	1.0E+04 2.5E+04 7.2E+05	n n nm					1.6E+02 5.7E+02 1.1E+04	n n n		9.4E+00 1.7E-01 2.7E+02	
9.5E-04	I			3.0E-01 2.0E-01 1.5E-02	I I I		V C			1 1 1		1.0E+04	Isobutyl Alcohol Isophorone Isopropalin	78-83-1 78-59-1 33820-53-0	2.3E+04 5.1E+02 9.2E+02	ns c* n	3.1E+05 1.8E+03 9.2E+03	nms c* nm	2.1E+03	n	8.8E+03	n	4.6E+03 6.7E+01 2.3E+02	n c* n		9.5E-01 2.2E-02 5.4E+00	
				1.0E-01 5.0E-02	I I	7.0E+00	C			1 1	0.1 0.1		Isopropanol Isopropyl Methyl Phosphonic Acid Isoxaben	67-63-0 1832-54-8 82558-50-7	9.9E+09 6.1E+03 3.1E+03	nm n n	4.2E+10 6.2E+04 3.1E+04	nm n n	7.3E+03	n	3.1E+04	n	1.6E+03 5.6E+02	n n		3.4E-01 1.5E+00	
				7.5E-02 2.0E-03	I I	3.0E-01	A V			1 1	0.1 0.1		JP-7 Kerb Lactofen	NA 23950-58-5 77501-63-4	4.3E+08 4.6E+03 1.2E+02	nm n n	1.8E+09 4.6E+04 1.2E+03	nm n n	3.1E+02	n	1.3E+03	n	6.3E+02 9.0E+02 1.9E+01	n n n		9.1E-01 8.7E-01	
2.8E-01	C	8.0E-05	C							1	0.1		Lead Compounds ~Lead acetate ~Lead and Compounds	301-04-2 7439-92-1	1.7E+00 4.0E+02	c n	6.2E+00 8.0E+02	c n	3.0E-02	c	1.5E-01	c	2.4E-01	c	1.5E+01		1.4E+01
3.8E-02	C	1.1E-05	C	1.0E-07 2.0E-03	I I					1 1	0.1 0.1		~Lead subacetate ~Tetraethyl Lead Linuron	1335-32-6 78-00-2 330-55-2	1.3E+01 6.1E-03 1.2E+02	c n n	4.5E+01 6.2E-02 1.2E+03	c n n	2.2E-01	c	1.1E+00	c	1.8E+00 9.9E-04 2.6E+01	c n n		3.5E-06 9.9E-04 2.3E-02	
				2.0E-03 2.0E-01 5.0E-04	P I I					1 1 1	0.1 0.1 0.1		Lithium Londax MCPA	7439-93-2 83055-99-6 94-74-6	1.6E+02 1.2E+04 3.1E+01	n n n	2.0E+03 1.2E+05 3.1E+02	n nm n					3.1E+01 3.1E+03 5.7E+00	n n n		9.3E+00 7.9E-01 1.5E-03	

Regional Screening Level (RSL) Summary Table November 2011

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; O = EPA Office of Water; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; F = See FAQ; 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					
SFO (mg/kg-day) ⁻³	k _e	IUR (ug/m ³) ⁻²	k _e	RfD _a (mg/kg-day)	k _e	RfC _i (mg/m ³)	k _e	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)	MCL-based SSL (mg/kg)
1.0E-02	I										1	0.1	MCPB	94-81-5	6.1E+02	n	6.2E+03	n					1.6E+02	n		6.2E-02	
1.0E-03	I										1	0.1	MCPB	93-65-2	6.1E+01	n	6.2E+02	n					1.2E+01	n		3.5E-03	
2.0E-02	I										1	0.1	Malathion	121-75-5	1.2E+03	n	1.2E+04	n					3.0E+02	n		7.9E-02	
1.0E-01	I			7.0E-04	C						1	0.1	Maleic Anhydride	108-31-6	6.1E+03	n	6.1E+04	n	7.3E-01	n	3.1E+00	n	1.5E+03	n		3.0E-01	
5.0E-01	I										1	0.1	Maleic Hydrazide	123-33-1	3.1E+04	n	3.1E+05	nm					7.8E+03	n		1.6E+00	
1.0E-04	P										1	0.1	Malononitrile	109-77-3	6.1E+00	n	6.2E+01	n					1.6E+00	n		3.2E-04	
3.0E-02	H										1	0.1	Mancozeb	8018-01-7	1.8E+03	n	1.8E+04	n					4.7E+02	n		6.6E-01	
5.0E-03	I										1	0.1	Maneb	12427-38-2	3.1E+02	n	3.1E+03	n					7.8E+01	n		1.1E-01	
1.4E-01	I			5.0E-05	I						1		Manganese (Diet)	7439-96-5													
2.4E-02	S			5.0E-05	I					0.04			Manganese (Non-diet)	7439-96-5	1.8E+03	n	2.3E+04	n	5.2E-02	n	2.2E-01	n	3.2E+02	n		2.1E+01	
9.0E-05	H										1	0.1	Mephofolan	950-10-7	5.5E+00	n	5.5E+01	n					1.4E+00	n		2.1E-03	
3.0E-02	I										1	0.1	Mepiquat Chloride	24307-26-4	1.8E+03	n	1.8E+04	n					4.7E+02	n		1.6E-01	
3.0E-04	I			3.0E-05	C					0.07		3.1E+00	Mercury Compounds														
				3.0E-04	I	V				1			~Mercuric Chloride (and other Mercury salts)	7487-94-7	2.3E+01	n	3.1E+02	n	3.1E-02	n	1.3E-01	n	4.3E+00	n	2.0E+00	3.3E-02	1.0E-01
													~Mercury (elemental)	7439-97-6	1.0E+01	ns	4.3E+01	ns	3.1E-01	n	1.3E+00	n	6.3E-01	n	2.0E+00		
1.0E-04	I										1		~Methyl Mercury	22967-92-6	7.8E+00	n	1.0E+02	n					1.6E+00	n			
8.0E-05	I										1	0.1	~Phenylmercuric Acetate	62-38-4	4.9E+00	n	4.9E+01	n					1.2E+00	n		3.9E-04	
3.0E-05	I										1	0.1	Merphos	150-50-5	1.8E+00	n	1.8E+01	n					4.7E-01	n		4.6E-02	
3.0E-05	I										1	0.1	Merphos Oxide	78-48-8	1.8E+00	n	1.8E+01	n					6.1E-02	n		3.0E-04	
6.0E-02	I										1	0.1	Metalaxyl	57837-19-1	3.7E+03	n	3.7E+04	n					9.2E+02	n		2.5E-01	
1.0E-04	I			7.0E-04	H	V					1	4.6E+03	Methacrylonitrile	126-98-7	3.2E+00	n	1.8E+01	n	7.3E-01	n	3.1E+00	n	7.5E-01	n		1.7E-04	
5.0E-05	I										1	0.1	Methamidophos	10265-92-6	3.1E+00	n	3.1E+01	n					7.8E-01	n		1.6E-04	
5.0E-01	I			4.0E+00	C						1	0.1	Methanol	67-56-1	3.1E+04	n	3.1E+05	nm	4.2E+03	n	1.8E+04	n	7.8E+03	n		1.6E+00	
1.0E-03	I										1	0.1	Methidathion	950-37-8	6.1E+01	n	6.2E+02	n					1.5E+01	n		3.7E-03	
2.5E-02	I										1	0.1	Methomyl	16752-77-5	1.5E+03	n	1.5E+04	n					3.9E+02	n		8.5E-02	
4.9E-02	C	1.4E-05	C								1	0.1	Methoxy-5-nitroaniline, 2-	99-59-2	9.9E+00	c	3.5E+01	c	1.7E-01	c	8.8E-01	c	1.3E+00	c		4.6E-04	
				5.0E-03	I						1	0.1	Methoxychlor	72-43-5	3.1E+02	n	3.1E+03	n					2.7E+01	n	4.0E+01	1.5E+00	2.2E+00
8.0E-03	P	1.0E-03	P								1	0.1	Methoxyethanol Acetate, 2-	110-49-6	4.9E+02	n	4.9E+03	n	1.0E+00	n	4.4E+00	n	1.3E+02	n		2.6E-02	
5.0E-03	P	2.0E-02	I								1	0.1	Methoxyethanol, 2-	109-86-4	3.1E+02	n	3.1E+03	n	2.1E+01	n	8.8E+01	n	7.8E+01	n		1.6E-02	
1.0E+00	X										1	2.9E+04	Methyl Acetate	79-20-9	7.8E+04	ns	1.0E+06	nms					1.6E+04	n		3.2E+00	
3.0E-02	H										1	6.8E+03	Methyl Acrylate	96-33-3	2.3E+03	n	3.1E+04	ns					4.6E+02	n		9.8E-02	
6.0E-01	I			5.0E+00	I	V					1	2.8E+04	Methyl Ethyl Ketone (2-Butanone)	78-93-3	2.8E+04	n	2.0E+05	nms	5.2E+03	n	2.2E+04	n	4.9E+03	n		1.0E+00	
1.0E-03	X			2.0E-05	X						1	0.1	Methyl Hydrazine	60-34-4	6.1E+01	n	6.1E+02	n	2.4E-03	c**	1.2E-02	c**	1.6E+01	n		3.5E-03	
8.0E-02	H			3.0E+00	I	V					1	3.4E+03	Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	5.3E+03	ns	5.3E+04	ns	3.1E+03	n	1.3E+04	n	1.0E+03	n		2.3E-01	
				1.0E-03	C						1	0.1	Methyl Isocyanate	624-83-9	1.4E+06	nm	6.0E+06	nm	1.0E+00	n	4.4E+00	n					
1.4E+00	I			7.0E-01	I	V					1	2.4E+03	Methyl Methacrylate	80-62-6	4.8E+03	ns	2.1E+04	ns	7.3E+02	n	3.1E+03	n	1.4E+03	n		3.0E-01	
2.5E-04	I										1	0.1	Methyl Parathion	298-00-0	1.5E+01	n	1.5E+02	n					3.4E+00	n		5.7E-03	
6.0E-02	X										1	0.1	Methyl Phosphonic Acid	993-13-5	3.7E+03	n	3.7E+04	n					9.4E+02	n		1.9E-01	
6.0E-03	H			4.0E-02	H	V					1	3.8E+02	Methyl Styrene (Mixed Isomers)	25013-15-4	2.5E+02	n	1.6E+03	ns	4.2E+01	n	1.8E+02	n	3.1E+01	n		5.0E-02	
9.9E-02	C	2.8E-05	C								1	0.1	Methyl methanesulfonate	66-27-3	4.9E+00	c	1.7E+01	c	8.7E-02	c	4.4E-01	c	6.8E-01	c		1.4E-04	
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	4.3E+01	c	2.2E+02	c	9.4E+00	c	4.7E+01	c	1.2E+01	c		2.8E-03	
				2.0E-04	X						1	0.1	Methyl-1,4-benzenediamine dihydrochloride, 2-	615-45-2	1.2E+01	n	1.2E+02	n					3.1E+00	n		1.9E-03	
9.0E-03	P			2.0E-02	X						1	0.1	Methyl-5-Nitroaniline, 2-	99-55-8	5.4E+01	c*	1.9E+02	c*					7.0E+00	c*		3.9E-03	
8.3E+00	C	2.4E-03	C								1	0.1	Methyl-N-nitro-N-nitrosoguanidine, N-	70-25-7	5.9E-02	c	2.1E-01	c	1.0E-03	c	5.1E-03	c	8.1E-03	c		2.8E-06	
1.3E-01	C	3.7E-05	C								1	0.1	Methylaniline Hydrochloride, 2-	636-21-5	3.7E+00	c	1.3E+01	c	6.6E-02	c	3.3E-01	c	5.0E-01	c		2.1E-04	
1.0E-02	A										1	0.1	Methylarsonic acid	124-58-3	6.1E+02	n	6.2E+03	n					1.6E+02	n			
2.0E-04	X										1	0.1	Methylbenzene,1,4-diamine monohydrochloride, 2-	74612-12-7	1.2E+01	n	1.2E+02	n					3.1E+00	n			
2.0E-04	X										1	0.1	Methylbenzene-1,4-diamine sulfate, 2-	615-50-9	1.2E+01	n	1.2E+02	n					3.1E+00	n			
2.2E+01	C	6.3E-03	C								1	0.1	Methylcholanthrene, 3-	56-49-5	5.2E-03	c	7.8E-02	c	1.5E-04	c	1.9E-03	c	9.8E-04	c		1.9E-03	
7.5E-03	I	4.7E-07	I			6.0E-02	I	1.0E+00	A	V	1		Methylene Chloride	75-09-2	1.1E+01	c	5.3E+01	c	5.2E+00	c	2.6E+01	c	4.7E+00	c	5.0E+00	1.2E-03	1.3E-03
1.0E-01	P	4.3E-04	C			2.0E-03	P				1	0.1	Methylene-bis(2-chloroaniline), 4,4'-	101-14-4	1.2E+00	c	1.7E+01	c*	2.2E-03	c	2.9E-02	c	1.4E-01	c		1.6E-03	
4.6E-02	I	1.3E-05	C								1	0.1	Methylene-bis(N,N-dimethyl) Aniline, 4,4'-	101-61-1	1.1E+01	c	3.7E+01	c	1.9E-01	c	9.4E-01	c	6.0E-01	c		3.	

Regional Screening Level (RSL) Summary Table November 2011

Toxicity and Chemical-specific Information													Contaminant		Screening Levels										Protection of Ground		
SFO (mg/kg-day) ⁻³	key	IUR (ug/m ³) ⁻¹	key	RfD _a (mg/kg-day)	key	RfC _i (mg/m ³)	key	Vo 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)	MCL-based SSL (mg/kg)
				3.0E-02	X	1.0E-01	P	V		1			Naphtha, High Flash Aromatic (HFAN)	64724-95-6	2.3E+03	n	3.1E+04	n	1.0E+02	n	4.4E+02	n	1.4E+02	n			
1.8E+00	C	0.0E+00	C	1.0E-01	I	5.0E-05	C			1	0.1		Naphthylamine, 2-	91-59-8	2.7E+01	c	9.6E-01	c					3.3E-02	c		1.7E-04	
				5.0E-02	C	5.0E-05	C			0.04			Napropamide	15299-99-7	6.1E+03	n	6.2E+04	n					1.3E+03	n		8.3E+00	
				2.4E-04	I	5.0E-02	C	5.0E-05	C	0.04			Nickel Carbonyl	13463-39-3	3.7E+03	n	4.4E+04	n	5.2E-02	n	2.2E-01	n	6.7E+02	n			
				5.0E-02	C	1.0E-04	C			1			Nickel Oxide	1313-99-1	3.8E+03	n	4.7E+04	n	1.0E-01	n	4.4E-01	n	7.8E+02	n			
				2.6E-04	C	2.0E-02	I	9.0E-05	A	0.04			Nickel Refinery Dust	NA	3.7E+03	n	4.4E+04	n	1.0E-02	c**	5.1E-02	c**	7.6E+02	n		1.1E+02	
1.7E+00	C	4.8E-04	I	5.0E-02	C	5.0E-05	C			0.04			Nickel Soluble Salts	7440-02-0	1.5E+03	n	2.0E+04	n	9.4E-03	c*	4.7E-02	c**	3.0E+02	n		2.0E+01	
				1.6E+00	I					1			Nickel Subulfide	12035-72-2	3.8E-01	c	1.7E+00	c	5.1E-03	c*	2.6E-02	c**	3.9E-02	c			
				1.0E-01	I					1			Nitrate	14797-55-8	1.3E+05	nm	1.6E+06	nm					2.5E+04	n	1.0E+04		
				1.0E-02	X	5.0E-05	X			1	0.1		Nitroaniline, 2-	88-74-4	6.1E+02	n	6.0E+03	n	5.2E-02	n	2.2E-01	n	1.5E+02	n		6.2E-02	
2.0E-02	P			4.0E-03	P	6.0E-03	P			1	0.1		Nitroaniline, 4-	100-01-6	2.4E+01	c*	8.6E+01	c*	6.3E+00	n	2.6E+01	n	3.3E+00	c*		1.4E-03	
				4.0E-05	I	2.0E-03	I	9.0E-03	I	V	1	3.1E+03	Nitrobenzene	98-95-3	4.8E+00	c*	2.4E+01	c*	6.1E-02	c	3.1E-01	c	1.2E-01	c*		7.9E-05	
				3.0E+03	P					1	0.1		Nitrocellulose	9004-70-0	1.8E+08	nm	1.8E+09	nm					4.7E+07	n		1.0E+04	
1.3E+00	C	3.7E-04	C	7.0E-02	H					M	1	0.1	Nitrofurantoin	67-20-9	4.3E+03	n	4.3E+04	n					1.1E+03	n		4.7E-01	
				1.0E-04	P					1	0.1		Nitrofurazone	59-87-0	3.7E-01	c	1.3E+00	c	6.6E-03	c	3.3E-02	c	5.2E-02	c		4.6E-05	
1.7E-02	P			1.0E-01	I					1	0.1		Nitroglycerin	55-63-0	6.1E+00	n	6.2E+01	n					1.5E+00	n		6.6E-04	
				9.0E-06	P	2.0E-02	P	V		1		1.8E+04	Nitroguanidine	556-88-7	6.1E+03	n	6.2E+04	n					1.6E+03	n		3.8E-01	
				2.0E-02	I	V				1	4.9E+03		Nitromethane	75-52-5	4.9E+00	c*	2.5E+01	c*	2.7E-01	c*	1.4E+00	c*	5.4E-01	c*		1.2E-04	
2.7E+01	C	7.7E-03	C	3.4E-02	C					M	1	0.1	Nitropropane, 2-	79-46-9	1.3E-02	c	6.4E-02	c	9.0E-04	c	4.5E-03	c	1.8E-03	c		4.7E-07	
1.2E+02	C	3.4E-02	C							M	1	0.1	Nitroso-N-ethylurea, N-	759-73-9	4.3E-03	c	6.4E-02	c	1.2E-04	c	1.6E-03	c	7.9E-04	c		1.9E-07	
										M	1	0.1	Nitroso-N-methylurea, N-	684-93-5	9.6E-04	c	1.4E-02	c	2.8E-05	c	3.6E-04	c	1.8E-04	c		4.0E-08	
5.4E+00	I	1.6E-03	I							V	1	7.1E+03	Nitroso-di-N-butylamine, N-	924-16-3	8.7E-02	c	4.0E-01	c	1.5E-03	c	7.7E-03	c	2.4E-03	c		4.8E-06	
7.0E+00	I	2.0E-03	C								1	0.1	Nitroso-di-N-propylamine, N-	621-64-7	6.9E-02	c	2.5E-01	c	1.2E-03	c	6.1E-03	c	9.3E-03	c		7.0E-06	
2.8E+00	I	8.0E-04	C								1	0.1	Nitrosodiethanolamine, N-	1116-54-7	1.7E-01	c	6.2E-01	c	3.0E-03	c	1.5E-02	c	2.4E-02	c		4.8E-06	
1.5E+02	I	4.3E-02	I							M	1	0.1	Nitrosodiethylamine, N-	55-18-5	7.7E-04	c	1.1E-02	c	2.2E-05	c	2.9E-04	c	1.4E-04	c		5.2E-08	
5.1E+01	I	1.4E-02	I	8.0E-06	P	4.0E-05	X	M		1	0.1		Nitrosodimethylamine, N-	62-75-9	2.3E-03	c	3.4E-02	c	6.9E-05	c	8.8E-04	c	4.2E-04	c		1.0E-07	
4.9E-03	I	2.6E-06	C								1	0.1	Nitrosodiphenylamine, N-	86-30-6	9.9E+01	c	3.5E+02	c	9.4E-01	c	4.7E+00	c	1.0E+01	c		5.7E-02	
2.2E+01	I	6.3E-03	C								1	0.1	Nitrosomethylethylamine, N-	10595-95-6	2.2E-02	c	7.8E-02	c	3.9E-04	c	1.9E-03	c	3.0E-03	c		8.7E-07	
6.7E+00	C	1.9E-03	C								1	0.1	Nitrosomorpholine [N-]	59-89-2	7.3E-02	c	2.6E-01	c	1.3E-03	c	6.5E-03	c	1.0E-02	c		2.5E-06	
9.4E+00	C	2.7E-03	C								1	0.1	Nitrosopiperidine [N-]	100-75-4	5.2E-02	c	1.8E-01	c	9.0E-04	c	4.5E-03	c	7.1E-03	c		3.8E-06	
2.1E+00	I	6.1E-04	I								1	0.1	Nitrosopyrrolidine, N-	930-55-2	2.3E-01	c	8.2E-01	c	4.0E-03	c	2.0E-02	c	3.2E-02	c		1.2E-05	
				1.0E-04	X						1	0.1	Nitrotoluene, m-	99-08-1	6.1E+00	n	6.2E+01	n					1.3E+00	n		1.2E-03	
2.2E-01	P			9.0E-04	P					V	1	1.5E+03	Nitrotoluene, o-	88-72-2	2.9E+00	c*	1.3E+01	c*					2.7E-01	c*		2.5E-04	
1.6E-02	P			4.0E-03	P						1	0.1	Nitrotoluene, p-	99-99-0	3.0E+01	c**	1.1E+02	c*					3.7E+00	c*		3.4E-03	
				3.0E-04	X	2.0E-01	P	V		1	0.1		Nonane, n-	111-84-2	2.1E+01	ns	2.3E+02	ns	2.1E+02	n	8.8E+02	n	4.6E+00	n		6.6E-02	
				4.0E-02	I						1	0.1	Norflurazon	27314-13-2	2.4E+03	n	2.5E+04	n					6.0E+02	n		3.9E+00	
				7.0E-04	I						1	0.1	Nustar	85509-19-9	4.3E+01	n	4.3E+02	n					8.3E+00	n		1.4E+00	
				3.0E-03	I						1	0.1	Octabromodiphenyl Ether	32536-52-0	1.8E+02	n	1.8E+03	n					4.7E+01	n		9.3E+00	
				5.0E-02	I					1	0.006		Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetra (HMX)	2691-41-0	3.8E+03	n	4.9E+04	n					7.8E+02	n		9.9E-01	
				2.0E-03	H						1	0.1	Octamethylpyrophosphoramide	152-16-9	1.2E+02	n	1.2E+03	n					3.1E+01	n		7.5E-03	
				5.0E-02	I						1	0.1	Oryzalin	19044-88-3	3.1E+03	n	3.1E+04	n					6.2E+02	n		1.1E+00	
				5.0E-03	I						1	0.1	Oxadiazon	19666-30-9	3.1E+02	n	3.1E+03	n					3.5E+01	n		3.6E-01	
				2.5E-02	I						1	0.1	Oxamyl	23135-22-0	1.5E+03	n	1.5E+04	n					3.9E+02	n	2.0E+02	8.6E-02	4.4E-02
				1.3E-02	I						1	0.1	Paclitaxel	76738-62-0	7.9E+02	n	8.0E+03	n					1.7E+02	n		3.6E-01	
				4.5E-03	I						1	0.1	Paraquat Dichloride	1910-42-5	2.7E+02	n	2.8E+03	n					7.0E+01	n		9.7E-01	
				6.0E-03	H						1	0.1	Parathion	56-38-2	3.7E+02	n	3.7E+03	n					6.5E+01	n		3.3E-01	
				5.0E-02	H						1	0.1	Pebulate	1114-71-2	3.1E+03	n	3.1E+04	n					4.2E+02	n		3.3E-01	
				4.0E-02	I						1	0.1	Pendimethalin	40487-42-1	2.4E+03	n	2.5E+04	n					1.3E+02	n		1.5E+00	
				2.0E-03	I						1	0.1	Pentabromodiphenyl Ether	32534-81-9	1.2E+02	n	1.2E+03	n					3.1E+01	n		1.4E+00	
				1.0E-04	I						1	0.1	Pentabromodiphenyl ether, 2,2',4,4',5,5'- (BDE-99)	60348-60-9	6.1E+00	n	6.2E+01	n					1.6E+00	n		6.8E-02	
				8.0E-04	I						1	0.1	Pentachlorobenzene	608-93-5	4.9E+01	n	4.9E+02	n					2.3E+00	n		1.7E-02	
				2.5E-02	I						1	0.1	Pentachloroethane	76-01-7	5.4E+00	c	1.9E+01	c</									

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Toxicity and Chemical-specific Information													Contaminant										Screening Levels										Protection of Ground	
SFO	key	IUR	key	RfD _a	key	RfC _i	key	muta-	GIABS	ABS	C _{sat}	Analyte	CAS No.	Resident Soil	key	Industrial Soil	key	Resident Air	key	Industrial Air	key	Tapwater	key	MCL	Risk-based SSL	MCL-based SSL								
(mg/kg-day) ⁻³		(ug/m ³) ⁻²		(mg/kg-day)		(mg/m ³)		gen			(mg/kg)			(mg/kg)		(mg/kg)		(ug/m ³)		(ug/m ³)		(ug/L)		(ug/L)	(mg/kg)	(mg/kg)								
				2.5E-01	I	3.0E-01	I	2.0E-01	C	1	0.1	Phenmedipham	13684-63-4	1.5E+04	n	1.5E+05	nm					3.0E+03	n		1.6E+01									
				3.0E-01	I	2.0E-01	C			1	0.1	Phenol	108-95-2	1.8E+04	n	1.8E+05	nm	2.1E+02	n	8.8E+02	n	4.5E+03	n		2.6E+00									
4.7E-02	H			5.0E-04	X					1	0.1	Phenothiazine	92-84-2	3.1E+01	n	3.1E+02	n					3.2E+00	n		1.0E-02									
				6.0E-03	I					1	0.1	Phenylenediamine, m-	108-45-2	3.7E+02	n	3.7E+03	n					9.4E+01	n		2.5E-02									
										1	0.1	Phenylenediamine, o-	95-54-5	1.0E+01	c	3.7E+01	c					1.4E+00	c		3.8E-04									
1.9E-03	H			1.9E-01	H					1	0.1	Phenylenediamine, p-	106-50-3	1.2E+04	n	1.2E+05	nm					3.0E+03	n		7.9E-01									
				2.0E-04	H					1	0.1	Phenylphenol, 2-	90-43-7	2.5E+02	c	8.9E+02	c					2.6E+01	c		3.5E-01									
						3.0E-04	I	V		1	0.1	Phorate	298-02-2	1.2E+01	n	1.2E+02	n					2.3E+00	n		2.6E-03									
				2.0E-02	I					1	0.1	Phosgene	75-44-5	3.3E-01	n	1.4E+00	n	3.1E-01	n	1.3E+00	n													
										1	0.1	Phosmet	732-11-6	1.2E+03	n	1.2E+04	n					2.9E+02	n		6.4E-02									
												Phosphates, Inorganic																						
				4.9E+01	P					1		~Aluminum metaphosphate	13776-88-0	3.8E+06	nm	5.0E+07	nm					7.6E+05	n											
				4.9E+01	P					1		~Ammonium polyphosphate	68333-79-9	3.8E+06	nm	5.0E+07	nm					7.6E+05	n											
				4.9E+01	P					1		~Calcium pyrophosphate	7790-76-3	3.8E+06	nm	5.0E+07	nm					7.6E+05	n											
				4.9E+01	P					1		~Diammonium phosphate	7783-28-0	3.8E+06	nm	5.0E+07	nm					7.6E+05	n											
				4.9E+01	P					1		~Dicalcium phosphate	7757-93-9	3.8E+06	nm	5.0E+07	nm					7.6E+05	n											
				4.9E+01	P					1		~Dimagnesium phosphate	7782-75-4	3.8E+06	nm	5.0E+07	nm					7.6E+05	n											
				4.9E+01	P					1		~Dipotassium phosphate	7758-11-4	3.8E+06	nm	5.0E+07	nm					7.6E+05	n											
				4.9E+01	P					1		~Disodium phosphate	7558-79-4	3.8E+06	nm	5.0E+07	nm					7.6E+05	n											
				4.9E+01	P					1		~Monoaluminum phosphate	13530-50-2	3.8E+06	nm	5.0E+07	nm					7.6E+05	n											
				4.9E+01	P					1		~Monoammonium phosphate	7722-76-1	3.8E+06	nm	5.0E+07	nm					7.6E+05	n											
				4.9E+01	P					1		~Monocalcium phosphate	7758-23-8	3.8E+06	nm	5.0E+07	nm					7.6E+05	n											
				4.9E+01	P					1		~Monomagnesium phosphate	7757-86-0	3.8E+06	nm	5.0E+07	nm					7.6E+05	n											
				4.9E+01	P					1		~Monopotassium phosphate	7778-77-0	3.8E+06	nm	5.0E+07	nm					7.6E+05	n											
				4.9E+01	P					1		~Monosodium phosphate	7558-80-7	3.8E+06	nm	5.0E+07	nm					7.6E+05	n											
				4.9E+01	P					1		~Polyphosphoric acid	8017-16-1	3.8E+06	nm	5.0E+07	nm					7.6E+05	n											
				4.9E+01	P					1		~Potassium triphosphate	13845-36-8	3.8E+06	nm	5.0E+07	nm					7.6E+05	n											
				4.9E+01	P					1		~Sodium acid pyrophosphate	7758-16-9	3.8E+06	nm	5.0E+07	nm					7.6E+05	n											
				4.9E+01	P					1		~Sodium aluminum phosphate (acidic)	7785-88-8	3.8E+06	nm	5.0E+07	nm					7.6E+05	n											
				4.9E+01	P					1		~Sodium aluminum phosphate (anhydrous)	10279-59-1	3.8E+06	nm	5.0E+07	nm					7.6E+05	n											
				4.9E+01	P					1		~Sodium aluminum phosphate (tetrahydrate)	10305-76-7	3.8E+06	nm	5.0E+07	nm					7.6E+05	n											
				4.9E+01	P					1		~Sodium hexametaphosphate	10124-56-8	3.8E+06	nm	5.0E+07	nm					7.6E+05	n											
				4.9E+01	P					1		~Sodium polyphosphate	68915-31-1	3.8E+06	nm	5.0E+07	nm					7.6E+05	n											
				4.9E+01	P					1		~Sodium trimetaphosphate	7785-84-4	3.8E+06	nm	5.0E+07	nm					7.6E+05	n											
				4.9E+01	P					1		~Sodium triphosphate	7758-29-4	3.8E+06	nm	5.0E+07	nm					7.6E+05	n											
				4.9E+01	P					1		~Tetrapotassium phosphate	7320-34-5	3.8E+06	nm	5.0E+07	nm					7.6E+05	n											
				4.9E+01	P					1		~Tetrasodium pyrophosphate	7722-88-5	3.8E+06	nm	5.0E+07	nm					7.6E+05	n											
				4.9E+01	P					1		~Trialuminum sodium tetra decahydrogenaoctaothophosphate (dihydrate)	15136-87-5	3.8E+06	nm	5.0E+07	nm					7.6E+05	n											
				4.9E+01	P					1		~Tricalcium phosphate	7758-87-4	3.8E+06	nm	5.0E+07	nm					7.6E+05	n											
				4.9E+01	P					1		~Trimagnesium phosphate	7757-87-1	3.8E+06	nm	5.0E+07	nm					7.6E+05	n											
				4.9E+01	P					1		~Tripotassium phosphate	7778-53-2	3.8E+06	nm	5.0E+07	nm					7.6E+05	n											
				4.9E+01	P					1		~Trisodium phosphate	7601-54-9	3.8E+06	nm	5.0E+07	nm					7.6E+05	n											
				3.0E-04	I	3.0E-04	I			1		Phosphine	7803-51-2	2.3E+01	n	3.1E+02	n	3.1E-01	n	1.3E+00	n	4.7E+00	n											
				4.9E+01	P	1.0E-02	I			1		Phosphoric Acid	7664-38-2	3.0E+06	nm	2.7E+07	nm	1.0E+01	n	4.4E+01	n	7.6E+05	n											
				2.0E-05	I					1		Phosphorus, White	7723-14-0	1.6E+00	n	2.0E+01	n					3.1E-01	n		1.1E-03									
				1.0E+00	H					1	0.1	Phthalic Acid, P-	100-21-0	6.1E+04	n	6.2E+05	nm					1.5E+04	n		5.3E+00									
				2.0E+00	I	2.0E-02	C			1	0.1	Phthalic Anhydride	85-44-9	1.2E+05	nm	1.2E+06	nm	2.1E+01	n	8.8E+01	n	3.0E+04	n		6.6E+00									
				7.0E-02	I					1	0.1	Picloram	1918-02-1	4.3E+03	n	4.3E+04	n					1.1E+03	n	5.0E+02	2.9E-01	1.4E-01								
				1.0E-04	X					1	0.1	Picramic Acid (2-Amino-4,6-dinitrophenol)	96-91-3	6.1E+00	n	6.2E+01	n					1.5E+00	n		1.0E-03									
				1.0E-02	I					1	0.1	Pirimiphos, Methyl	29232-93-7	6.1E+02	n	6.2E+03	n					9.1E+01	n		8.7E-02									
3.0E+01	C	8.6E-03	C	7.0E-06	H					1	0.1	Polybrominated Biphenyls	59536-65-1	1.6E-02	c*	5.7E-02	c*	2.8E-04	c	1.4E-03	n	2.2E-03	c*											
7.0E-02	S	2.0E-05	S	7.0E-05	I					1	0.14	Polychlorinated Biphenyls (PCBs)																						
												~Aroclor 1016	12674-11-2	3.9E+00	n	2.1E+01	c**	1.2E-01	c	6.1E-01	c	9.6E-01	c**		9.2E-02									
2.0E+00	S	5.7E-04	S								7.6E+02	~Aroclor 1221	11104-28-2	1.4E-01	c	5.4E-01	c	4.3E-03	c	2.1E-02	c	4.3E-03	c		7.4E-05									
2.0E+00	S	5.7E-04	S								7.3E+01	~Aroclor 1232	11141-16-5	1.4E-01	c	5.4E-01	c	4.3E-03	c	2.1E-02	c	4.3E-03	c		7.4E-05									
2.0E+00	S	5.7E-04	S									~Aroclor 1242	53469-21-9	2.2E-01	c	7.4E-01	c	4.3E-03	c	2.1E-02	c	3.4E-02	c		5.3E-03									
2.0E+00	S	5.7E-04	S								0.14	~Aroclor 1248	12672-29-6	2.2E-01	c	7.4E-01	c	4.3E-03	c	2.1E-02														

Regional Screening Level (RSL) Summary Table November 2011

Toxicity and Chemical-specific Information												Contaminant		Screening Levels										Protection of Ground			
SFO (mg/kg-day) ⁻³	key	IUR (ug/m ³) ⁻²	key	RfD _a (mg/kg-day)	key	RfC _i (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)	MCL-based SSL (mg/kg)	
3.9E+00	E	1.1E-03	E	3.3E-05	E	1.3E-03	E				1	0.14	~Pentachlorobiphenyl, 2,3',4,4',5- (PCB 118)	31508-00-6	1.1E-01	c*	3.8E-01	c*	2.1E-03	c	1.1E-02	c	1.7E-02	c*		4.4E-03	
3.9E+00	E	1.1E-03	E	3.3E-05	E	1.3E-03	E				1	0.14	~Pentachlorobiphenyl, 2,3,3',4,4'- (PCB 105)	32598-14-4	1.1E-01	c*	3.8E-01	c*	2.1E-03	c	1.1E-02	c	1.7E-02	c*		4.5E-03	
3.9E+00	E	1.1E-03	E	3.3E-05	E	1.3E-03	E				1	0.14	~Pentachlorobiphenyl, 2,3,4,4',5- (PCB 114)	74472-37-0	1.1E-01	c*	3.8E-01	c*	2.1E-03	c	1.1E-02	c	1.7E-02	c*		4.5E-03	
1.3E+04	E	3.8E+00	E	1.0E-08	E	4.0E-07	E				1	0.14	~Pentachlorobiphenyl, 3,3',4,4',5- (PCB 126)	57465-28-8	3.4E-05	c*	1.1E-04	c*	6.4E-07	c	3.2E-06	c	5.2E-06	c*		1.3E-06	
2.0E+00	I	5.7E-04	I								1	0.14	~Polychlorinated Biphenyls (high risk)	1336-36-3	2.2E-01	c	7.4E-01	c	4.3E-03	c	2.1E-02	c					
4.0E-01	I	1.0E-04	I								1	0.14	~Polychlorinated Biphenyls (low risk)	1336-36-3				2.4E-02	c	1.2E-01	c	1.7E-01	c	5.0E-01	2.6E-02	7.8E-02	
7.0E-02	I	2.0E-05	I								1	0.14	~Polychlorinated Biphenyls (lowest risk)	1336-36-3				1.2E-01	c	6.1E-01	c						
1.3E+01	E	3.8E-03	E	1.0E-05	E	4.0E-04	E				1	0.14	~Tetrachlorobiphenyl, 3,3',4,4'- (PCB 77)	32598-13-3	3.4E-02	c*	1.1E-01	c*	6.4E-04	c	3.2E-03	c	5.2E-03	c*		8.1E-04	
3.9E+01	E	1.1E-02	E	3.3E-06	E	1.3E-04	E				1	0.14	~Tetrachlorobiphenyl, 3,4,4',5- (PCB 81)	70362-50-4	1.1E-02	c*	3.8E-02	c*	2.1E-04	c	1.1E-03	c	1.7E-03	c*		2.7E-04	
				6.0E-04	I						1	0.1	Polymetric Methylene Diphenyl Diisocyanate (PMDI)	9016-87-9	8.5E+05	nm	3.6E+06	nm	6.3E-01	n	2.6E+00	n					
				6.0E-02	I			V			1	0.13	Polynuclear Aromatic Hydrocarbons (PAHs)														
				3.0E-01	I			V			1	0.13	~Acenaphthene	83-32-9	3.4E+03	n	3.3E+04	n					4.0E+02	n		4.1E+00	
7.3E-01	E	1.1E-04	C								1	0.13	~Anthracene	120-12-7	1.7E+04	n	1.7E+05	nm					1.3E+03	n		4.2E+01	
1.2E+00	C	1.1E-04	C								1	0.13	~Benz[a]anthracene	56-55-3	1.5E-01	c	2.1E+00	c	8.7E-03	c	1.1E-01	c	2.9E-02	c		1.0E-02	
											1	0.13	~Benzo[j]fluoranthene	205-82-3	3.8E-01	c	1.3E+00	c	2.2E-02	c	1.1E-01	c	5.6E-02	c		6.7E-02	
7.3E+00	I	1.1E-03	C								1	0.13	~Benzo[a]pyrene	50-32-8	1.5E-02	c	2.1E-01	c	8.7E-04	c	1.1E-02	c	2.9E-03	c	2.0E-01	3.5E-03	2.4E-01
7.3E-01	E	1.1E-04	C								1	0.13	~Benzo[b]fluoranthene	205-99-2	1.5E-01	c	2.1E+00	c	8.7E-03	c	1.1E-01	c	2.9E-02	c		3.5E-02	
7.3E-02	E	1.1E-04	C								1	0.13	~Benzo[k]fluoranthene	207-08-9	1.5E+00	c	2.1E+01	c	8.7E-03	c	1.1E-01	c	2.9E-01	c		3.5E-01	
7.3E-03	E	1.1E-05	C								1	0.13	~Chrysene	218-01-9	1.5E+01	c	2.1E+02	c	8.7E-02	c	1.1E+00	c	2.9E+00	c		1.1E+00	
7.3E+00	E	1.2E-03	C								1	0.13	~Dibenz[a,h]anthracene	53-70-3	1.5E-02	c	2.1E-01	c	8.0E-04	c	1.0E-02	c	2.9E-03	c		1.1E-02	
1.2E+01	C	1.1E-03	C								1	0.13	~Dibenz[<i>a,e</i>]pyrene	192-65-4	3.8E-02	c	1.3E-01	c	2.2E-03	c	1.1E-02	c	5.6E-03	c		7.3E-02	
2.5E+02	C	7.1E-02	C								1	0.13	~Dimethylbenz(a)anthracene, 7,12-	57-97-6	4.3E-04	c	6.2E-03	c	1.4E-05	c	1.7E-04	c	8.6E-05	c		8.5E-05	
				4.0E-02	I						1	0.13	~Fluoranthene	206-44-0	2.3E+03	n	2.2E+04	n					6.3E+02	n		7.0E+01	
				4.0E-02	I			V			1	0.13	~Fluorene	86-73-7	2.3E+03	n	2.2E+04	n					2.2E+02	n		4.0E+00	
7.3E-01	E	1.1E-04	C								1	0.13	~Indeno[1,2,3-cd]pyrene	193-39-5	1.5E-01	c	2.1E+00	c	8.7E-03	c	1.1E-01	c	2.9E-02	c		1.2E-01	
2.9E-02	P			7.0E-02	A			V			1	3.9E+02	~Methylnaphthalene, 1-	90-12-0	2.2E+01	c	9.9E+01	c					9.7E-01	c		5.1E-03	
				4.0E-03	I			V			1	3.7E+02	~Methylnaphthalene, 2-	91-57-6	3.1E+02	n	4.1E+03	ns					2.7E+01	n		1.4E-01	
1.2E+00	C	1.1E-04	C								1	0.13	~Naphthalene	91-20-3	3.6E+00	c*	1.8E+01	c*	7.2E-02	c*	3.6E-01	c*	1.4E-01	c*		4.7E-04	
				3.0E-02	I			V			1	0.13	~Nitropyrene, 4-	57835-92-4	3.8E-01	c	1.3E+00	c	2.2E-02	c	1.1E-01	c	1.6E-02	c		2.8E-03	
											1	0.13	~Pyrene	129-00-0	1.7E+03	n	1.7E+04	n					8.7E+01	n		9.5E+00	
1.5E-01	I			9.0E-03	I						1	0.1	Prochloraz	67747-09-5	3.2E+00	c	1.1E+01	c					3.2E-01	c		1.6E-03	
				6.0E-03	H						1	0.1	Profluralin	26399-36-0	3.7E+02	n	3.7E+03	n					1.9E+01	n		1.2E+00	
				1.5E-02	I						1	0.1	Prometon	1610-18-0	9.2E+02	n	9.2E+03	n					1.9E+02	n		9.2E-02	
				4.0E-03	I						1	0.1	Prometryn	7287-19-6	2.4E+02	n	2.5E+03	n					4.5E+01	n		6.9E-02	
				1.3E-02	I						1	0.1	Propachlor	1918-16-7	7.9E+02	n	8.0E+03	n					1.9E+02	n		1.2E-01	
				5.0E-03	I						1	0.1	Propanil	709-98-8	3.1E+02	n	3.1E+03	n					6.3E+01	n		3.5E-02	
				2.0E-02	I						1	0.1	Propargite	2312-35-8	1.2E+03	n	1.2E+04	n					1.2E+02	n		8.8E+00	
				2.0E-03	I						1	0.1	Propargyl Alcohol	107-19-7	1.2E+02	n	1.2E+03	n					3.1E+01	n		6.4E-03	
				2.0E-02	I						1	0.1	Propazine	139-40-2	1.2E+03	n	1.2E+04	n					2.6E+02	n		2.3E-01	
				2.0E-02	I						1	0.1	Propham	122-42-9	1.2E+03	n	1.2E+04	n					2.7E+02	n		1.7E-01	
				1.3E-02	I						1	0.1	Propiconazole	60207-90-1	7.9E+02	n	8.0E+03	n					1.6E+02	n		5.3E-01	
				8.0E-03	I	V					1	3.3E+04	Propionaldehyde	123-38-6	8.0E+01	n	3.4E+02	n	8.3E+00	n	3.5E+01	n	1.7E+01	n		3.4E-03	
1.0E-01	X	1.0E+00	X	3.0E+00	C						1	0.1	Propyl benzene	103-65-1	3.4E+03	ns	2.1E+04	ns	1.0E+03	n	4.4E+03	n	5.3E+02	n		9.9E-01	
				2.0E+01	P						1	0.1	Propylene	115-07-1	4.3E+09	nm	1.8E+10	nm	3.1E+03	n	1.3E+04	n					
											1	0.1	Propylene Glycol	57-55-6	1.2E+06	nm	1.2E+07	nm					3.1E+05	n		6.3E+01	
				2.7E-04	A	V					1	1.5E+03	Propylene Glycol Dinitrate	6423-43-4	5.7E+01	n	2.4E+02	n	2.8E-01	n	1.2E+00	n	5.7E-01	n		1.8E-04	
				7.0E-01	H						1	0.1	Propylene Glycol Monoethyl Ether	1569-02-4	4.3E+04	n	4.3E+05	nm					1.1E+04	n		2.2E+00	
				7.0E-01	H	2.0E+00	I				1	0.1	Propylene Glycol Monomethyl Ether	107-98-2	4.3E+04	n	4.3E+05	nm	2.1E+03	n	8.8E+03	n	1.1E+04	n		2.2E+00	
2.4E-01	I	3.7E-06	I			3.0E-02	I	V			1	7.8E+04	Propylene Oxide	75-56-9	2.0E+00	c	9.0E+00	c	6.6E-01	c*	3.3E+00	c*	2.3E-01	c		4.8E-05	
				2.5E-01	I						1	0.1	Pursuit	81335-77-5	1.5E+04	n	1.5E+05	nm					3.9E+03	n		3.4E+00	
				2.5E-02	I						1	0.1	Pydrin	51630-58-1	1.5E+03	n	1.5E+04	n					3.9E+02	n		2.5E+02	
				1.0E-03	I			V																			

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Toxicity and Chemical-specific Information															Contaminant		Screening Levels										Protection of Ground	
SFO (mg/kg-day) ⁻³	key	IUR (ug/m ³) ⁻²	key	RFD _o	key	RI _{ci} (mg/m ³) ⁻¹	key	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)	MCL-based SSL (mg/kg)	
		5.0E-03	I							0.04			Silver	7440-22-4	3.9E+02	n	5.1E+03	n					7.1E+01	n		6.0E-01		
1.2E-01	H	5.0E-03	I								1	0.1	Simazine	122-34-9	4.1E+00	c*	1.4E+01	c					5.2E-01	c	4.0E+00	2.6E-04	2.0E-03	
		1.3E-02	I								1	0.1	Sodium Acifluorfen	62476-59-9	7.9E+02	n	8.0E+03	n					2.0E+02	n		1.6E+00		
		4.0E-03	I								1		Sodium Azide	26628-22-8	3.1E+02	n	4.1E+03	n					6.2E+01	n				
2.7E-01	H	3.0E-02	I								1	0.1	Sodium Diethyldithiocarbamate	148-18-5	1.8E+00	c	6.4E+00	c					2.5E-01	c				
		5.0E-02	A	1.3E-02	C						1		Sodium Fluoride	7681-49-4	3.9E+03	n	5.1E+04	n	1.4E+01	n	5.7E+01	n	7.8E+02	n				
		2.0E-05	I								1	0.1	Sodium Fluoroacetate	62-74-8	1.2E+00	n	1.2E+01	n					3.1E-01	n		6.3E-05		
2.4E-02	H	1.0E-03	H								1		Sodium Metavanadate	13718-26-8	7.8E+01	n	1.0E+03	n					1.6E+01	n		7.0E-03		
		3.0E-02	I								1	0.1	Stirofos (Tetrachlorovinphos)	961-11-5	2.0E+01	c*	7.2E+01	c					2.4E+00	c		3.3E+02		
		6.0E-01	I								1		Strontium, Stable	7440-24-6	4.7E+04	n	6.1E+05	nm					9.3E+03	n				
		3.0E-04	I								1	0.1	Strychnine	57-24-9	1.8E+01	n	1.8E+02	n					4.6E+00	n		5.1E-02		
		2.0E-01	I	1.0E+00	I	V					1		Styrene	100-42-5	6.3E+03	ns	3.6E+04	ns	1.0E+03	n	4.4E+03	n	1.1E+03	n	1.0E+02	1.2E+00	1.1E-01	
		8.0E-04	P								1	0.1	Sulfonylbis(4-chlorobenzene), 1,1'-	80-07-9	4.9E+01	n	4.9E+02	n					1.3E+01	n		7.4E-02		
				1.0E-03	C						1		Sulfuric Acid	7664-93-9	1.4E+06	nm	6.0E+06	nm	1.0E+00	n	4.4E+00	n				4.3E+00		
		2.5E-02	I								1	0.1	Systhane	88671-89-0	1.5E+03	n	1.5E+04	n					3.5E+02	n		2.6E+00		
		3.0E-02	H								1	0.1	TCMTB	21564-17-0	1.8E+03	n	1.8E+04	n					3.7E+02	n				
		7.0E-02	I								1	0.1	Tebuthiuron	34014-18-1	4.3E+03	n	4.3E+04	n					1.1E+03	n		3.0E-01		
		2.0E-02	H								1	0.1	Temephos	3383-96-8	1.2E+03	n	1.2E+04	n					3.1E+02	n		6.0E+01		
		1.3E-02	I								1	0.1	Terbacil	5902-51-2	7.9E+02	n	8.0E+03	n					2.0E+02	n		5.9E-02		
		2.5E-05	H								1	0.1	Terbufos	13071-79-9	1.5E+00	n	1.5E+01	n					1.8E-01	n		3.9E-04		
		1.0E-03	I								1	0.1	Terbutryn	886-50-0	6.1E+01	n	6.2E+02	n					1.0E+01	n		1.4E-02		
		1.0E-04	I								1	0.1	Tetrabromodiphenyl ether, 2,2',4,4'-(BDE-47)	5436-43-1	6.1E+00	n	6.2E+01	n					1.6E+00	n		4.2E-02		
		3.0E-04	I								1	0.1	Tetrachlorobenzene, 1,2,4,5-	95-94-3	1.8E+01	n	1.8E+02	n					1.2E+00	n		5.8E-03		
2.6E-02	I	7.4E-06	I								1		Tetrachloroethane, 1,1,1,2-	630-20-6	1.9E+00	c	9.3E+00	c	3.3E-01	c	1.7E+00	c	5.0E-01	c		1.9E-04		
2.0E-01	I	5.8E-05	C								1		Tetrachloroethane, 1,1,2,2-	79-34-5	5.6E-01	c	2.8E+00	c	4.2E-02	c	2.1E-01	c	6.6E-02	c		2.6E-05		
5.4E-01	C	5.9E-06	C	1.0E-02	I	2.7E-01	A	V			1		Tetrachloroethylene	127-18-4	5.5E-01	c	2.6E+00	c	4.1E-01	c	2.1E+00	c	7.2E-02	c	5.0E+00	3.3E-05	2.3E-03	
		3.0E-02	I								1	0.1	Tetrachlorophenol, 2,3,4,6-	58-90-2	1.8E+03	n	1.8E+04	n					1.7E+02	n		1.1E+00		
		2.0E+01	H								1	0.1	Tetrachlorotoluene, p- alpha, alpha, alpha-	5216-25-1	2.4E-02	c	8.6E-02	c					3.4E-03	c		1.1E-05		
		5.0E-04	I								1	0.1	Tetraethyl Dithiopyrophosphate	3689-24-5	3.1E+01	n	3.1E+02	n					5.3E+00	n		3.9E-03		
		4.0E-03	P			8.0E+01	I	V			1	0.1	Tetrafluoroethane, 1,1,1,2-	811-97-2	1.1E+05	nms	4.6E+05	nms	8.3E+04	n	3.5E+05	n	1.7E+05	n		9.3E+01		
											1	0.1	Tetryl (Trinitrophenylmethylnitramine)	479-45-8	2.4E+02	n	2.5E+03	n					6.3E+01	n		5.9E-01		
		1.0E-05	X								1		Thallium (Soluble Salts)	7440-28-0	7.8E-01	n	1.0E+01	n					1.6E-01	n	2.0E+00	1.1E-02	1.4E-01	
		1.0E-02	I								1	0.1	Thiobencarb	28249-77-6	6.1E+02	n	6.2E+03	n					1.2E+02	n		4.2E-01		
		7.0E-02	X								1	0.008	Thiodiglycol	111-48-8	5.4E+03	n	6.8E+04	n					1.1E+03	n		2.2E-01		
		3.0E-04	H								1	0.1	Thiofanox	39196-18-4	1.8E+01	n	1.8E+02	n					4.1E+00	n		1.4E-03		
		8.0E-02	I								1	0.1	Thiophanate, Methyl	23564-05-8	4.9E+03	n	4.9E+04	n					1.2E+03	n		1.1E+00		
		5.0E-03	I								1	0.1	Thiram	137-26-8	3.1E+02	n	3.1E+03	n					7.6E+01	n		1.1E-01		
		6.0E-01	H								1		Tin	7440-31-5	4.7E+04	n	6.1E+05	nm					9.3E+03	n		2.3E+03		
		8.0E-02	I	1.0E-04	A						1		Titanium Tetrachloride	7550-45-0	1.4E+05	nm	6.0E+05	nm	1.0E-01	n	4.4E-01	n						
				5.0E+00	I	V					1		Toluene	108-88-3	5.0E+03	ns	4.5E+04	ns	5.2E+03	n	2.2E+04	n	8.6E+02	n	1.0E+03	5.9E-01	6.9E-01	
1.8E-01	X	1.0E-04	X								1	0.1	Toluene-2,5-diamine	95-70-5	2.7E+00	c**	9.6E+00	c**					3.7E-01	c**		1.2E-04		
1.9E-01	H										1	0.1	Toluidine, p-	106-49-0	2.6E+00	c	9.1E+00	c					3.4E-01	c		1.4E-04		
1.1E+00	I	3.2E-04	I								1	0.1	Toxaphene	8001-35-2	4.4E-01	c	1.6E+00	c	7.6E-03	c	3.8E-02	c	1.3E-02	c	3.0E+00	2.1E-03	4.6E-01	
		7.5E-03	I								1	0.1	Tralomehrin	66841-25-6	4.6E+02	n	4.6E+03	n					1.2E+02	n		4.5E+01		
		3.0E-04	A								1	0.1	Tri-n-butyltin	688-73-3	1.8E+01	n	1.8E+02	n					4.7E+00	n		1.0E-01		
		1.3E-02	I								1	0.1	Triallate	2303-17-5	7.9E+02	n	8.0E+03	n					8.7E+01	n		1.9E-01		
		1.0E-02	I								1	0.1	Triasulfuron	82097-50-5	6.1E+02	n	6.2E+03	n					1.6E+02	n		1.6E-01		
		5.0E-03	I								1	0.1	Tribromobenzene, 1,2,4-	615-54-3	3.1E+02	n	3.1E+03	n					7.8E+01	n		1.1E-01		
9.0E-03	P	1.0E-02	P								1	0.1	Tributyl Phosphate	126-73-8	5.4E+01	c*	1.9E+02	c*					4.5E+00	c*		2.2E-02		
		3.0E-04	P								1	0.1	Tributyltin Compounds	NA	1.8E+01	n	1.8E+02	n					4.7E+00	n				
		3.0E-04	I								1	0.1	Tributyltin Oxide	56-35-9	1.8E+01	n	1.8E+02	n					4.4E+00	n		2.3E+02		
		3.0E+01	I	3.0E+01	H	V					1		Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1	4.3E+04	ns	1.8E+05	nms	3.1E+04	n	1.3E+05	n	5.3E+04	n		1.3E+02		
7.0E-02	I	2.0E-02	I								1	0.1	Trichloroacetic Acid	76-03-9	6.9E+00	c	2.5E+01	c					9.4E-01	c	6.0E+01	1.9E-04	1.2E-02	
2.9E-02	H										1	0.1	Trichloroaniline HCl, 2,4,6-	33663-50-2	1.7E+01	c	5.9E+01	c					2.3E+00	c				

Regional Screening Level (RSL) Summary Table November 2011

Toxicity and Chemical-specific Information													Contaminant										Screening Levels										Protection of Ground	
SFO (mg/kg-day) ⁻¹	key	IUR (ug/m ³) ⁻¹	key	RFDo (mg/kg-day)	key	RFci (mg/m ³)	key	VO muta- gen	key	GIABS	key	ABS	Csat (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)	MCL-based SSL (mg/kg)						
3.0E+01	I			5.0E-03 4.0E-03	I X		V	M					1.3E+03 1.4E+03	Trichloropropane, 1,1,2- Trichloropropane, 1,2,3-	598-77-6 96-18-4	3.9E+02 5.0E+03	n c	5.1E+03 9.5E-02	ns c	3.1E-01	n	1.3E+00	n	7.8E+01 6.5E-04	n c		3.1E-02 2.8E-07							
				3.0E-03 3.0E-03	X I	3.0E-04	P I	V				1	4.5E+02	Trichloropropene, 1,2,3- Tridiphane Triethylamine	96-19-5 58138-08-2 121-44-8	7.8E-01 1.8E+02 1.2E+02	n n n	3.3E+00 1.8E+03 5.2E+02	n n n	3.1E-01	n	1.3E+00	n	6.2E-01 4.7E+01 1.5E+01	n n n		3.1E-04 3.3E-01 4.4E-03							
7.7E-03 2.0E-02	I P			7.5E-03 1.0E-02	I P		V					1 1	1.3E+03 2.9E+02	Trifluralin Trimethyl Phosphate Trimethylbenzene, 1,2,3-	1582-09-8 512-56-1 526-73-8	6.3E+01 2.4E+01 5.3E+01	c** c*	2.2E+02 8.6E+01 2.2E+02	c*			5.2E+00	n	2.2E+01	n	2.2E+00 3.4E+00 1.0E+01	c* c* n	7.2E-02 7.4E-04 1.5E-02						
				7.0E-03	P	7.0E-03	P	V				1	2.2E+02	Trimethylbenzene, 1,2,4- Trimethylbenzene, 1,3,5- Trinitrobenzene, 1,3,5-	95-63-6 108-67-8 99-35-4	6.2E+01 7.8E+02 2.2E+03	n ns n	2.6E+02 1.0E+04 2.7E+04	ns ns ns	7.3E+00	n	3.1E+01	n	1.5E+01 8.7E+01 4.6E+02	n n n		2.1E-02 1.2E-01 1.7E+00							
3.0E-02 2.0E-02	I P			5.0E-04 2.0E-02 7.0E-03	I P P		V					1 1 1	0.032 0.1 0.1	Trinitrotoluene, 2,4,6- Triphenylphosphine Oxide Tris(2-chloroethyl)phosphate	118-96-7 791-28-6 115-96-8	1.9E+01 1.2E+03 2.4E+01	c** n c*	7.9E+01 1.2E+04 8.6E+01	c** n c*			2.2E+00 2.8E+02 3.3E+00	c** n c*		1.3E-02 1.2E+00 3.2E-03									
3.2E-03 1.0E+00	P C	2.9E-04	C	1.0E-01 3.0E-03	P I	3.0E-04	A					1 1	0.1	Tris(2-ethylhexyl)phosphate Uranium (Soluble Salts) Urethane	78-42-2 NA 51-79-6	1.5E+02 2.3E+02 1.2E-01	c* n c	5.4E+02 3.1E+03 1.7E+00	c n c	3.1E-01 n n	n	1.3E+00 4.2E-02	n c	2.1E+01 4.7E+01 2.1E-02	c* n c	3.0E+01	1.0E+02 2.1E+01 4.8E-06	1.4E+01						
		8.3E-03	P	9.0E-03 5.0E-03 1.0E-03	I S I	7.0E-06	P					1 1 1	0.026	Vanadium Pentoxide Vanadium and Compounds Vernolate	1314-62-1 NA 1929-77-7	4.0E+02 3.9E+02 6.1E+01	c** n n	2.0E+03 5.2E+03 6.2E+02	c** n n	2.9E-04	c*	1.5E-03	c*	1.1E+02 7.8E+01 8.3E+00	n n n		7.8E+01 6.6E-03							
				2.5E-02 1.0E+00 3.2E-05	I H H	2.0E-01 3.0E-03	I I V	V				1 1 1	0.1 2.8E+03 0.0E+00	Vinclozolin Vinyl Acetate Vinyl Bromide	50471-44-8 108-05-4 593-60-2	1.5E+03 9.7E+02 1.1E-01	n n c*s	1.5E+04 4.1E+03 5.6E-01	n ns c*s	2.1E+02 n 7.6E-02	n n c*	8.8E+02 3.8E-01	n c*	3.4E+02 4.1E+02 1.5E-01	n n c*		2.6E-01 8.7E-02 4.4E-05							
7.2E-01	I	4.4E-06	I	3.0E-03 3.0E-04 2.0E-01	I I S	1.0E-01	I V S	V	M			1 1 1	3.9E+03	Vinyl Chloride Warfarin Xylene, P-	75-01-4 81-81-2 106-42-3	6.0E-02 1.8E+01 6.0E+02	c n ns	1.7E+00 1.8E+02 2.6E+03	c n ns	1.6E-01	c	2.8E+00	c	1.5E-02 4.4E+00 1.9E+02	n n n	2.0E+00	5.3E-06 4.6E-03 1.8E-01	6.9E-04						
				2.0E-01 2.0E-01 2.0E-01	S S I	1.0E-01	S S I	V				1 1 1	3.9E+02	Xylene, m- Xylene, o- Xylenes	108-38-3 95-47-6 1330-20-7	5.9E+02 6.9E+02 6.3E+02	ns ns ns	2.5E+03 3.0E+03 2.7E+03	ns ns ns	1.0E+02	n	4.4E+02	n	1.9E+02 1.9E+02 1.0E+02	n n n	1.0E+04	1.8E-01 1.9E-01 1.9E-01	9.8E+00						
				3.0E-04 3.0E-01 5.0E-02	I I I							1 1 1	0.1	Zinc Phosphide Zinc and Compounds Zineb	1314-84-7 7440-66-6 12122-67-7	2.3E+01 2.3E+04 3.1E+03	n n n	3.1E+02 3.1E+05 3.1E+04	n nm n			4.7E+00 4.7E+03 7.8E+02	n n n		2.9E+02 2.3E+00									