

Regional Screening Level (RSL) Summary Table June 2011

Toxicity and Chemical-specific Information															Contaminant		Screening Levels								Protection of Ground Water SSLs					
SFO (mg/kg-day) <sup>-1</sup>	key	IUR (ug/m <sup>3</sup> ) <sup>-1</sup>	key	RF <sub>D</sub> (mg/kg-day)	key	RF <sub>C</sub> (mg/m <sup>3</sup> )	key	VO	muta- gen	GIABS	ABS	C <sub>sat</sub> (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident Air (ug/m <sup>3</sup> )	key	Industrial Air (ug/m <sup>3</sup> )	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						1	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			4.0E-03	I						1	0.1	Acetophete	30560-19-1	5.6E+01	c**	2.0E+02	c*					7.7E+00	c*		1.7E-03				
		2.2E-06	I			9.0E-03	I	V			1		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						1	0.1	Acetochlor	34256-82-1	1.2E+03	n	1.2E+04	n					7.3E+02	n		5.8E-01				
				9.0E-01	I	3.1E+01	A	V			1		Acetone	67-64-1	6.1E+04	n	6.3E+05	nms	3.2E+04	n	1.4E+05	n	2.2E+04	n		4.5E+00				
				3.0E-03	P	6.0E-02	P	V			1		Acetone Cyanohydrin	75-86-5	2.0E+02	n	2.1E+03	n	6.3E+01	n	2.6E+02	n	5.8E+01	n		1.2E-02				
						6.0E-02	I	V			1		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						1	0.1	Acetophenone	98-86-2	7.8E+03	ns	1.0E+05	nms					3.7E+03	n		1.1E+00				
											1	0.1	Acetylaminofluorene, 2-	53-96-3	1.3E-01	c	4.5E-01	c	1.9E-03	c	9.4E-03	c	1.8E-02	c		8.2E-05				
				5.0E-04	I	2.0E-05	I	V			1		Acrolein	107-02-8	1.5E-01	n	6.5E-01	n	2.1E-02	n	8.8E-02	n	4.2E-02	n		8.4E-06				
5.0E-01	I	1.0E-04	I	2.0E-03	I	6.0E-03	I				1	0.1	Acrylamide	79-06-1	9.7E-01	c	3.4E+00	c	2.4E-02	c	1.2E-01	c	1.3E-01	c		2.8E-05				
				5.0E-01	I	1.0E-03	I				1	0.1	Acrylic Acid	79-10-7	3.0E+04	n	2.9E+05	nm	1.0E+00	n	4.4E+00	n	1.8E+04	n		3.7E+00				
5.4E-01	I	6.8E-05	I	4.0E-02	A	2.0E-03	I	V			1		Acrylonitrile	107-13-1	2.4E-01	c*	1.2E+00	c*	3.6E-02	c*	1.8E-01	c*	4.5E-02	c*		9.9E-06				
5.6E-02	C			1.0E-02	I	6.0E-03	P				1	0.1	Adiponitrile	111-69-3	8.5E+06	nm	3.6E+07	nm	6.3E+00	n	2.6E+01	n								
											1	0.1	Alachlor	15972-60-8	8.7E+00	c*	3.1E+01	c					1.2E+00	c	2.0E+00	9.9E-04	1.6E-03			
				1.0E-03	I						1	0.1	Aldicarb	116-06-3	6.1E+01	n	6.2E+02	n								3.7E+01	n	9.1E-03		
				1.0E-03	I						1	0.1	Aldicarb Sulfone	1646-88-4	6.1E+01	n	6.2E+02	n								3.7E+01	n	8.0E-03		
1.7E+01	I	4.9E-03	I	3.0E-05	I						1	0.1	Aldrin	309-00-2	2.9E-02	c*	1.0E-01	c	5.0E-04	c	2.5E-03	c	4.0E-03	c		6.5E-04				
				2.5E-01	I						1	0.1	Allyl	74223-64-6	1.5E+04	n	1.5E+05	nm					9.1E+03	n		3.5E+00				
2.1E-02	C	6.0E-06	C	5.0E-03	I	1.0E-04	X				1	0.1	Allyl Alcohol	107-18-6	3.0E+02	n	3.1E+03	n	1.0E-01	n	4.4E-01	n	1.8E+02	n		3.7E-02				
						1.0E-03	I	V			1		Allyl Chloride	107-05-1	6.8E-01	c**	3.4E+00	c**	4.1E-01	c**	2.0E+00	c**	6.5E-01	c**		2.1E-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	3.7E+04	n		5.5E+04				
				4.0E-04	I						1		Aluminum Phosphide	20859-73-8	3.1E+01	n	4.1E+02	n								1.5E+01	n			
				3.0E-04	I						1	0.1	Amdro	67485-29-4	1.8E+01	n	1.8E+02	n								1.1E+01	n	3.9E+03		
2.1E+01	C	6.0E-03	C	9.0E-03	I						1	0.1	Ametryn	834-12-8	5.5E+02	n	5.5E+03	n					3.3E+02	n		3.5E-01				
				8.0E-02	P						1	0.1	Aminobiphenyl, 4-	92-67-1	2.3E-02	c	8.2E-02	c	4.1E-04	c	2.0E-03	c	3.2E-03	c		1.6E-05				
											1	0.1	Aminophenol, m-	591-27-5	4.9E+03	n	4.9E+04	n								2.9E+03	n	1.1E+00		
				2.0E-02	P						1	0.1	Aminophenol, p-	123-30-8	1.2E+03	n	1.2E+04	n								7.3E+02	n	2.8E-01		
				2.5E-03	I						1	0.1	Amitraz	33089-61-1	1.5E+02	n	1.5E+03	n					1.0E+02	n	4.4E+02	n	9.1E+01	n	4.7E+01	
						1.0E-01	I				1		Ammonia	7664-41-7					1.0E+02	n	4.4E+02	n								
5.7E-03	I	1.6E-06	C	2.0E-01	I	1.0E-03	I				1	0.1	Ammonium Sulfamate	7773-06-0	1.6E+04	n	2.0E+05	nm					7.3E+03	n						
4.0E-02	P			7.0E-03	P						1	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*		4.0E-03				
				2.0E-03	X						1	0.1	Anthraquinone, 9,10-	84-65-1	1.2E+01	c*	4.3E+01	c*								1.7E+00	c*			
				4.0E-04	I						0.15		Antimony (metallic)	7440-36-0	3.1E+01	n	4.1E+02	n								1.5E+01	n	6.0E+00	6.6E-01	2.7E-01
				5.0E-04	H						0.15		Antimony Pentoxide	1314-60-9	3.9E+01	n	5.1E+02	n								1.8E+01	n			
				9.0E-04	H						0.15		Antimony Potassium Tartrate	11071-15-1	7.0E+01	n	9.2E+02	n								3.3E+01	n			
				4.0E-04	H						0.15		Antimony Trioxide	1332-81-6	3.1E+01	n	4.1E+02	n								1.5E+01	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								
				1.3E-02	I						1	0.1	Apollo	74115-24-5	7.9E+02	n	8.0E+03	n								4.7E+02	n	2.9E+01		
2.5E-02	I	7.1E-06	I	5.0E-02	H						1	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				1	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		Arsenic	7784-42-1	2.7E-01	n	3.6E+00	n	5.2E-02	n	2.2E-01	n	1.3E-01	n						
				9.0E-03	I						1	0.1	Assure	76578-14-8	5.5E+02	n	5.5E+03	n								3.3E+02	n	5.1E+00		
				5.0E-02	I						1	0.1	Asulam	3337-71-1	3.1E+03	n	3.1E+04	n								1.8E+03	n	4.7E-01		
2.3E-01	C			3.5E-02	I						1	0.1	Atrazine	1912-24-9	2.1E+00	c	7.5E+00	c								2.9E-01	c	3.0E+00	1.9E-03	
8.8E-01	C	2.5E-04	C								1	0.1	Auramine	492-80-8	5.5E-01	c	2.0E+00	c	9.7E-03	c	4.9E-02	c	7.6E-02	c		7.0E-04				
1.1E-01	I	3.1E-05	I	4.0E-04	I			V			1	0.1	Avermectin B1	65195-55-3	2.4E+01	n	2.5E+02	n								1.5E+01	n	2.6E+01		
											1		Azobenzene	103-33-3	5.1E+00	c	2.3E+01	c	7.8E-02	c	4.0E-01	c	1.2E-01	c		9.6E-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	7.3E+03	n	2.0E+03	3.0E+02	8.2E+01			
				4.0E-03	I						1	0.1	Baygon	114-26-1	2.4E+02	n	2.5E+03	n								1.5E+02	n	4.7E-02		
				3.0E-02	I						1	0.1	Bayleton	43121-43-3	1.8E+03	n	1.8E+04	n								1.1E+03	n	8.7E-01		
				2.5E-02	I						1	0.1	Baythroid	68359-37-5	1.5E+03	n	1.5E+04	n								9.1E+02	n	2.4E+02		
				3.0E-01																										



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Toxicity and Chemical-specific Information														Contaminant		Screening Levels								Protection of Ground Water SSLs			
SFO (mg/kg-day) <sup>-1</sup>	key	IUR (ug/m <sup>3</sup> ) <sup>-1</sup>	key	RFDo y	key	RFCl (mg/m <sup>3</sup> ) <sup>-1</sup>	key	Vo y	muta- gen	GIABS	ABS	Csat (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident Air (ug/m <sup>3</sup> )	key	Industrial Air (ug/m <sup>3</sup> )	key	Tapwater (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)
		4.0E-02	P			5.0E+01	V			1		7.3E+02	Chlorobutane, 1-	109-69-3	3.1E+03	ns	4.1E+04	ns	5.2E+04	n	2.2E+05	n	1.5E+03	n		5.9E-01	
							V			1		1.7E+03	Chlorodifluoromethane	75-45-6	5.3E+04	ns	2.2E+05	nms	5.2E+04	n	2.2E+05	n	1.0E+05	n		4.3E+01	
3.1E-02	C	2.3E-05	I	1.0E-02	I	9.8E-02	A	V		1		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			9.0E-02	I	V		1		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			1		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	
3.0E-01	P			8.0E-02	I		V			1		1.8E+02	Chloronaphthalene, Beta-	91-58-7	6.3E+03	ns	8.2E+04	ns					2.9E+03	n		1.5E+01	
6.3E-03	P			3.0E-03	P	1.0E-05	X			1	0.1		Chloronitrobenzene, o-	88-73-3	1.6E+00	c	5.7E+00	c	1.0E-02	n	4.4E-02	n	2.2E-01	c		2.1E-04	
				1.0E-03	P	6.0E-04	P			1	0.1		Chloronitrobenzene, p-	100-00-5	6.1E+01	n	2.7E+02	c**	6.3E-01	n	2.6E+00	n	1.1E+01	c**		9.9E-03	
				5.0E-03	I		V			1		2.2E+04	Chlorophenol, 2-	95-57-8	3.9E+02	n	5.1E+03	n					1.8E+02	n		1.5E-01	
3.1E-03	C	8.9E-07	C	1.5E-02	I	4.0E-04	C	V		1	0.1	6.2E+02	Chloropicrin	76-06-2	2.1E+00	n	8.8E+00	n	4.2E-01	n	1.8E+00	n	8.3E-01	n		2.5E-04	
				2.0E-02	I		V			1		9.1E+02	Chlorothalonil	1897-45-6	1.6E+02	c**	5.6E+02	c*	2.7E+00	c	1.4E+01	c	2.2E+01	c*		4.9E-02	
2.4E+02	C	6.9E-02	C	2.0E-02	X		V			1	0.1	2.5E+02	Chlorotoluene, o-	95-49-8	1.6E+03	ns	2.0E+04	ns					7.3E+02	n		7.1E-01	
				2.0E-02	X		V			1	0.1	2.5E+02	Chlorotoluene, p-	106-43-4	1.6E+03	ns	2.0E+04	ns					7.3E+02	n		7.1E-01	
										1	0.1		Chlorozotocin	54749-90-5	2.0E-03	c	7.2E-03	c	3.5E-05	c	1.8E-04	c	2.8E-04	c		6.2E-08	
				2.0E-01	I					1	0.1		Chlorpropham	101-21-3	1.2E+04	n	1.2E+05	nm					7.3E+03	n		6.6E+00	
				3.0E-03	I					1	0.1		Chlorpyrifos	2921-88-2	1.8E+02	n	1.8E+03	n					1.1E+02	n		1.6E+00	
				1.0E-02	H					1	0.1		Chlorpyrifos Methyl	5598-13-0	6.1E+02	n	6.2E+03	n					3.7E+02	n		1.7E+00	
				5.0E-02	I					1	0.1		Chlorsulfuron	64902-72-3	3.1E+03	n	3.1E+04	n					1.8E+03	n		1.5E+00	
				8.0E-04	H					1	0.1		Chlorthiophos	60238-56-4	4.9E+01	n	4.9E+02	nm					2.9E+01	n		7.5E-01	
				1.5E+00	I					0.013			Chromium(III), Insoluble Salts	16065-83-1	1.2E+05	nm	1.5E+06	nm					5.5E+04	n		9.9E+07	
5.0E-01	J	8.4E-02	S	3.0E-03	I	1.0E-04	I	M		0.025			Chromium(VI)	18540-29-9	2.9E-01	c	5.6E+00	c	1.1E-05	c	1.5E-04	c	4.3E-02	c	1.0E+02	8.3E-04	1.8E+05
				9.0E-03	P	3.0E-04	P	6.0E-06	P		1		Chromium, Total	7440-47-3	2.3E+01	n	3.0E+02	n	2.7E-04	c*	1.4E-03	c*	1.1E+01	n		4.9E-01	
				6.2E-04	I					1	0.1		Cobalt	7440-48-4	2.3E+01	n	3.0E+02	n	2.7E-04	c*	1.4E-03	c*	1.1E+01	n		4.9E-01	
				4.0E-02	H					1			Coke Oven Emissions	8007-45-2					1.5E-03	c	2.0E-02	c				5.1E+01	4.6E+01
				5.0E-02	I	6.0E-01	C			1	0.1		Copper	7440-50-8	3.1E+03	n	4.1E+04	n					1.5E+03	n	1.3E+03	5.1E+01	1.5E+00
										1	0.1		Cresol, m-	108-39-4	3.1E+03	n	3.1E+04	n	6.3E+02	n	2.6E+03	n	1.8E+03	n		1.5E+00	
				5.0E-02	I	6.0E-01	C			1	0.1		Cresol, o-	95-48-7	3.1E+03	n	3.1E+04	n	6.3E+02	n	2.6E+03	n	1.8E+03	n		1.5E+00	
				5.0E-03	H	6.0E-01	C			1	0.1		Cresol, p-	106-44-5	3.1E+02	n	3.1E+03	n	6.3E+02	n	2.6E+03	n	1.8E+02	n		1.5E-01	
				1.0E-01	X					1	0.1		Cresol, p-chloro-m-	59-50-7	6.1E+03	n	6.2E+04	n					3.7E+03	n		4.3E+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	9.3E+02	n		7.6E-01	
				1.0E-03	P		V			1		1.7E+04	Crotonaldehyde, trans-	123-73-9	3.4E-01	c	1.5E+00	c					3.5E-02	c		7.2E-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	6.8E+02	n		1.1E+00	
2.2E-01	C	6.3E-05	C							1	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					1	0.1		Cyanazine	21725-46-2	5.8E-01	c	2.1E+00	c					8.0E-02	c		3.7E-05	
													<b>Cyanides</b>														
				4.0E-02	I					1			~Calcium Cyanide	592-01-8	3.1E+03	n	4.1E+04	n					1.5E+03	n			
				5.0E-03	I					1			~Copper Cyanide	544-92-3	3.9E+02	n	5.1E+03	n					1.8E+02	n			
				2.0E-02	I		V			1	1.0E+07		~Cyanide (CN-)	57-12-5	1.6E+03	n	2.0E+04	n					7.3E+02	n	2.0E+02	7.4E+00	2.0E+00
				4.0E-02	I		V			1			~Cyanogen	460-19-5	3.1E+03	n	4.1E+04	n					1.5E+03	n			
				9.0E-02	I		V			1			~Cyanogen Bromide	506-68-3	7.0E+03	n	9.2E+04	n					3.3E+03	n			
				5.0E-02	I		V			1			~Cyanogen Chloride	506-77-4	3.9E+03	n	5.1E+04	n					1.8E+03	n			
				6.0E-04	I	8.0E-04	I	V		1			~Hydrogen Cyanide	74-90-8	4.7E+01	n	6.1E+02	n	8.3E-01	n	3.5E+00	n	1.6E+00	n			
				5.0E-02	I					1			~Potassium Cyanide	151-50-8	3.9E+03	n	5.1E+04	n					1.8E+03	n			
				2.0E-01	I				0.04				~Potassium Silver Cyanide	506-61-6	1.6E+04	n	2.0E+05	nm					7.3E+03	n			
				1.0E-01	I				0.04				~Silver Cyanide	506-64-9	7.8E+03	n	1.0E+05	nm					3.7E+03	n			
				4.0E-02	I					1			~Sodium Cyanide	143-33-9	3.1E+03	n	4.1E+04	n					1.5E+03	n			
				2.0E-04	P		V			1	4.6E+03		~Thiocyanate	463-56-9	1.6E+01	n	2.0E+02	n					7.3E+00	n	2.0E+02	1.5E-03	
				5.0E-02	I					1			~Zinc Cyanide	557-21-1	3.9E+03	n	5.1E+04	n					1.8E+03	n			
2.3E-02	H					6.0E+00	I	V		1	0.1	1.2E+02	Cyclohexane	110-82-7	7.0E+03	ns	2.9E+04	ns	6.3E+03	n	2.6E+04	n	1.3E+04	n		1.3E+01	1.7E-02
										1	0.1		Cyclohexane, 1,2,3,4,5-pentabromo-6-chloro-	87-84-3	2.1E+01	c	7.5E+01	c					2.9E+00	c			
				5.0E+00	I	7.0E-01	P			1	0.1		Cyclohexanone	108-94-1	3.1E+05	nm	3.1E+06	nm	7.3E+02	n	3.1E+03	n	1.8E+05	n		4.3E+01	
				2.0E-01	I					1	0.1		Cyclohexylamine	108-91-8	1.2E+04	n	1.2E+05	nm					7.3E+03	n		1.9E+00	
				5.0E-03	I					1	0.1		Cyhalothrin/karate	68085-85-8	3.1E+02	n	3.1E+03	n					1.8E+				

Regional Screening Level (RSL) Summary Table June 2011

Toxicity and Chemical-specific Information													Contaminant		Screening Levels								Protection of Ground Water SSLs					
SFO (mg/kg-day) <sup>-1</sup>	key	IUR (ug/m <sup>3</sup> ) <sup>-1</sup>	key	RF <sub>D</sub>	key	RF <sub>C</sub>	key	muta-	key	GIABS	key	ABS	C <sub>sat</sub> (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident Air (ug/m <sup>3</sup> )	key	Industrial Air (ug/m <sup>3</sup> )	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
8.4E-02	I	2.7E-05	C	1.0E-02	I			V		1	0.1		Dibromobenzene, 1,4-	106-37-6	6.1E+02	n	6.2E+03	n					3.7E+02	n		3.5E-01		
				2.0E-02	I			V		1			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	8.2E+00	n		2.0E-03	
				1.0E-01	I			V		1	0.1		Dibutyltin Compounds	NA	6.1E+03	n	6.2E+04	n					3.7E+03	n		9.2E+00		
				3.0E-04	P			V		1	0.1		Dicamba	1918-00-9	1.8E+03	n	1.8E+04	n					1.1E+01	n		2.8E-01		
				3.0E-02	I			V		1			5.2E+02	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			V		1	0.1		7.6E+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	
				4.2E-03	P			V		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	
5.0E-02	I			4.0E-03	I			V		1	0.1		Dichloroacetic Acid	79-43-6	9.7E+00	c*	3.4E+01	c*					1.3E+00	c	6.0E+01	2.8E-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	3.7E+02	n	6.0E+02	3.6E-01	5.8E-01
5.4E-03	C	1.1E-05	C	7.0E-02	A	8.0E-01	I	V		1			106-46-7	Dichlorobenzene, 1,4-	106-46-7	2.4E+00	c	1.2E+01	c	2.2E-01	c	1.1E+00	c	4.3E-01	c	7.5E+01	4.1E-04	7.2E-02
4.5E-01	I	3.4E-04	C					V		1	0.1		91-94-1	Dichlorobenzidine, 3,3'-	91-94-1	1.1E+00	c	3.8E+00	c	7.2E-03	c	3.6E-02	c	1.5E-01	c		9.8E-04	
				9.0E-03	X			V		1	0.1		90-98-2	Dichlorobenzophenone, 4,4'-	90-98-2	5.5E+02	n	5.5E+03	n					3.3E+02	n		2.0E+00	
				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	2.0E+02	n		3.1E-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		6.9E-04	
9.1E-02	I	2.6E-05	I	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
				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	3.4E+02	n	7.0E+00	1.2E-01	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					3.3E+02	n		9.7E-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					7.3E+01	n	7.0E+01	2.1E-02	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	1.1E+02	n	1.0E+02	3.1E-02	2.9E-02
				3.0E-03	I			V		1	0.1		120-83-2	Dichlorophenol, 2,4-	120-83-2	1.8E+02	n	1.8E+03	n					1.1E+02	n		1.3E-01	
				1.0E-02	I			V		1	0.05		94-75-7	Dichlorophenoxy Acetic Acid, 2,4-	94-75-7	6.9E+02	n	7.7E+03	n					3.7E+02	n	7.0E+01	9.5E-02	1.8E-02
				8.0E-03	I			V		1	0.1		94-82-6	Dichlorophenoxybutyric Acid, 4-(2,4-	94-82-6	4.9E+02	n	4.9E+03	n					2.9E+02	n		1.2E-01	
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*	3.9E-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					7.3E+02	n		2.5E-01	
				3.0E-03	I			V		1	0.1		6.1E+03	Dichloropropanol, 2,3-	616-23-9	1.8E+02	n	1.8E+03	n					1.1E+02	n		2.3E-02	
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*	4.3E-01	c*		1.5E-04	
2.9E-01	I	8.3E-05	C	5.0E-04	I	5.0E-04	I	V		1	0.1		1.3E+02	Dichlorvos	62-73-7	1.7E+00	c*	5.9E+00	c*	2.9E-02	c*	1.5E-01	c*	2.3E-01	c*		7.1E-05	
				8.0E-03	P	7.0E-03	P	V		1			77-73-6	Dicyclopentadiene	77-73-6	3.1E+01	n	1.3E+02	ns	7.3E+00	n	3.1E+01	n	1.4E+01	n		4.8E-02	
1.6E+01	I	4.6E-03	I	5.0E-05	I			V		1	0.1		60-57-1	Dieldrin	60-57-1	3.0E-02	c	1.1E-01	c	5.3E-04	c	2.7E-03	c	4.2E-03	c		1.7E-04	
				5.0E-03	I			V		1	0.1		NA	Diesel Engine Exhaust	NA					8.1E-03	c	4.1E-02	c					
				3.0E-03	C			V		1	0.1		111-42-2	Diethanolamine	111-42-2	4.3E+06	nm	1.8E+07	nm	3.1E+00	n	1.3E+01	n				1.2E+01	
				8.0E-01	I			V		1	0.1		84-66-2	Diethyl Phthalate	84-66-2	4.9E+04	n	4.9E+05	nm					2.9E+04	n			
				3.0E-02	P	1.0E-04	P			1	0.1		112-34-5	Diethylene Glycol Monobutyl Ether	112-34-5	1.8E+03	n	1.8E+04	n	1.0E-01	n	4.4E-01	n	1.1E+03	n		2.4E-01	
				6.0E-02	P	3.0E-04	P			1	0.1		111-90-0	Diethylene Glycol Monoethyl Ether	111-90-0	3.6E+03	n	3.6E+04	n	3.1E-01	n	1.3E+00	n	2.2E+03	n		4.4E-01	
				1.0E-03	P			V		1	0.1		617-84-5	Diethylformamide	617-84-5	6.1E+01	n	6.2E+02	n					3.7E+01	n		7.5E-03	
3.5E+02	C	1.0E-01	C					V		1	0.1		56-53-1	Diethylstilbestrol	56-53-1	1.4E-03	c	4.9E-03	c	2.4E-05	c	1.2E-04	c	1.9E-04	c		1.1E-04	
				8.0E-02	I			V		1	0.1		43222-48-6	Difenoquat	43222-48-6	4.9E+03	n	4.9E+04	n					2.9E+03	n			
				2.0E-02	I			V		1	0.1		35367-38-5	Diflubenzuron	35367-38-5	1.2E+03	n	1.2E+04	n					7.3E+02	n		8.2E-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	
				8.0E-02	I			V		1	0.1		94-58-6	Dihydrosafrole	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		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	
				2.0E-02	I			V		1	0.1		1445-75-6	Diisopropyl Methylphosphonate	1445-75-6	6.3E+03	ns	8.2E+04	ns					2.9E+03	n		8.3E-01	
				2.0E-02	I			V		1	0.1		55290-64-7	Dimethipin	55290-64-7	1.2E+03	n	1.2E+04	n					7.3E+02	n		1.6E-01	
				2.0E-04	I			V		1	0.1		60-51-5	Dimethoate	60-51-5	1.2E+01	n	1.2E+02	n					7.3E+00	n		1.6E-03	
1.4E-02	H							V		1	0.1		119-90-4	Dimethoxybenzidine, 3,3'-	119-90-4	3.5E+01	c	1.2E+02	c					4.8E+00	c		5.8E-03	
1.7E-03	P																											

Regional Screening Level (RSL) Summary Table June 2011

Toxicity and Chemical-specific Information													Contaminant		Screening Levels							Protection of Ground Water SSLs						
SFO (mg/kg-day) <sup>-1</sup>	key	IUR (ug/m <sup>3</sup> ) <sup>-1</sup>	key	RF <sub>D</sub> y	key	RF <sub>C</sub> (mg/m <sup>3</sup> ) <sup>-1</sup>	key	RF <sub>V</sub> y	key	muta- gen	GIABS	ABS	C <sub>sat</sub> (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident Air (ug/m <sup>3</sup> )	key	Industrial Air (ug/m <sup>3</sup> )	key	Tapwater (ug/L)	key	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					3.7E+00	n		3.3E-03	
1.0E-04	I											1	0.1	Dinitrobenzene, 1,3-	99-65-0	6.1E+00	n	6.2E+01	n					3.7E+00	n		3.3E-03	
1.0E-04	P											1	0.1	Dinitrobenzene, 1,4-	100-25-4	6.1E+00	n	6.2E+01	n					3.7E+00	n		3.3E-03	
2.0E-03	I											1	0.1	Dinitrophenol, 2,4-	51-28-5	1.2E+02	n	1.2E+03	n					7.3E+01	n		8.2E-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					9.9E-02	c		1.4E-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	2.2E-01	c		2.9E-04	
1.0E-03	P											1	0.099	Dinitrotoluene, 2,6-	606-20-2	6.1E+01	n	6.2E+02	n					3.7E+01	n		5.0E-02	
2.0E-03	S											1	0.006	Dinitrotoluene, 2-Amino-4,6-	35572-78-2	1.5E+02	n	2.0E+03	n					7.3E+01	n		5.6E-02	
2.0E-03	S											1	0.009	Dinitrotoluene, 4-Amino-2,6-	19406-51-0	1.5E+02	n	1.9E+03	n					7.3E+01	n		5.6E-02	
1.0E-03	I											1	0.1	Dinoseb	88-85-7	6.1E+01	n	6.2E+02	n					7.3E+01	n	7.0E+00	3.2E-01	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	<b>Dioxins</b> **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					1.1E+03	n		1.1E+01	
8.0E-01	I	2.2E-04	I	2.5E-02	I							1	0.1	Diphenyl Sulfone	127-63-9	4.9E+01	n	4.9E+02	n					2.9E+01	n		7.1E-02	
8.0E-01	I	2.2E-04	I	2.5E-02	I							1	0.1	Diphenylamine	122-39-4	1.5E+03	n	1.5E+04	n					9.1E+02	n		1.7E+00	
7.4E+00	C	2.1E-03	C	2.2E-03	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	8.4E-02	c		2.7E-04	
7.4E+00	C	2.1E-03	C	2.2E-03	I							1	0.1	Diquat	85-00-7	1.3E+02	n	1.4E+03	n					8.0E+01	n	2.0E+01	1.5E+00	3.7E-01
6.7E+00	C	1.9E-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	
												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	
												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					1.5E+00	n		2.7E-03	
1.0E-02	I											1	0.1	Dithiane, 1,4-	505-29-3	6.1E+02	n	6.2E+03	n					3.7E+02	n		1.8E-01	
2.0E-03	I											1	0.1	Diuron	330-54-1	1.2E+02	n	1.2E+03	n					7.3E+01	n		3.1E-02	
4.0E-03	I											1	0.1	Dodine	2439-10-3	2.4E+02	n	2.5E+03	n					1.5E+02	n		7.5E-01	
2.5E-02	I									V		1	4.1E+02	EPTC	759-94-4	2.0E+03	ns	2.6E+04	ns					9.1E+02	n		4.8E-01	
6.0E-03	I											1	0.1	Endosulfan	115-29-7	3.7E+02	n	3.7E+03	n					2.2E+02	n		3.0E+00	
2.0E-02	I											1	0.1	Endothall	145-73-3	1.2E+03	n	1.2E+04	n					7.3E+02	n	1.0E+02	1.7E-01	2.4E-02
3.0E-04	I											1	0.1	Endrin	72-20-8	1.8E+01	n	1.8E+02	n					1.1E+01	n	2.0E+00	4.4E-01	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	2.1E+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					1.8E+02	n		3.8E-02	
5.0E-04	I											1	0.1	Ethion	563-12-2	3.1E+01	n	3.1E+02	n					1.8E+01	n		3.6E-02	
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	3.7E+03	n		7.6E-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	1.5E+04	n		2.9E+00	
9.0E-01	I											1	1.1E+04	Ethyl Acetate	141-78-6	7.0E+04	ns	9.2E+05	nms					3.3E+04	n		7.0E+00	
4.8E-02	H											1	2.5E+03	Ethyl Acrylate	140-88-5	1.3E+01	c	6.0E+01	c					1.4E+00	c		3.1E-04	
1.0E+01	I	V										1	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											1	1.0E+04	Ethyl Ether	60-29-7	1.6E+04	ns	2.0E+05	nms					7.3E+03	n		1.6E+00	
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	5.3E+02	n		1.2E-01	
1.0E-05	I											1	0.1	Ethyl-p-nitrophenyl Phosphonate	2104-64-5	6.1E-01	n	6.2E+00	n					3.7E-01	n		1.1E-02	
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	1.5E+00	c	7.0E+02	1.7E-03	7.8E-01
3.0E-02	P											1	0.1	Ethylene Cyanohydrin	109-78-4	1.8E+03	n	1.8E+04	n					1.1E+03	n		2.2E-01	
9.0E-02	P											1	0.1	Ethylene Diamine	107-15-3	5.5E+03	n	5.5E+04	n					3.3E+03	n		7.5E-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	7.3E+04	n		1.5E+01	
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	3.7E+03	n		7.5E-01	
3.1E-01	C	8.8E-05	C									1	1.2E+05	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	
4.5E-02	C	1.3E-05	C	8.0E-05	I							1	0.1	Ethylene Thiourea	96-45-7	4.9E+00	n	3.8E+01	c**	1.9E-01	c	9.4E-01	c	1.5E+00	c**		3.4E-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		2.3E-07	
3.0E+00	I											1	0.1	Ethylphthalyl Ethyl Glycolate	84-72-0	1.8E+05	nm	1.8E+06	nm					1.1E+05	n		2.5E+02	
8.0E-03	I											1	0.1	Express	101200-48-0	4.9E+02	n											

Regional Screening Level (RSL) Summary Table June 2011

Toxicity and Chemical-specific Information													Contaminant		Screening Levels								Protection of Ground Water SSLs					
SFO (mg/kg-day) <sup>-1</sup>	key	IUR (ug/m <sup>3</sup> ) <sup>-1</sup>	key	RF <sub>D50</sub>	key	RF <sub>C1</sub> (mg/m <sup>3</sup> ) <sup>-1</sup>	key	V	key	muta- gen	GIABS	ABS	C <sub>sat</sub> (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident Air (ug/m <sup>3</sup> )	key	Industrial Air (ug/m <sup>3</sup> )	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	3.0E-04	X					1	0.1			Formic Acid Fosetyl-AL	64-18-6 39148-24-8	4.9E+04 1.8E+05	n	4.2E+05 1.8E+06	nm	3.1E-01	n	1.3E+00	n	3.3E+04 1.1E+05	n		6.6E+00	
		1.0E-03 1.0E-03	X		V					1		1.7E+02 6.2E+03		~Dibenzofuran ~Furan	132-64-9 110-00-9	7.8E+01 7.8E+01	n	1.0E+03 1.0E+03	ns					3.7E+01 3.7E+01	n		6.8E-01 1.4E-02	
3.8E+00	H			3.0E-03	I	5.0E-02	H				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	4.5E-01 1.8E+03 1.1E+00	c	5.2E+01 1.8E+03 5.7E-03	n	2.2E+02 2.9E-02	n	1.8E-02 1.1E+02 4.5E-02	c		3.4E-05 2.3E-02 6.1E-05	
1.5E+00	C	4.3E-04	C								1	0.1		Furmecycloz Glufosinate, Ammonium Glutaraldehyde	60568-05-0 77182-82-2 111-30-8	1.6E+01 2.4E+01 1.1E+05	c	5.7E+01 2.5E+02 4.8E+05	c	2.8E-01	c	1.4E+00	n	2.2E+00 1.5E+01	c		2.4E-03 3.2E-03	
3.0E-02	I	8.6E-06	C	4.0E-04	I	8.0E-05	C				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	2.5E+02 6.2E+04 1.8E+03	n	1.0E+00	n	4.4E+00	n	1.5E+01 3.7E+03 1.1E+02	n	7.0E+02	2.9E-03 7.4E-01 8.8E+00	1.4E-01
4.5E+00	I	1.3E-03	I	5.0E-04	I						1	0.1		Guthion Haloxfop, Methyl Harmony	86-50-0 69806-40-2 79277-27-3	1.8E+02 3.1E+00 7.9E+02	n	1.8E+03 3.1E+01 8.0E+03	n	1.0E+01	n	4.4E+01	n	1.1E+02 1.8E+00 4.7E+02	n		3.3E-02 2.0E-02 1.4E-01	
9.1E+00	I	2.6E-03	I	1.3E-05	I	2.0E-03	I				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	c	3.8E-01 1.9E-01 1.2E+03	c	1.9E-03 9.4E-04	c	9.4E-03 4.7E-03	c	1.5E-02 7.4E-03 7.3E+01	c	4.0E-01 2.0E-01	1.2E-03 1.5E-04 4.2E-01	3.3E-02 4.1E-03
1.6E+00	I	4.6E-04	I	8.0E-04	I	1.0E-03	P				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	1.2E+02 1.1E+00 2.2E+01	n	5.3E-03 2.7E-02 1.1E-01	c	2.7E-02 2.3E-02 5.6E-01	c	4.2E-02 8.6E-01	n	1.0E+00	5.3E-04 1.7E-03	1.3E-02
6.3E+00	I	1.8E-03	I	8.0E-03	A						1	0.1		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	2.7E-01 9.6E-01 2.1E+00	c	1.4E-03 4.6E-03 7.8E-03	c	6.8E-03 2.3E-02 4.0E-02	c	1.1E-02 3.7E-02 6.1E-02	c	2.0E-01	6.2E-05 2.2E-04 3.6E-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 3.5E+01	c	9.6E-01 3.7E+03 1.2E+02	c	4.8E-03 2.1E-01 6.1E-01	c	2.4E-02 8.8E-01 3.1E+00	c	3.7E-02 2.2E+02 4.8E+00	c	5.0E+01	2.2E-04 6.8E-01 2.9E-03	1.6E-01
1.1E-01	I	3.0E-03	I	1.0E-05	I	V					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	1.8E+02 2.4E+01 1.4E+01	n	1.0E-02	n	4.4E-02	n	1.1E+01 6.1E-01 2.1E-02	n		1.5E+01 2.3E-04 2.1E-04	
		6.0E-02 2.0E+00 5.0E-03	H P I	7.0E-01 3.0E-02	I V						1	0.1	1.4E+02 3.3E+03	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	2.6E+03 1.2E+06 1.4E+03	ns	7.3E+02	n	3.1E+03	n	8.8E+02 7.3E+04 4.7E+01	n		6.2E+00 1.8E+01 1.1E-02	
3.0E+00	I	4.9E-03	I	3.0E-05	P						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	2.0E+04 9.5E-01 9.5E-01	n	5.0E-04 5.0E-04	c	2.5E-03 2.5E-03	c	1.2E+03 2.2E-02 2.2E-02	c		5.5E-01	
3.0E+00	I	4.9E-03	I	2.0E-02	I						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	1.2E+08 4.1E+04 1.2E+07	nm	2.1E+01 1.5E+01 2.1E+00	n	8.8E+01 6.1E+01 8.8E+00	n	1.5E+03	n			
6.0E-02	P	4.0E-02 1.3E-02 2.5E-01	P I I								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	2.9E+01 8.0E+03 1.5E+05	c					1.1E+00 4.7E+02 9.1E+03	n		7.6E-04 8.2E+00 4.5E+01	
		1.0E-02 4.0E-02 7.0E-01	A I P								1	0.1		Iodine Iprodione Iron	7553-56-2 36734-19-7 7439-89-6	7.8E+02 2.4E+03 5.5E+04	n	1.0E+04 2.5E+04 7.2E+05	n					3.7E+02 1.5E+03 2.6E+04	n		2.2E+01 4.5E-01 6.4E+02	
9.5E-04	I	3.0E-01 2.0E-01 1.5E-02	I I I	2.0E+00	C						1	0.1	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	3.1E+05 1.8E+03 9.2E+03	nms	2.1E+03	n	8.8E+03	n	1.1E+04 7.1E+01 5.5E+02	n		2.3E+00 2.3E-02 1.3E+01	
		1.0E-01 5.0E-02	I I	7.0E+00	C						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	4.2E+10 6.2E+04 3.1E+04	nm	7.3E+03	n	3.1E+04	n	3.7E+03 1.8E+03	n		7.9E-01 5.0E+00	
		7.5E-02 2.0E-03	I I	3.0E-01	A V						1	0.1		JP-7 Kerb Lactofen	NA 23950-58-5 77501-63-4	4.3E+08 4.6E+03 1.2E+02	nm	1.8E+09 4.6E+04 1.2E+03	nm	3.1E+02	n	1.3E+03	n	6.3E+02 2.7E+03 7.3E+01	n		2.8E+00 3.4E+00	
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	6.2E+00 8.0E+02	c	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	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	4.5E+01 6.2E-02 1.2E+03	c	2.2E-01	c	1.1E+00	c	1.8E+00 3.7E-03 7.3E+01	c		1.3E-05 6.4E-02	
		2.0E-03 2.0E-01 5.0E-04	P I I								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	2.0E+03 1.2E+05 3.1E+02	n					7.3E+01 7.3E+03 1.8E+01	n		2.2E+01 1.9E+00 4.7E-03	



Regional Screening Level (RSL) Summary Table June 2011

Toxicity and Chemical-specific Information													Contaminant		Screening Levels								Protection of Ground Water SSLs				
SFO (mg/kg-day) <sup>1</sup>	key	IUR (ug/m <sup>3</sup> ) <sup>1</sup>	key	RFDo <sub>a</sub>	key	RFCl <sub>1</sub> (mg/m <sup>3</sup> ) <sup>1</sup>	key	muta- gen	GIABS	ABS	C <sub>sat</sub> (mg/kg)	key	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident Air (ug/m <sup>3</sup> )	key	Industrial Air (ug/m <sup>3</sup> )	key	Tapwater (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)
1.0E-02	I												MCPB	94-81-5	6.1E+02	n	6.2E+03	n					3.7E+02	n		1.4E-01	
1.0E-03	I												MCPB	93-65-2	6.1E+01	n	6.2E+02	n					3.7E+01	n		1.1E-02	
2.0E-02	I												Malathion	121-75-5	1.2E+03	n	1.2E+04	n					7.3E+02	n		1.9E-01	
1.0E-01	I	7.0E-04	C										Maleic Anhydride	108-31-6	6.1E+03	n	6.1E+04	n	7.3E-01	n	3.1E+00	n	3.7E+03	n		7.4E-01	
5.0E-01	I												Maleic Hydrazide	123-33-1	3.1E+04	n	3.1E+05	nm					1.8E+04	n		3.8E+00	
1.0E-04	P												Malononitrile	109-77-3	6.1E+00	n	6.2E+01	n					3.7E+00	n		7.5E-04	
3.0E-02	H												Mancozeb	8018-01-7	1.8E+03	n	1.8E+04	n					1.1E+03	n		1.5E+00	
5.0E-03	I												Maneb	12427-38-2	3.1E+02	n	3.1E+03	n					1.8E+02	n		2.6E-01	
1.4E-01	I	5.0E-05	I										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	8.8E+02	n		5.7E+01	
9.0E-05	H												Mepfosfolan	950-10-7	5.5E+00	n	5.5E+01	n					3.3E+00	n		4.8E-03	
3.0E-02	I												Mepiquat Chloride	24307-26-4	1.8E+03	n	1.8E+04	n					1.1E+03	n		3.6E-01	
3.0E-04	I	3.0E-05	C						0.07				<b>Mercury Compounds</b>														
		3.0E-04	I	V							3.1E+00		~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	1.1E+01	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												~Methyl Mercury	22967-92-6	7.8E+00	n	1.0E+02	n					3.7E+00	n			
8.0E-05	I												~Phenylmercuric Acetate	62-38-4	4.9E+00	n	4.9E+01	n					2.9E+00	n		9.1E-04	
3.0E-05	I												Merphos	150-50-5	1.8E+00	n	1.8E+01	n					1.1E+00	n		1.1E-01	
3.0E-05	I												Merphos Oxide	78-48-8	1.8E+00	n	1.8E+01	n					1.1E+00	n		5.4E-03	
6.0E-02	I												Metalaxyl	57837-19-1	3.7E+03	n	3.7E+04	n					2.2E+03	n		6.1E-01	
1.0E-04	I	7.0E-04	H	V							4.6E+03		Methacrylonitrile	126-98-7	3.2E+00	n	1.8E+01	n	7.3E-01	n	3.1E+00	n	1.0E+00	n		2.4E-04	
5.0E-05	I												Methamidophos	10265-92-6	3.1E+00	n	3.1E+01	n					1.8E+00	n		3.8E-04	
5.0E-01	I	4.0E+00	C										Methanol	67-56-1	3.1E+04	n	3.1E+05	nm	4.2E+03	n	1.8E+04	n	1.8E+04	n		3.7E+00	
1.0E-03	I												Methidathion	950-37-8	6.1E+01	n	6.2E+02	n					3.7E+01	n		8.9E-03	
2.5E-02	I												Methomyl	16752-77-5	1.5E+03	n	1.5E+04	n					9.1E+02	n		2.0E-01	
4.9E-02	C	1.4E-05	C										Methoxy-5-nitroaniline, 2-	99-59-2	9.9E+00	c	3.5E+01	c	1.7E-01	c	8.8E-01	c	1.4E+00	c		4.7E-04	
													Methoxychlor	72-43-5	3.1E+02	n	3.1E+03	n					1.8E+02	n	4.0E+01	9.9E+00	2.2E+00
8.0E-03	P	1.0E-03	P										Methoxyethanol Acetate, 2-	110-49-6	4.9E+02	n	4.9E+03	n	1.0E+00	n	4.4E+00	n	2.9E+02	n		6.0E-02	
5.0E-03	P	2.0E-02	I										Methoxyethanol, 2-	109-86-4	3.1E+02	n	3.1E+03	n	2.1E+01	n	8.8E+01	n	1.8E+02	n		3.7E-02	
1.0E+00	X										2.9E+04		Methyl Acetate	79-20-9	7.8E+04	ns	1.0E+06	nms					3.7E+04	n		7.5E+00	
3.0E-02	H												Methyl Acrylate	96-33-3	2.3E+03	n	3.1E+04	ns					1.1E+03	n		2.3E-01	
6.0E-01	I	5.0E+00	I	V									Methyl Ethyl Ketone (2-Butanone)	78-93-3	2.8E+04	n	2.0E+05	nms	5.2E+03	n	2.2E+04	n	7.1E+03	n		1.5E+00	
1.0E-03	X												Methyl Hydrazine	60-34-4	6.1E+01	n	6.1E+02	n	2.4E-03	c**	1.2E-02	c**	3.7E+01	n		8.3E-03	
8.0E-02	H	3.0E+00	I	V									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	2.0E+03	n		4.5E-01	
1.4E+00	I	7.0E-01	I	V									Methyl Isocyanate	624-83-9	1.4E+06	nm	6.0E+06	nm	1.0E+00	n	4.4E+00	n				3.1E-01	
													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			
2.5E-04	I												Methyl Parathion	298-00-0	1.5E+01	n	1.5E+02	n					9.1E+00	n		1.5E-02	
6.0E-02	X												Methyl Phosphonic Acid	993-13-5	3.7E+03	n	3.7E+04	n					2.2E+03	n		4.4E-01	
6.0E-03	H	4.0E-02	H	V									Methyl Styrene (Mixed Isomers)	25013-15-4	2.5E+02	n	1.6E+03	ns	4.2E+01	n	1.8E+02	n	6.0E+01	n		9.7E-02	
9.9E-02	C	2.8E-05	C										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										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	
													Methyl-1,4-benzenediamine dihydrochloride, 2-	615-45-2	1.2E+01	n	1.2E+02	n					7.3E+00	n			
9.0E-03	P												Methyl-5-Nitroaniline, 2-	99-55-8	5.4E+01	c*	1.9E+02	c*					7.5E+00	c*		4.2E-03	
8.3E+00	C	2.4E-03	C										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										Methylaniline Hydrochloride, 2-	636-21-5	3.7E+00	c	1.3E+01	c	6.6E-02	c	3.3E-01	c	5.2E-01	c		2.2E-04	
													Methylarsonic acid	124-58-3	6.1E+02	n	6.2E+03	n					3.7E+02	n			
													Methylbenzene,1,4-diamine monohydrochloride, 2-	74612-12-7	1.2E+01	n	1.2E+02	n					7.3E+00	n			
													Methylbenzene-1,4-diamine sulfate, 2-	615-50-9	1.2E+01	n	1.2E+02	n					7.3E+00	n			
2.2E+01	C	6.3E-03	C										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	5.0E+00	1.9E-03	1.3E-03
7.5E-03	I	4.7E-07	I										Methylene Chloride	75-09-2	1.1E+01	c	5.3E+01	c	5.2E+00	c	2.6E+01	c	4.8E+00	c		1.2E-03	
1.0E-01	P	4.3E-04	C										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	2.2E-01	c		2.5E-03	
4.6E-02	I	1.3E-05	C										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	1.5E+00	c		8.1E-03	
1.6E+00	C	4.6E-04	C										Methylenedibisbenzenamine, 4,4'-	101-77-9	3.0E-01	c	1.1E+00	c	5.3E-03	c	2.7E-02	c	4.2E-02	c		1.9E-04	
													Methylenediphenyl Diisocyanate	101-68-8	8.5E+05	nm	3.6E+06	nm	6.3E-01	n	2.6E+00	n					
													Methylstyrene, Alpha-	98-83-9	5.5E+												

Regional Screening Level (RSL) Summary Table June 2011

Toxicity and Chemical-specific Information													Contaminant		Screening Levels								Protection of Ground Water SSLs				
SFO (mg/kg-day) <sup>-1</sup>	key	IUR (ug/m <sup>3</sup> ) <sup>-1</sup>	key	RFD <sub>a</sub> (mg/kg-day)	key	RfC <sub>1</sub> (mg/m <sup>3</sup> )	key	Vo (mg/kg-day)	muta- gen	GIABS	ABS	C <sub>sat</sub> (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident Air (ug/m <sup>3</sup> )	key	Industrial Air (ug/m <sup>3</sup> )	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	1.8E+02	n			
1.8E+00	C	0.0E+00	C	1.0E-01	I					1	0.1		Naphthylamine, 2-	91-59-8	2.7E-01	c	9.6E-01	c					3.7E-02	c		1.9E-04	
		5.0E-02	C	5.0E-05	C					0.04			Napropamide	15299-99-7	6.1E+03	n	6.2E+04	n					3.7E+03	n		2.4E+01	
		5.0E-02	C	1.0E-04	C					1			Nickel Carbonyl	13463-39-3	3.7E+03	n	4.4E+04	n	5.2E-02	n	2.2E-01	n	1.8E+03	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	1.8E+03	n			
		2.4E-04	I	5.0E-02	C	5.0E-05	C			0.04			Nickel Refinery Dust	NA	3.7E+03	n	4.4E+04	n	1.0E-02	c**	5.1E-02	c**	1.8E+03	n		2.7E+02	
		2.6E-04	C	2.0E-02	I	9.0E-05	A			0.04			Nickel Soluble Salts	7440-02-0	1.5E+03	n	2.0E+04	n	9.4E-03	c*	4.7E-02	c**	7.3E+02	n		4.8E+01	
1.7E+00	C	4.8E-04	I	5.0E-02	C	5.0E-05	C			0.04			Nickel Subulfide	12035-72-2	3.8E-01	c	1.7E+00	c	5.1E-03	c*	2.6E-02	c**	4.0E-02	c			
		1.6E+00	I							1			Nitrate	14797-55-8	1.3E+05	nm	1.6E+06	nm					5.8E+04	n	1.0E+04		
		1.0E-01	I							1			Nitrite	14797-65-0	7.8E+03	n	1.0E+05	nm					3.7E+03	n			
2.0E-02	P			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	3.7E-02	n		1.5E-01	
		4.0E-05	I	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	3.4E+00	c*		1.4E-03	
				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	
1.3E+00	C	3.7E-04	C	3.0E+03	P					1	0.1		Nitrocellulose	9004-70-0	1.8E+08	nm	1.8E+09	nm					1.1E+08	n		2.4E+04	
				7.0E-02	H					1	0.1		Nitrofurantoin	67-20-9	4.3E+03	n	4.3E+04	n					2.6E+03	n		1.1E+00	
										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		4.7E-05	
1.7E-02	P			1.0E-04	P					1	0.1		Nitroglycerin	55-63-0	6.1E+00	n	6.2E+01	n					3.7E+00	n		1.6E-03	
				1.0E-01	I					1	0.1		Nitroguanidine	556-88-7	6.1E+03	n	6.2E+04	n					3.7E+03	n		8.8E-01	
		9.0E-06	P	2.0E-02	P	V				1		1.8E+04	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	2.7E-03	H			2.0E-02	I	V		4.9E+03	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	8.0E-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		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		5.0E-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	9.6E-03	c		7.2E-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		4.9E-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		5.3E-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	1.4E+01	c		7.5E-02	
2.2E+01	I	6.3E-03	C							1	0.1		Nitrosomethylthylamine, N-	10595-95-6	2.2E-02	c	7.8E-02	c	3.9E-04	c	1.9E-03	c	3.1E-03	c		8.8E-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	7.2E-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					3.7E+00	n		3.4E-03	
		9.0E-04	P							V		1.5E+03	Nitrotoluene, o-	88-72-2	2.9E+00	c*	1.3E+01	c*					3.1E-01	c		2.9E-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*					4.2E+00	c*		3.9E-03	
		3.0E-04	X	2.0E-01	P	V				1	0.1	6.9E+00	Nonane, n-	111-84-2	2.1E+01	ns	2.3E+02	ns	2.1E+02	n	8.8E+02	n	1.1E+01	n		1.5E-01	
		4.0E-02	I							1	0.1		Norflurazon	27314-13-2	2.4E+03	n	2.5E+04	n					1.5E+03	n		9.4E+00	
		7.0E-04	I							1	0.1		Nustar	85509-19-9	4.3E+01	n	4.3E+02	n					2.6E+01	n		4.1E+00	
		3.0E-03	I							1	0.1		Octabromodiphenyl Ether	32536-52-0	1.8E+02	n	1.8E+03	n					1.1E+02	n		2.2E+01	
		5.0E-02	I							1	0.006		Octahydro-1,3,5,7-tetrahydro-1,3,5,7-tetra (HMX)	2691-41-0	3.8E+03	n	4.9E+04	n					1.8E+03	n		2.3E+00	
		2.0E-03	H							1	0.1		Octamethylpyrophosphoramide	152-16-9	1.2E+02	n	1.2E+03	n					7.3E+01	n		1.8E-02	
		5.0E-02	I							1	0.1		Oryzalin	19044-88-3	3.1E+03	n	3.1E+04	n					1.8E+03	n		3.4E+00	
		5.0E-03	I							1	0.1		Oxadiazon	19666-30-9	3.1E+02	n	3.1E+03	n					1.8E+02	n		1.9E+00	
		2.5E-02	I							1	0.1		Oxamyl	23135-22-0	1.5E+03	n	1.5E+04	n					9.1E+02	n	2.0E+02	2.0E-01	4.4E-02
		1.3E-02	I							1	0.1		Paclitaxel	76738-62-0	7.9E+02	n	8.0E+03	n					4.7E+02	n		9.7E-01	
		4.5E-03	I							1	0.1		Paraquat Dichloride	1910-42-5	2.7E+02	n	2.8E+03	n					1.6E+02	n		2.3E+00	
		6.0E-03	H							1	0.1		Parathion	56-38-2	3.7E+02	n	3.7E+03	n					2.2E+02	n		1.1E+00	
		5.0E-02	H							1	0.1		Pebulate	1114-71-2	3.1E+03	n	3.1E+04	n					1.8E+03	n		1.5E+00	
		4.0E-02	I							1	0.1		Pendimethalin	40487-42-1	2.4E+03	n	2.5E+04	n					1.5E+03	n		1.7E+01	
		2.0E-03	I							1	0.1		Pentabromodiphenyl Ether	32534-81-9	1.2E+02	n	1.2E+03	n					7.3E+01	n		3.2E+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					3.7E+00	n		1.6E-01	
		8.0E-04	I							1	0.1		Pentachlorobenzene	608-93-5	4.9E+01	n	4.9E+02	n									



Regional Screening Level (RSL) Summary Table June 2011

Toxicity and Chemical-specific Information															Contaminant		Screening Levels								Protection of Ground Water SSLs		
SFO (mg/kg-day) <sup>-1</sup>	ke y	IUR (ug/m <sup>3</sup> ) <sup>-1</sup>	ke y	RFD <sub>o</sub> (mg/kg-day)	ke y	RfC <sub>i</sub> (mg/m <sup>3</sup> ) <sup>-1</sup>	ke y	vo c	muta- gen	GIABS	ABS	C <sub>sat</sub> (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident Air (ug/m <sup>3</sup> )	key	Industrial Air (ug/m <sup>3</sup> )	key	Tapwater (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (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					9.1E+03	n		4.9E+01	
		3.0E-01	I							1	0.1		Phenol	108-95-2	1.8E+04	n	1.8E+05	nm	2.1E+02	n	8.8E+02	n	1.1E+04	n		6.3E+00	
		5.0E-04	X							1	0.1		Phenothiazine	92-84-2	3.1E+01	n	3.1E+02	nm					1.8E+01	n			
4.7E-02	H	6.0E-03	I							1	0.1		Phenylenediamine, m-	108-45-2	3.7E+02	n	3.7E+03	n					2.2E+02	n		5.9E-02	
										1	0.1		Phenylenediamine, o-	95-54-5	1.0E+01	c	3.7E+01	c					1.4E+00	c		1.4E-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					6.9E+03	n		1.9E+00	
		2.0E-04	H							1	0.1		Phenylphenol, 2-	90-43-7	2.5E+02	c	8.9E+02	c					3.5E+01	c		4.7E-01	
										1	0.1	1.6E+03	Phorate	298-02-2	1.2E+01	n	1.2E+02	n					7.3E+00	n		8.2E-03	
		2.0E-02	I	3.0E-04	I	V				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					7.3E+02	n		1.6E-01	
		4.9E+01	P							1			Phosphates, Inorganic														
		4.9E+01	P							1			~Aluminum metaphosphate	13776-88-0	3.8E+06	nm	5.0E+07	nm					1.8E+06	n			
		4.9E+01	P							1			~Ammonium polyphosphate	68333-79-9	3.8E+06	nm	5.0E+07	nm					1.8E+06	n			
		4.9E+01	P							1			~Calcium pyrophosphate	7790-76-3	3.8E+06	nm	5.0E+07	nm					1.8E+06	n			
		4.9E+01	P							1			~Diammonium phosphate	7783-28-0	3.8E+06	nm	5.0E+07	nm					1.8E+06	n			
		4.9E+01	P							1			~Dicalcium phosphate	7757-93-9	3.8E+06	nm	5.0E+07	nm					1.8E+06	n			
		4.9E+01	P							1			~Dimagnesium phosphate	7782-75-4	3.8E+06	nm	5.0E+07	nm					1.8E+06	n			
		4.9E+01	P							1			~Dipotassium phosphate	7758-11-4	3.8E+06	nm	5.0E+07	nm					1.8E+06	n			
		4.9E+01	P							1			~Disodium phosphate	7558-79-4	3.8E+06	nm	5.0E+07	nm					1.8E+06	n			
		4.9E+01	P							1			~Monoaluminum phosphate	13530-50-2	3.8E+06	nm	5.0E+07	nm					1.8E+06	n			
		4.9E+01	P							1			~Monoammonium phosphate	7722-76-1	3.8E+06	nm	5.0E+07	nm					1.8E+06	n			
		4.9E+01	P							1			~Monocalcium phosphate	7758-23-8	3.8E+06	nm	5.0E+07	nm					1.8E+06	n			
		4.9E+01	P							1			~Monomagnesium phosphate	7757-86-0	3.8E+06	nm	5.0E+07	nm					1.8E+06	n			
		4.9E+01	P							1			~Monopotassium phosphate	7778-77-0	3.8E+06	nm	5.0E+07	nm					1.8E+06	n			
		4.9E+01	P							1			~Monosodium phosphate	7558-80-7	3.8E+06	nm	5.0E+07	nm					1.8E+06	n			
		4.9E+01	P							1			~Polyphosphoric acid	8017-16-1	3.8E+06	nm	5.0E+07	nm					1.8E+06	n			
		4.9E+01	P							1			~Potassium triphosphate	13845-36-8	3.8E+06	nm	5.0E+07	nm					1.8E+06	n			
		4.9E+01	P							1			~Sodium acid pyrophosphate	7758-16-9	3.8E+06	nm	5.0E+07	nm					1.8E+06	n			
		4.9E+01	P							1			~Sodium aluminum phosphate (acidic)	7785-88-8	3.8E+06	nm	5.0E+07	nm					1.8E+06	n			
		4.9E+01	P							1			~Sodium aluminum phosphate (anhydrous)	10279-59-1	3.8E+06	nm	5.0E+07	nm					1.8E+06	n			
		4.9E+01	P							1			~Sodium aluminum phosphate (tetrahydrate)	10305-76-7	3.8E+06	nm	5.0E+07	nm					1.8E+06	n			
		4.9E+01	P							1			~Sodium hexametaphosphate	10124-56-8	3.8E+06	nm	5.0E+07	nm					1.8E+06	n			
		4.9E+01	P							1			~Sodium polyphosphate	68915-31-1	3.8E+06	nm	5.0E+07	nm					1.8E+06	n			
		4.9E+01	P							1			~Sodium trimetaphosphate	7785-84-4	3.8E+06	nm	5.0E+07	nm					1.8E+06	n			
		4.9E+01	P							1			~Sodium triphosphate	7758-29-4	3.8E+06	nm	5.0E+07	nm					1.8E+06	n			
		4.9E+01	P							1			~Tetrapotassium phosphate	7320-34-5	3.8E+06	nm	5.0E+07	nm					1.8E+06	n			
		4.9E+01	P							1			~Tetrasodium pyrophosphate	7722-88-5	3.8E+06	nm	5.0E+07	nm					1.8E+06	n			
		4.9E+01	P							1			~Trialuminum sodium tetra decahydrogenoctaorthophosphate (dihydrate)	15136-87-5	3.8E+06	nm	5.0E+07	nm					1.8E+06	n			
		4.9E+01	P							1			~Tricalcium phosphate	7758-87-4	3.8E+06	nm	5.0E+07	nm					1.8E+06	n			
		4.9E+01	P							1			~Trimagnesium phosphate	7757-87-1	3.8E+06	nm	5.0E+07	nm					1.8E+06	n			
		4.9E+01	P							1			~Tripotassium phosphate	7778-53-2	3.8E+06	nm	5.0E+07	nm					1.8E+06	n			
		4.9E+01	P							1			~Trisodium phosphate	7601-54-9	3.8E+06	nm	5.0E+07	nm					1.8E+06	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	1.1E+01	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+00	n	1.8E+06	n			
		2.0E-05	I							1			Phosphorus, White	7723-14-0	1.6E+00	n	2.0E+01	n					7.3E-01	n		2.7E-03	
		1.0E+00	H							1	0.1		Phthalic Acid, P-	100-21-0	6.1E+04	n	6.2E+05	nm					3.7E+04	n		1.3E+01	
		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	7.3E+04	n		1.6E+01	
		7.0E-02	I							1	0.1		Picloram	1918-02-1	4.3E+03	n	4.3E+04	n					2.6E+03	n	5.0E+02	7.1E-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					3.7E+00	n		2.4E-03	
		1.0E-02	I							1	0.1		Pirimiphos, Methyl	29232-93-7	6.1E+02	n	6.2E+03	n					3.7E+02	n		3.5E-01	
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	c	2.2E-03	c			
		7.0E-02	S	2.0E-05	S	7.0E-05	I			1	0.14		Polychlorinated Biphenyls (PCBs)														
		2.0E+00	S	5.7E-04	S					1	0.14	7.6E+02	~Aroclor 1221	11104-28-2	1.4E-01	c	5.4E-01	c	4.3E-03	c	2.1E-02	c	9.6E-01	c**		9.2E-02	
		2.0E+00	S	5.7E-04	S					1	0.14	7.3E+01	~Aroclor 1232	11141-16-5	1.4E-01	c	5.4E-01	c	4.3E-03	c	2.1E-02	c	6.8E-03	c		1.2E-04	
		2.0E+00	S	5.7E-04	S					1	0.14		~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					1	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 June 2011

Toxicity and Chemical-specific Information													Contaminant		Screening Levels								Protection of Ground Water SSLs				
SFO (mg/kg-day) <sup>-1</sup>	key	IUR (ug/m <sup>3</sup> ) <sup>-1</sup>	key	RFDo (mg/kg-day)	key	RFCl (mg/m <sup>3</sup> ) <sup>-1</sup>	key	Vo	muta-gen	GIABS	ABS	Csat (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident Air (ug/m <sup>3</sup> )	key	Industrial Air (ug/m <sup>3</sup> )	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-	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',5-	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-	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-	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-	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-02	I					1	0.13		Polymeric Methylene Diphenyl Diisocyanate (PMDI)	9016-87-9	8.5E+05	nm	3.6E+06	nm	6.3E-01	n	2.6E+00	n					
				3.0E-01	I					1	0.13		<b>Polynuclear Aromatic Hydrocarbons (PAHs)</b>														
										1	0.13		~Acenaphthene	83-32-9	3.4E+03	n	3.3E+04	n					2.2E+03	n		2.2E+01	
										1	0.13		~Anthracene	120-12-7	1.7E+04	n	1.7E+05	nm					1.1E+04	n		3.6E+02	
7.3E-01	E	1.1E-04	C						M	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	
1.2E+00	C	1.1E-04	C							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		~Dibenzo[a,e]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					1.5E+03	n		1.6E+02	
				4.0E-02	I					1	0.13		~Fluorene	86-73-7	2.3E+03	n	2.2E+04	n					1.5E+03	n		2.7E+01	
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					1	0.13	3.9E+02	~Methylnaphthalene, 1-	90-12-0	2.2E+01	c	9.9E+01	c					2.3E+00	c		1.2E-02	
				4.0E-03	I					1	0.13	3.7E+02	~Methylnaphthalene, 2-	91-57-6	3.1E+02	n	4.1E+03	ns					1.5E+02	n		7.5E-01	
		3.4E-05	C	2.0E-02	I	3.0E-03	I	V		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	
1.2E+00	C	1.1E-04	C							1	0.13		~Nitropyrene, 4-	57835-92-4	3.8E-01	c	1.3E+00	c	2.2E-02	c	1.1E-01	c	5.6E-02	c		9.7E-03	
				3.0E-02	I					1	0.13		~Pyrene	129-00-0	1.7E+03	n	1.7E+04	n					1.1E+03	n		1.2E+02	
1.5E-01	I			9.0E-03	I					1	0.1		Prochloraz	67747-09-5	3.2E+00	c	1.1E+01	c					4.5E-01	c		2.3E-03	
				6.0E-03	H					1	0.1		Profuralin	26399-36-0	3.7E+02	n	3.7E+03	n					2.2E+02	n		1.3E+01	
				1.5E-02	I					1	0.1		Prometon	1610-18-0	9.2E+02	n	9.2E+03	n					5.5E+02	n		2.6E-01	
				4.0E-03	I					1	0.1		Prometryn	7287-19-6	2.4E+02	n	2.5E+03	n					1.5E+02	n		2.2E-01	
				1.3E-02	I					1	0.1		Propachlor	1918-16-7	7.9E+02	n	8.0E+03	n					4.7E+02	n		2.9E-01	
				5.0E-03	I					1	0.1		Propanil	709-98-8	3.1E+02	n	3.1E+03	n					1.8E+02	n		1.0E-01	
				2.0E-02	I					1	0.1		Propargite	2312-35-8	1.2E+03	n	1.2E+04	n					7.3E+02	n		5.4E+01	
				2.0E-03	I					1	0.1		Propargyl Alcohol	107-19-7	1.2E+02	n	1.2E+03	n					7.3E+01	n		1.5E-02	
				2.0E-02	I					1	0.1		Propazine	139-40-2	1.2E+03	n	1.2E+04	n					7.3E+02	n		6.5E-01	
				2.0E-02	I					1	0.1		Propham	122-42-9	1.2E+03	n	1.2E+04	n					7.3E+02	n		4.7E-01	
				1.3E-02	I					1	0.1		Propiconazole	60207-90-1	7.9E+02	n	8.0E+03	n					4.7E+02	n		1.6E+00	
						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	V		1	0.1	2.6E+02	Propyl benzene	103-65-1	3.4E+03	ns	2.1E+04	ns	1.0E+03	n	4.4E+03	n	1.3E+03	n		2.5E+00	
				3.0E+00	C					1	0.1		Propylene	115-07-1	4.3E+09	nm	1.8E+10	nm	3.1E+03	n	1.3E+04	n					
				2.0E+01	P					1	0.1		Propylene Glycol	57-55-6	1.2E+06	nm	1.2E+07	nm					7.3E+05	n		1.5E+02	
				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					2.6E+04	n		5.2E+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	2.6E+04	n		5.2E+00	
2.4E-01	I	3.7E-06	I							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		4.9E-05	
				2.5E-01	I					1	0.1		Pursuit	81335-77-5	1.5E+04	n	1.5E+05	nm					9.1E+03	n		8.0E+00	
				2.5E-02	I					1	0.1		Pydrin	51630-58-1	1.5E+03	n	1.5E+04	n					9.1E+02	n		5.8E+02	
				1.0E-03	I					1		5.3E+05	Pyridine	110-86-1													

Regional Screening Level (RSL) Summary Table June 2011

Toxicity and Chemical-specific Information													Contaminant		Screening Levels								Protection of Ground Water SSLs				
SFO (mg/kg-day) <sup>1</sup>	ke y	IUR (ug/m <sup>3</sup> ) <sup>1</sup>	ke y	RFDo (mg/kg-day)	ke y	RFCl (mg/m <sup>3</sup> ) <sup>1</sup>	ke y	Vo c	muta- gen	GIABS	ABS	Csat (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident Air (ug/m <sup>3</sup> )	key	Industrial Air (ug/m <sup>3</sup> )	key	Tapwater (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)
		5.0E-03											Silver	7440-22-4	3.9E+02	n	5.1E+03	n					1.8E+02	n		1.6E+00	
1.2E-01	H	5.0E-03									0.1		Simazine	122-34-9	4.1E+00	c*	1.4E+01	c					5.6E-01	c	4.0E+00	2.8E-04	2.0E-03
		1.3E-02											Sodium Acifluorfen	62476-59-9	7.9E+02	n	8.0E+03	n					4.7E+02	n		3.8E+00	
		4.0E-03											Sodium Azide	26628-22-8	3.1E+02	n	4.1E+03	n					1.5E+02	n			
2.7E-01	H	3.0E-02									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									Sodium Fluoride	7681-49-4	3.9E+03	n	5.1E+04	n	1.4E+01	n	5.7E+01	n	1.8E+03	n			
		2.0E-05									0.1		Sodium Fluoroacetate	62-74-8	1.2E+00	n	1.2E+01	n					7.3E-01	n		1.5E-04	
2.4E-02	H	1.0E-03											Sodium Metavanadate	13718-26-8	7.8E+01	n	1.0E+03	n					3.7E+01	n			
		3.0E-02									0.1		Stirofos (Tetrachlorovinphos)	961-11-5	2.0E+01	c*	7.2E+01	c					2.8E+00	c		8.3E-03	
		6.0E-01											Strontium, Stable	7440-24-6	4.7E+04	n	6.1E+05	nm					2.2E+04	n		7.7E+02	
		3.0E-04									0.1		Strychnine	57-24-9	1.8E+01	n	1.8E+02	n					1.1E+01	n		1.2E-01	
		2.0E-01		1.0E+00								8.7E+02	Styrene	100-42-5	6.3E+03	ns	3.6E+04	ns	1.0E+03	n	4.4E+03	n	1.6E+03	n	1.0E+02	1.8E+00	1.1E-01
		8.0E-04	P										Sulfonylbis(4-chlorobenzene), 1,1'-	80-07-9	4.9E+01	n	4.9E+02	n					2.9E+01	n		1.7E-01	
		2.5E-02				1.0E-03							Sulfuric Acid	7664-93-9	1.4E+06	nm	6.0E+06	nm	1.0E+00	n	4.4E+00	n					
		3.0E-02	H								0.1		Systhane	88671-89-0	1.5E+03	n	1.5E+04	n					9.1E+02	n		1.1E+01	
		3.0E-02											TCMTB	21564-17-0	1.8E+03	n	1.8E+04	n					1.1E+03	n		7.6E+00	
		7.0E-02											Tebuthiuron	34014-18-1	4.3E+03	n	4.3E+04	n					2.6E+03	n		7.3E-01	
		2.0E-02	H										Temephos	3383-96-8	1.2E+03	n	1.2E+04	n					7.3E+02	n		1.4E+02	
		1.3E-02											Terbacil	5902-51-2	7.9E+02	n	8.0E+03	n					4.7E+02	n		1.4E-01	
		2.5E-05	H										Terbufos	13071-79-9	1.5E+00	n	1.5E+01	n					9.1E-01	n		2.0E-03	
		1.0E-03											Terbutryn	886-50-0	6.1E+01	n	6.2E+02	n					3.7E+01	n		5.2E-02	
		1.0E-04											Tetrabromodiphenyl ether, 2,2',4,4'- (BDE-47)	5436-43-1	6.1E+00	n	6.2E+01	n					3.7E+00	n		9.7E-02	
		3.0E-04											Tetrachlorobenzene, 1,2,4,5-	95-94-3	1.8E+01	n	1.8E+02	n					1.1E+01	n		5.1E-02	
2.6E-02	I	7.4E-06	I	3.0E-02								6.8E+02	Tetrachloroethane, 1,1,1,2-	630-20-6	1.9E+00	c	9.3E+00	c	3.3E-01	c	1.7E+00	c	5.2E-01	c		2.0E-04	
2.0E-01	I	5.8E-05	C	2.0E-02								1.9E+03	Tetrachloroethane, 1,1,2,2-	79-34-5	5.6E-01	c	2.8E+00	c	4.2E-02	c	2.1E-01	c	6.7E-02	c		2.6E-05	
5.4E-01	C	5.9E-06	C	1.0E-02		2.7E-01	A	V				1.7E+02	Tetrachloroethylene	127-18-4	5.5E-01	c	2.6E+00	c	4.1E-01	c	2.1E+00	c	1.1E-01	c	5.0E+00	4.9E-05	2.3E-03
		3.0E-02									0.1		Tetrachlorophenol, 2,3,4,6-	58-90-2	1.8E+03	n	1.8E+04	n					1.1E+03	n		6.7E+00	
2.0E+01	H												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											Tetraethyl Dithiopyrophosphate	3689-24-5	3.1E+01	n	3.1E+02	n					1.8E+01	n		1.3E-02	
		4.0E-03	P			8.0E+01	I	V				1.1E+03	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	
		1.0E-05	X										Tetryl (Trinitrophenylmethylnitramine)	479-45-8	2.4E+02	n	2.5E+03	n					1.5E+02	n		1.4E+00	
		1.0E-02											Thallium (Soluble Salts)	7440-28-0	7.8E-01	n	1.0E+01	n					3.7E-01	n	2.0E+00	2.6E-02	1.4E-01
		1.0E-02											Thiobencarb	28249-77-6	6.1E+02	n	6.2E+03	n					3.7E+02	n		1.3E+00	
		7.0E-02	X								0.008		Thiodiglycol	111-48-8	5.4E+03	n	6.8E+04	n					2.6E+03	n		5.2E-01	
		3.0E-04	H										Thiofanox	39196-18-4	1.8E+01	n	1.8E+02	n					1.1E+01	n		3.8E-03	
		8.0E-02											Thiophanate, Methyl	23564-05-8	4.9E+03	n	4.9E+04	n					2.9E+03	n		2.5E+00	
		5.0E-03											Thiram	137-26-8	3.1E+02	n	3.1E+03	n					1.8E+02	n		2.6E-01	
		6.0E-01	H										Tin	7440-31-5	4.7E+04	n	6.1E+05	nm					2.2E+04	n		5.5E+03	
		8.0E-02	I	5.0E+00		1.0E-04	A					8.2E+02	Titanium Tetrachloride	7550-45-0	1.4E+05	nm	6.0E+05	nm	1.0E-01	n	4.4E-01	n					
		1.8E-01	X	1.0E-04	X							0.1	Toluene	108-88-3	5.0E+03	ns	4.5E+04	ns	5.2E+03	n	2.2E+04	n	2.3E+03	n	1.0E+03	1.6E+00	6.9E-01
1.9E-01	H												Toluene-2,5-diamine	95-70-5	2.7E+00	c**	9.6E+00	c**					3.7E-01	c**		1.2E-04	
1.1E+00	I	3.2E-04	I										Toluidine, p-	106-49-0	2.6E+00	c	9.1E+00	c					3.5E-01	c		1.5E-04	
													Toxaphene	8001-35-2	4.4E-01	c	1.6E+00	c	7.6E-03	c	3.8E-02	c	6.1E-02	c	3.0E+00	9.4E-03	4.6E-01
		7.5E-03											Tralometrin	66841-25-6	4.6E+02	n	4.6E+03	n					2.7E+02	n		1.0E+02	
		3.0E-04	A										Tri-n-butyltin	688-73-3	1.8E+01	n	1.8E+02	n					1.1E+01	n		2.4E-01	
		1.3E-02											Triallate	2303-17-5	7.9E+02	n	8.0E+03	n					4.7E+02	n		1.1E+00	
		1.0E-02											Triasulfuron	82097-50-5	6.1E+02	n	6.2E+03	n					3.7E+02	n		3.8E-01	
		5.0E-03											Tribromobenzene, 1,2,4-	615-54-3	3.1E+02	n	3.1E+03	n					1.8E+02	n		2.6E-01	
9.0E-03	P	1.0E-02	P										Tributyl Phosphate	126-73-8	5.4E+01	c*	1.9E+02	c*					7.5E+00	c*		3.7E-02	
		3.0E-04	P										Tributyltin Compounds	NA	1.8E+01	n	1.8E+02	n					1.1E+01	n			
		3.0E-04											Tributyltin Oxide	56-35-9	1.8E+01	n	1.8E+02	n					1.1E+01	n		5.7E+02	
		3.0E+01	I	3.0E+01	H	V						9.1E+02	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	5.9E+04	n		1.5E+02	
		2.9E-02	H										Trichloroacetic Acid	76-03-9	1.7E+01	c	5.9E+01	c					2.3E+00	c	6.0E+01	6.4E-03	1.2E-02
7.0E-03	X			3.0E-05	X								Trichloroaniline HCl, 2,4,6-	33663-50-2	1.8E+00	n	1.8E+01	n					1.1E+00	n		9.9E-03	
													Trichloroaniline, 2,4,6-	634-93-5	4.9E+01</												

Regional Screening Level (RSL) Summary Table June 2011

Toxicity and Chemical-specific Information													Contaminant		Screening Levels								Protection of Ground Water SSLs				
SFO (mg/kg-day) <sup>-1</sup>	key	IUR (ug/m <sup>3</sup> ) <sup>-1</sup>	key	RFDo (mg/kg-day)	key	RFCl (mg/m <sup>3</sup> )	key	Vo	muta- gen	GIABS	ABS	Csat (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident Air (ug/m <sup>3</sup> )	key	Industrial Air (ug/m <sup>3</sup> )	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	3.0E-04	I	V	M	1		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	1.8E+02 7.2E-04	n c		7.1E-02 3.1E-07	
				3.0E-03 3.0E-03	X I	3.0E-04	P I	V		1	0.1	4.5E+02 2.8E+04	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 1.1E+02 1.5E+01	n n n		3.1E-04 7.8E-01 4.4E-03	
7.7E-03 2.0E-02	I P			7.5E-03 1.0E-02	I P					1	0.1		Trifluralin Trimethyl Phosphate Trimethylbenzene, 1,2,3-	1582-09-8 512-56-1 526-73-8	6.3E+01 2.4E+01 7.1E+06	c** c* nm	2.2E+02 8.6E+01 3.0E+07	c* c* nm	5.2E+00	n	2.2E+01	n	8.7E+00 3.4E+00 1.0E+01	c* c n		2.9E-01 7.4E-04	
						5.0E-03	P	V		1	0.1	2.2E+02	Trimethylbenzene, 1,2,4-	95-63-6	6.2E+01	n	2.6E+02	ns	7.3E+00	n	3.1E+01	n	1.5E+01	n		2.1E-02	
				1.0E-02 3.0E-02	X I			V		1	0.019	1.8E+02	Trimethylbenzene, 1,3,5- Trinitrobenzene, 1,3,5-	108-67-8 99-35-4	7.8E+02 2.2E+03	ns n	1.0E+04 2.7E+04	ns n					3.7E+02 1.1E+03	n n		5.2E-01 3.9E+00	
3.0E-02 2.0E-02	I P			5.0E-04 2.0E-02 7.0E-03	I P P					1	0.032		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 7.3E+02 3.4E+00	c** n c*		1.3E-02 3.0E+00 3.3E-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		M	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	1.3E+00	n	4.2E-02 1.1E+02 2.2E-02	c n c	3.0E+01	1.0E+02 4.9E+01 4.8E-06	1.4E+01
		8.3E-03	P	9.0E-03 2.0E-02 5.0E-03	I H S	7.0E-06	P			0.026	0.026		Vanadium Pentoxide Vanadium Sulfate Vanadium and Compounds	1314-62-1 36907-42-3 NA	4.0E+02 1.6E+03 3.9E+02	c** n n	2.0E+03 2.0E+04 5.2E+03	c** n n	2.9E-04	c*	1.5E-03	c*	3.3E+02 7.3E+02 1.8E+02	n n n		1.8E+02	
				1.0E-03 2.5E-02 1.0E+00	I I H	2.0E-01	I	V		1	0.1	2.8E+03	Vernolate Vinclozolin Vinyl Acetate	1929-77-7 50471-44-8 108-05-4	6.1E+01 1.5E+03 9.7E+02	n n n	6.2E+02 1.5E+04 4.1E+03	n n ns	2.1E+02	n	8.8E+02	n	3.7E+01 9.1E+02 4.1E+02	n n n		2.9E-02 7.0E-01 8.8E-02	
7.2E-01	I	3.2E-05 4.4E-06	H I	3.0E-03 3.0E-04	I I	1.0E-01	I	V	M	1	0.1	0.0E+00 3.9E+03	Vinyl Bromide Vinyl Chloride Warfarin	593-60-2 75-01-4 81-81-2	1.1E-01 6.0E-02 1.8E+01	c*s c n	5.6E-01 1.7E+00 1.8E+02	c*s c n	7.6E-02	c*	3.8E-01	c*	1.5E-01 1.6E-02 1.1E+01	c* c n	2.0E+00	4.4E-05 5.6E-06 1.2E-02	6.9E-04
				2.0E-01 2.0E-01 2.0E-01	S S S	1.0E-01	S	V		1		3.9E+02 3.9E+02 4.3E+02	Xylene, p- Xylene, m- Xylene, o-	106-42-3 108-38-3 95-47-6	6.0E+02 5.9E+02 6.9E+02	ns ns ns	2.6E+03 2.5E+03 3.0E+03	ns ns ns	1.0E+02	n	4.4E+02	n	2.0E+02 2.0E+02 2.0E+02	n n n		2.0E-01 2.0E-01 2.0E-01	
				2.0E-01 3.0E-04 3.0E-01	I I I	1.0E-01	I	V		1		2.6E+02	Xylenes Zinc Phosphide Zinc and Compounds	1330-20-7 1314-84-7 7440-66-6	6.3E+02 2.3E+01 2.3E+04	ns n n	2.7E+03 3.1E+02 3.1E+05	ns n nm	1.0E+02	n	4.4E+02	n	2.0E+02 1.1E+01 1.1E+04	n n n	1.0E+04	2.0E-01 6.8E+02	9.8E+00
				5.0E-02	I					1	0.1		Zineb	12122-67-7	3.1E+03	n	3.1E+04	n					1.8E+03	n		5.3E+00	