

CAS	Chemical	Type of Observation	v o c	mutagen	GIABS	ABS	Csat (mg/kg)	RfDo (mg/kg-day)	k e y _ 2	RfCi (mg/m3)	k e y _ 3	SFO (mg/kg-day) ¹	k e y	IUR (ug/m3) ¹	k e y _ 1	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key _ 1	Resident Air (ug/m ³)	key _ 2	Industrial Air (ug/m ³)	key _ 3	Tapwater (ug/L)	key _ 4	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)
17804-35-2	Benomyl	Winter 2015				1	0.1	0.05 I								310 n		4100 n					97 n				0.085	
17804-35-2	Benomyl	Spring 2015				1	0.1	0.05 I								320 n		4100 n					97 n				0.085	
	Benomyl	Change																										
25057-89-0	Bentazon	Winter 2015				1	0.1	0.03 I								180 n		2500 n					57 n				0.012	
25057-89-0	Bentazon	Spring 2015				1	0.1	0.03 I								190 n		2500 n					57 n				0.012	
	Bentazon	Change														10												
6369-59-1	Benzenediamine-2-methyl sulfate, 1,4-	Winter 2015				1	0.1	0.0003 X				0.1 X				1.8 n		23 c**					0.6 n				0.00017	
6369-59-1	Benzenediamine-2-methyl sulfate, 1,4-	Spring 2015				1	0.1	0.0003 X				0.1 X				1.9 n		23 c**					0.6 n				0.00017	
	Benzenediamine-2-methyl sulfate, 1,4-	Change														0.1												
100-51-6	Benzyl Alcohol	Winter 2015				1	0.1	0.1 P								620 n		8200 n					200 n				0.048	
100-51-6	Benzyl Alcohol	Spring 2015				1	0.1	0.1 P								630 n		8200 n					200 n				0.048	
	Benzyl Alcohol	Change														10												
141-66-2	Bidrin	Winter 2015				1	0.1	0.0001 I								0.62 n		8.2 n					0.2 n				0.000047	
141-66-2	Bidrin	Spring 2015				1	0.1	0.0001 I								0.63 n		8.2 n					0.2 n				0.000047	
	Bidrin	Change														0.01												
42576-02-3	Bifenox	Winter 2015				1	0.1	0.009 P								55 n		740 n					10 n				0.076	
42576-02-3	Bifenox	Spring 2015				1	0.1	0.009 P								57 n		740 n					10 n				0.076	
	Bifenox	Change														2												
82657-04-3	Biphenrin	Winter 2015				1	0.1	0.015 I								92 n		1200 n					30 n				140	
82657-04-3	Biphenrin	Spring 2015				1	0.1	0.015 I								95 n		1200 n					30 n				140	
	Biphenrin	Change														3												
111-91-1	Bis(2-chloroethoxy)methane	Winter 2015				1	0.1	0.003 P								18 n		250 n					5.9 n				0.0013	
111-91-1	Bis(2-chloroethoxy)methane	Spring 2015				1	0.1	0.003 P								19 n		250 n					5.9 n				0.0013	
	Bis(2-chloroethoxy)methane	Change														1												
80-05-7	Bisphenol A	Winter 2015				1	0.1	0.05 I								310 n		4100 n					77 n				5.8	
80-05-7	Bisphenol A	Spring 2015				1	0.1	0.05 I								320 n		4100 n					77 n				5.8	
	Bisphenol A	Change														10												
10294-34-5	Boron Trichloride	Winter 2015				1		2 P		0.02 P						16000 n		230000 nm		2.1 n		8.8 n	4000 n					
10294-34-5	Boron Trichloride	Spring 2015	V			1		2 P		0.02 P						16000 n		230000 nm		2.1 n		8.8 n	4.2 n					
	Boron Trichloride	Change	X																									
7637-07-2	Boron Trifluoride	Winter 2015				1		0.04 C		0.013 C						310 n		4700 n		1.4 n		5.7 n	80 n					
7637-07-2	Boron Trifluoride	Spring 2015	V			1		0.04 C		0.013 C						310 n		4700 n		1.4 n		5.7 n	2.6 n					
	Boron Trifluoride	Change	X																									
75-25-2	Bromoform	Winter 2015				1	0.1	0.02 I			0.0079 I		0.0000011 I			67 c**		290 c**		2.6 c		11 c	9.2 c**		8.0E+01(F)	0.0024	0.021	
75-25-2	Bromoform	Spring 2015	V			1		0.02 I	915		0.0079 I		0.0000011 I			19 c**		86 c*		2.6 c		11 c	3.3 c*		8.0E+01(F)	0.00087	0.021	
	Bromoform	Change	X													-48		-204 X										
2104-96-3	Bromophos	Winter 2015				1	0.1	0.005 H								31 n		410 n					3.5 n				0.015	
2104-96-3	Bromophos	Spring 2015	V			1		0.005 H								39 n		580 n					3.5 n				0.015	
	Bromophos	Change	X													8		170										
1689-84-5	Bromoxynil	Winter 2015				1	0.1	0.02 I								120 n		1600 n					33 n				0.028	
1689-84-5	Bromoxynil	Spring 2015				1	0.1	0.02 I								130 n		1600 n					33 n				0.028	
	Bromoxynil	Change														10												
1689-99-2	Bromoxynil Octanoate	Winter 2015				1	0.1	0.02 I								120 n		1600 n					14 n				0.12	
1689-99-2	Bromoxynil Octanoate	Spring 2015	V			1		0.02 I								160 n		2300 n					14 n				0.12	
	Bromoxynil Octanoate	Change	X													40		700										
71-36-3	Butanol, N-	Winter 2015				1	0.1	0.1 I								620 n		8200 n					200 n				0.041	
71-36-3	Butanol, N-	Spring 2015	V			1		0.1 I	7640							780 n		12000 ns					200 n				0.041	
	Butanol, N-	Change	X													1000		3800 X										
85-68-7	Butyl Benzyl Phthlate	Winter 2015				1	0.1	0.2 I				0.0019 P				280 c**		1200 c*					16 c*				0.23	
85-68-7	Butyl Benzyl Phthlate	Spring 2015				1	0.1	0.2 I				0.0019 P				290 c**		1200 c*					16 c*				0.23	
	Butyl Benzyl Phthlate	Change														10												
78-92-2	Butyl alcohol, sec-	Winter 2015				1	0.1	2 P		30 P						12000 n		160000 nm		3100 n		13000 n	4000 n				0.81	
78-92-2	Butyl alcohol, sec-	Spring 2015	V			1		2 P		30 P						13000 n		160000 nms		3100 n		13000 n	2400 n				0.5	
	Butyl alcohol, sec-	Change	X													1000		-10000 X					-1600				-0.31	
2008-41-5	Butylate	Winter 2015				1	0.1	0.05 I								310 n		4100 n					46 n				0.045	
2008-41-5	Butylate	Spring 2015	V			1		0.05 I								390 n		5800 n					46 n				0.045	
	Butylate	Change	X													80		1700										
25013-16-5	Butylated hydroxyanisole	Winter 2015				1	0.1					0.0002 C		5.7E-08 C		2700 c		12000 c		49 c		220 c	240 c				0.45	
25013-16-5	Butylated hydroxyanisole	Spring 2015				1	0.1					0.0002 C		5.7E-08 C		2700 c		11000 c		49 c		220 c	240 c				0.45	
	Butylated hydroxyanisole	Change														-1000												
75-60-5	Cacodylic Acid	Winter 2015				1	0.1	0.02 A								120 n		1600 n					40 n					

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143-50-0	Chlordecone (Kepone)	Winter 2015			1	0.1		0.0003 I				10 I	0.0046 C			0.053 c*		0.23 c		0.00061 c		0.0027 c		0.0035 c*			0.0012	0.00012	
143-50-0	Chlordecone (Kepone)	Spring 2015			1	0.1		0.0003 I				10 I	0.0046 C			0.054 c*		0.23 c		0.00061 c		0.0027 c		0.0035 c*			0.0012	0.00012	
470-90-6	Chlorfenvinphos	Change														0.001												0.0031	
470-90-6	Chlorfenvinphos	Winter 2015			1	0.1		0.0007 A								4.3 n		58 n						1.1 n				0.0031	
90982-32-4	Chlorimuron, Ethyl-	Spring 2015			1	0.1		0.02 I								4.4 n		57 n						1.1 n				0.0031	
90982-32-4	Chlorimuron, Ethyl-	Change														0.1		-1										0.013	
7782-50-5	Chlorine	Winter 2015			1			0.1 I		0.00015 A						120 n		1600 n						39 n				0.013	
7782-50-5	Chlorine	Spring 2015	V		1		2780	0.1 I		0.00015 A						130 n		1600 n						39 n				0.013	
10049-04-4	Chlorine Dioxide	Change														10												0.09	
10049-04-4	Chlorine Dioxide	Winter 2015			1			0.03 I		0.0002 I						750 n		10000 n		0.015 n		0.064 n		200 n				0.00014	
10049-04-4	Chlorine Dioxide	Spring 2015	V		1			0.03 I		0.0002 I						0.018 n		0.078 n		0.015 n		0.064 n		0.03 n				-0.089986	
95-69-2	Chloro-2-methylaniline, 4-	Change														-749.982		-9999.922						-199.97					
95-69-2	Chloro-2-methylaniline, 4-	Winter 2015			1	0.1		0.003 X					0.1 P	0.000077 C		230 n		3400 n		0.021 n		0.088 n		60 n				0.00039	
95-69-2	Chloro-2-methylaniline, 4-	Spring 2015			1	0.1		0.003 X					0.1 P	0.000077 C		230 n		3400 n		0.021 n		0.088 n		60 n				0.00039	
107-20-0	Chloroacetaldehyde, 2-	Change														0.1												0.00058	
107-20-0	Chloroacetaldehyde, 2-	Winter 2015			1	0.1	28300					0.27 X				2 c		8.6 c						0.29 c				0.00058	
107-20-0	Chloroacetaldehyde, 2-	Spring 2015	V		1		28300					0.27 X				2.6 c		12 c						0.29 c				0.00058	
79-11-8	Chloroacetic Acid	Change														0.6		3.4										0.012	
79-11-8	Chloroacetic Acid	Winter 2015			1	0.1		0.002 H								12 n		160 n						4 n	60			0.0081	
79-11-8	Chloroacetic Acid	Spring 2015			1	0.1		0.002 H								13 n		160 n						4 n	60			0.0081	
106-47-8	Chloroaniline, p-	Change														1												0.0016	
106-47-8	Chloroaniline, p-	Winter 2015			1	0.1		0.004 I				0.2 P				2.7 c**		12 c*						0.36 c*				0.00016	
106-47-8	Chloroaniline, p-	Spring 2015			1	0.1		0.004 I				0.2 P				2.7 c**		11 c*						0.36 c*				0.00016	
510-15-6	Chlorobenzilate	Change																										0.001	
510-15-6	Chlorobenzilate	Winter 2015			1	0.1		0.02 I				0.11 C	0.000031 C			4.8 c*		21 c*		0.091 c		0.4 c		0.31 c*				0.001	
510-15-6	Chlorobenzilate	Spring 2015			1	0.1		0.02 I				0.11 C	0.000031 C			4.9 c*		21 c*		0.091 c		0.4 c		0.31 c*				0.001	
74-11-3	Chlorobenzoic Acid, p-	Change														0.1												0.013	
74-11-3	Chlorobenzoic Acid, p-	Winter 2015			1	0.1		0.03 X								180 n		2500 n						51 n				0.013	
74-11-3	Chlorobenzoic Acid, p-	Spring 2015			1	0.1		0.03 X								190 n		2500 n						51 n				0.013	
107-07-3	Chloroethanol, 2-	Change																										0.0081	
107-07-3	Chloroethanol, 2-	Winter 2015			1	0.1	111000	0.02 P								120 n		1600 n						40 n				0.0081	
107-07-3	Chloroethanol, 2-	Spring 2015	V		1		111000	0.02 P								160 n		2300 n						40 n				0.0081	
100-00-5	Chloronitrobenzene, p-	Change														40		700										0.0017	
100-00-5	Chloronitrobenzene, p-	Winter 2015			1	0.1		0.001 P		0.0006 P		0.0063 P				6.2 n		82 n		0.063 n		0.26 n		1.8 n				0.0017	
100-00-5	Chloronitrobenzene, p-	Spring 2015			1	0.1		0.001 P		0.0006 P		0.0063 P				6.3 n		82 n		0.063 n		0.26 n		1.8 n				0.0017	
1897-45-6	Chlorothalonil	Change														0.1												0.049	
1897-45-6	Chlorothalonil	Winter 2015			1	0.1		0.015 I				0.0031 C	0.00000089 C			92 n		740 c**		3.2 c		14 c		22 c**				0.049	
1897-45-6	Chlorothalonil	Spring 2015			1	0.1		0.015 I				0.0031 C	0.00000089 C			95 n		740 c**		3.2 c		14 c		22 c**				0.049	
101-21-3	Chlorpropham	Change																										0.26	
101-21-3	Chlorpropham	Winter 2015			1	0.1		0.2 I								1200 n		16000 n						280 n				0.26	
101-21-3	Chlorpropham	Spring 2015			1	0.1		0.2 I								1300 n		16000 n						280 n				0.26	
2921-88-2	Chlorpyrifos	Change														100												0.012	
2921-88-2	Chlorpyrifos	Winter 2015			1	0.1		0.001 A								6.2 n		82 n						0.84 n				0.012	
2921-88-2	Chlorpyrifos	Spring 2015			1	0.1		0.001 A								6.3 n		82 n						0.84 n				0.012	
5598-13-0	Chlorpyrifos Methyl	Change														0.1												0.054	
5598-13-0	Chlorpyrifos Methyl	Winter 2015			1	0.1		0.01 H								62 n		820 n						12 n				0.054	
5598-13-0	Chlorpyrifos Methyl	Spring 2015			1	0.1		0.01 H								63 n		820 n						12 n				0.054	
64902-72-3	Chlorsulfuron	Change														1												0.083	
64902-72-3	Chlorsulfuron	Winter 2015			1	0.1		0.05 I								310 n		4100 n						99 n				0.083	
64902-72-3	Chlorsulfuron	Spring 2015			1	0.1		0.05 I								320 n		4100 n						99 n				0.083	
60238-56-4	Chlorthiophos	Change														10												0.0073	
60238-56-4	Chlorthiophos	Winter 2015			1	0.1		0.0008 H								4.9 n		66 n						0.28 n				0.0073	
60238-56-4	Chlorthiophos	Spring 2015			1	0.1		0.0008 H								5.1 n		66 n						0.28 n				0.0073	
8007-45-2	Coke Oven Emissions	Change														0.2													
8007-45-2	Coke Oven Emissions	Winter 2015		M		1														0.00062 I		0.0016 c		0.02 c					
8007-45-2	Coke Oven Emissions	Spring 2015	V	M		1														0.00062 I		0.0016 c		0.02 c					
108-39-4	Cresol, m-	Change																										0.074	
108-39-4	Cresol, m-	Winter 2015			1	0.1		0.05 I		0.6 C																			

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108-91-8	Cylohexylamine	Winter 2015				1	0.1									1200 n		16000 n					380 n					0.1	
108-91-8	Cylohexylamine	Spring 2015	V			1		293000	0.2 I							1600 n		23000 n					380 n					0.1	
	Cylohexylamine	Change	X													400		7000											
68085-85-8	Cyhalothrin/karate	Winter 2015				1	0.1		0.005 I							31 n		410 n						10 n				6.8	
68085-85-8	Cyhalothrin/karate	Spring 2015	V			1	0.1		0.005 I							32 n		410 n						10 n				6.8	
	Cyhalothrin/karate	Change														1													
52315-07-8	Cypermethrin	Winter 2015				1	0.1		0.01 I							62 n		820 n						20 n				3.2	
52315-07-8	Cypermethrin	Spring 2015	V			1	0.1		0.01 I							63 n		820 n						20 n				3.2	
	Cypermethrin	Change														1													
66215-27-8	Cyromazine	Winter 2015				1	0.1		0.0075 I							46 n		620 n						15 n				0.0038	
66215-27-8	Cyromazine	Spring 2015	V			1	0.1		0.0075 I							47 n		620 n						15 n				0.0038	
	Cyromazine	Change														1													
72-54-8	DDD	Winter 2015				1	0.1					0.24 I		0.000069 C		2.2 c		9.6 c		0.041 c			0.18 c		0.031 c			0.0072	
72-54-8	DDD	Spring 2015	V			1	0.1					0.24 I		0.000069 C		2.3 c		9.6 c		0.041 c			0.18 c		0.031 c			0.0072	
	DDD	Change														0.1													
72-55-9	DDE, p,p'-	Winter 2015				1	0.1					0.34 I		0.000097 C		1.6 c		6.8 c		0.029 c			0.13 c		0.23 c			0.054	
72-55-9	DDE, p,p'-	Spring 2015	V			1						0.34 I		0.000097 C		2 c		9.3 c		0.029 c			0.13 c		0.046 c			0.011	
	DDE, p,p'-	Change	X													0.4		2.5					-0.184					-0.043	
50-29-3	DDT	Winter 2015				1	0.03		0.0005 I			0.34 I		0.000097 I		1.9 c**		8.6 c**		0.029 c			0.13 c		0.23 c**			0.077	
50-29-3	DDT	Spring 2015	V			1	0.03		0.0005 I			0.34 I		0.000097 I		1.9 c**		8.5 c**		0.029 c			0.13 c		0.23 c**			0.077	
	DDT	Change														-0.1													
1861-32-1	Dacihal	Winter 2015				1	0.1		0.01 I							62 n		820 n						12 n				0.015	
1861-32-1	Dacihal	Spring 2015	V			1	0.1		0.01 I							63 n		820 n						12 n				0.015	
	Dacihal	Change														1													
75-99-0	Dalapon	Winter 2015				1	0.1		0.03 I							180 n		2500 n						60 n	200			0.012	
75-99-0	Dalapon	Spring 2015	V			1	0.1		0.03 I							190 n		2500 n						60 n	200			0.012	
	Dalapon	Change														10													
1163-19-5	Decabromodiphenyl ether, 2,2',3,3',4,4',5,5',6,6'-(BDE-209)	Winter 2015				1	0.1		0.007 I			0.0007 I				43 n		580 n						14 n				7.8	
1163-19-5	Decabromodiphenyl ether, 2,2',3,3',4,4',5,5',6,6'-(BDE-209)	Spring 2015	V			1	0.1		0.007 I			0.0007 I				44 n		570 n						14 n				7.8	
	Decabromodiphenyl ether, 2,2',3,3',4,4',5,5',6,6'-(BDE-209)	Change														1		-10											
103-23-1	Di(2-ethylhexyl)adipate	Winter 2015				1	0.1		0.6 I			0.0012 I				440 c**		1900 c*						65 c*	400			4.7	
103-23-1	Di(2-ethylhexyl)adipate	Spring 2015	V			1	0.1		0.6 I			0.0012 I				450 c**		1900 c*						65 c*	400			4.7	
	Di(2-ethylhexyl)adipate	Change														10													
2303-16-4	Diallate	Winter 2015				1	0.1					0.061 H				8.7 c		38 c						0.52 c				0.00078	
2303-16-4	Diallate	Spring 2015	V			1	0.1					0.061 H				8.9 c		38 c						0.52 c				0.00078	
	Diallate	Change														0.2													
333-41-5	Diazinon	Winter 2015				1	0.1		0.0007 A							4.3 n		58 n						1 n				0.0065	
333-41-5	Diazinon	Spring 2015	V			1	0.1		0.0007 A							4.4 n		57 n						1 n				0.0065	
	Diazinon	Change														0.1		-1											
96-12-8	Dibromo-3-chloropropane, 1,2-	Winter 2015	V	M		1		979	0.0002 P			0.8 P		0.006 P		0.0053 c*		0.064 c*		0.00017 c			0.002 c*		0.00033 c	0.2		0.00000014	0.000086
96-12-8	Dibromo-3-chloropropane, 1,2-	Spring 2015	V	M		1		979	0.0002 P			0.8 P		0.006 P		0.0053 c*		0.064 c*		0.00017 c			0.002 c*		0.00086 c**	0.2		0.00000037	0.000086
	Dibromo-3-chloropropane, 1,2-	Change																											
108-36-1	Dibromobenzene, 1,3-	Winter 2015				1	0.1		0.0004 X							2.5 n		33 n						0.53 n				0.00051	
108-36-1	Dibromobenzene, 1,3-	Spring 2015	V			1		159	0.0004 X							3.1 n		47 n						0.53 n				0.00051	
	Dibromobenzene, 1,3-	Change	X													0.6		14											
106-37-6	Dibromobenzene, 1,4-	Winter 2015				1	0.1		0.01 I							62 n		820 n						13 n				0.012	
106-37-6	Dibromobenzene, 1,4-	Spring 2015	V			1	0.1		0.01 I							78 n		1200 n						13 n				0.012	
	Dibromobenzene, 1,4-	Change	X													86		380											
124-48-1	Dibromochloromethane	Winter 2015	V			1	0.1	802	0.02 I			0.084 I		0.000027 C		0.73 c		3.2 c		0.1 c			0.45 c		0.17 c	8.0E+01(F)		0.000045	0.021
124-48-1	Dibromochloromethane	Spring 2015	V			1	0.1	802	0.02 I			0.084 I		0.000027 C		0.75 c		3.3 c		0.1 c			0.45 c		0.17 c	8.0E+01(F)		0.000045	0.021
	Dibromochloromethane	Change														0.02		0.1						0.6 n					
NA	Dibutyltin Compounds	Winter 2015				1	0.1		0.0003 P							1.8 n		25 n						0.6 n					
NA	Dibutyltin Compounds	Spring 2015	V			1	0.1		0.0003 P							1.9 n		25 n						0.6 n					
	Dibutyltin Compounds	Change														0.1													
1918-00-9	Dicamba	Winter 2015				1	0.1		0.03 I							180 n		2500 n						57 n				0.015	
1918-00-9	Dicamba	Spring 2015	V			1	0.1		0.03 I							190 n		2500 n						57 n				0.015	
	Dicamba	Change														10													
764-41-0	Dichloro-2-butene, 1,4-	Winter 2015	V			1		519						0.0042 P		0.0074 c		0.032 c		0.00067 c			0.0029 c		0.0013 c			0.00000062	
764-41-0	Dichloro-2-butene, 1,4-	Spring 2015	V			1		518						0.0042 P															

CAS	Chemical	Observation	v o c	mutagen	GIABS	ABS	Csat (mg/kg)	RfDo (mg/kg-day)	k e y _ 2	RfCi (mg/m3)	k e y _ 3	SFO (mg/kg-day) ¹	k e y	IUR (ug/m3) ¹	k e y _ 1	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key_1	Resident Air (ug/m ³)	key_2	Industrial Air (ug/m ³)	key_3	Tapwater (ug/L)	key_4	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)
111-42-2	Diethanolamine	Winter 2015			1	0.1		0.002 P		0.0002 P						12 n		160 n		0.021 n		0.088 n		4 n			0.00081	
111-42-2	Diethanolamine	Spring 2015			1	0.1		0.002 P		0.0002 P						13 n		160 n		0.021 n		0.088 n		4 n			0.00081	
	Diethanolamine	Change																										
112-34-5	Diethylene Glycol Monobutyl Ether	Winter 2015			1	0.1		0.03 P		0.0001 P						180 n		2400 n		0.01 n		0.044 n		60 n			0.013	
112-34-5	Diethylene Glycol Monobutyl Ether	Spring 2015			1	0.1		0.03 P		0.0001 P						190 n		2400 n		0.01 n		0.044 n		60 n			0.013	
	Diethylene Glycol Monobutyl Ether	Change														10												
111-90-0	Diethylene Glycol Monoethyl Ether	Winter 2015			1	0.1		0.06 P		0.0003 P						370 n		4800 n		0.031 n		0.13 n		120 n			0.024	
111-90-0	Diethylene Glycol Monoethyl Ether	Spring 2015			1	0.1		0.06 P		0.0003 P						380 n		4800 n		0.031 n		0.13 n		120 n			0.024	
	Diethylene Glycol Monoethyl Ether	Change														10												
617-84-5	Diethylformamide	Winter 2015			1	0.1		0.001 P								6.2 n		82 n						2 n			0.00041	
617-84-5	Diethylformamide	Spring 2015	V		1		112000	0.001 P								7.8 n		120 n						2 n			0.00041	
	Diethylformamide	Change	X													1.6		38										
56-53-1	Diethylstilbestrol	Winter 2015			1	0.1						350 C		0.1 C		0.0015 c		0.0066 c		0.000028 c		0.00012 c		0.000049 c			0.000027	
56-53-1	Diethylstilbestrol	Spring 2015			1	0.1						350 C		0.1 C		0.0016 c		0.0066 c		0.000028 c		0.00012 c		0.000049 c			0.000027	
	Diethylstilbestrol	Change														0.0001												
43222-48-6	Difenzoquat	Winter 2015			1	0.1		0.08 I								490 n		6600 n						160 n				
43222-48-6	Difenzoquat	Spring 2015			1	0.1		0.08 I								510 n		6600 n						160 n				
	Difenzoquat	Change														20												
35367-38-5	Diffubenzuron	Winter 2015			1	0.1		0.02 I								120 n		1600 n						29 n			0.033	
35367-38-5	Diffubenzuron	Spring 2015			1	0.1		0.02 I								130 n		1600 n						29 n			0.033	
	Diffubenzuron	Change														10												
94-58-6	Dihydrosafrole	Winter 2015	V		1	0.1						0.044 C		0.000013 C		0.26 c		1.1 c		0.22 c		0.94 c		0.3 c			0.00037	
94-58-6	Dihydrosafrole	Spring 2015	V		1							0.044 C		0.000013 C		0.32 c		1.4 c		0.22 c		0.94 c		0.3 c			0.00037	
	Dihydrosafrole	Change														0.06		0.3										
55290-64-7	Dimethipin	Winter 2015			1	0.1		0.02 I								120 n		1600 n						40 n			0.0088	
55290-64-7	Dimethipin	Spring 2015			1	0.1		0.02 I								130 n		1600 n						40 n			0.0088	
	Dimethipin	Change														10												
60-51-5	Dimethoate	Winter 2015	V		1	0.1		0.0002 I								1.2 n		16 n						0.4 n			0.00009	
60-51-5	Dimethoate	Spring 2015	V		1	0.1		0.0002 I								1.3 n		16 n						0.4 n			0.00009	
	Dimethoate	Change														0.1												
119-90-4	Dimethoxybenzidine, 3,3'-	Winter 2015			1	0.1										1.6 P		0.33 c		1.4 c				0.047 c			0.00057	
119-90-4	Dimethoxybenzidine, 3,3'-	Spring 2015			1	0.1										1.6 P		0.34 c		1.4 c				0.047 c			0.00057	
	Dimethoxybenzidine, 3,3'-	Change														0.01												
756-79-6	Dimethyl methylphosphonate	Winter 2015			1	0.1		0.06 P				0.0017 P				310 c**		1400 c**						46 c**			0.0096	
756-79-6	Dimethyl methylphosphonate	Spring 2015			1	0.1		0.06 P				0.0017 P				320 c**		1400 c**						46 c**			0.0096	
	Dimethyl methylphosphonate	Change														10												
21436-96-4	Dimethylaniline HCl, 2,4-	Winter 2015			1	0.1						0.58 H				0.92 c		4 c						0.13 c			0.00012	
21436-96-4	Dimethylaniline HCl, 2,4-	Spring 2015			1	0.1						0.58 H				0.94 c		4 c						0.13 c			0.00012	
	Dimethylaniline HCl, 2,4-	Change														0.02												
95-68-1	Dimethylaniline, 2,4-	Winter 2015			1	0.1		0.002 X				0.2 P				2.7 c**		12 c*						0.37 c*			0.00021	
95-68-1	Dimethylaniline, 2,4-	Spring 2015			1	0.1		0.002 X				0.2 P				2.7 c**		11 c*						0.37 c*			0.00021	
	Dimethylaniline, 2,4-	Change														-1												
119-93-7	Dimethylbenzidine, 3,3'-	Winter 2015			1	0.1						11 P				0.048 c		0.21 c						0.0065 c			0.000043	
119-93-7	Dimethylbenzidine, 3,3'-	Spring 2015			1	0.1						11 P				0.049 c		0.21 c						0.0065 c			0.000043	
	Dimethylbenzidine, 3,3'-	Change														0.001												
68-12-2	Dimethylformamide	Winter 2015			1	0.1		0.1 P		0.03 I						620 n		8200 n		3.1 n		13 n		200 n			0.04	
68-12-2	Dimethylformamide	Spring 2015	V		1		106000	0.1 P		0.03 I						260 n		1500 n		3.1 n		13 n		6.1 n			0.0012	
	Dimethylformamide	Change	X													-360		-6700						-193.9				
57-14-7	Dimethylhydrazine, 1,1-	Winter 2015			1	0.1		0.0001 X		0.000002 X						0.62 n		8.2 n		0.00021 n		0.00088 n		0.2 n			0.000045	
57-14-7	Dimethylhydrazine, 1,1-	Spring 2015	V		1		172000	0.0001 X		0.000002 X						0.032 n		0.14 n		0.00021 n		0.00088 n		0.00042 n			0.00000093	
	Dimethylhydrazine, 1,1-	Change	X													-0.588		-8.06						-0.19958				
540-73-8	Dimethylhydrazine, 1,2-	Winter 2015			1	0.1						550 C		0.16 C		0.00097 c		0.0042 c		0.000018 c		0.000077 c		0.00014 c			0.000000032	
540-73-8	Dimethylhydrazine, 1,2-	Spring 2015	V		1		189000					550 C		0.16 C		0.00088 c		0.0041 c		0.000018 c		0.000077 c		0.000028 c			6.5E-09	
	Dimethylhydrazine, 1,2-	Change	X																				-0.000112					
105-67-9	Dimethylphenol, 2,4-	Winter 2015			1	0.1		0.02 I								120 n		1600 n						36 n			0.042	
105-67-9	Dimethylphenol, 2,4-	Spring 2015			1	0.1		0.02 I								130 n		1600 n						36 n			0.042	
	Dimethylphenol, 2,4-	Change														10												
576-26-1	Dimethylphenol, 2,6-	Winter 2015			1	0.1		0.0006 I								3.7 n		49 n						1.1 n			0.0013	
576-26-1	Dimethylphenol, 2,6-	Spring 2015			1	0																						

CAS	Chemical	Observation	v o c	mutagen	GIABS	ABS	Csat (mg/kg)	RfDo (mg/kg-day)	k e y_2	RfCi (mg/m3)	k e y_3	SFO (mg/kg-day) ¹	k e y	IUR (ug/m3) ¹	k e y_1	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key_1	Resident Air (ug/m ³)	key_2	Industrial Air (ug/m ³)	key_3	Tapwater (ug/L)	key_4	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)	
123-91-1	Dioxane, 1,4-	Winter 2015				1	0.1			0.03 I		0.03 I		0.1 I		5.3 c*		23 c		0.56 c**		2.5 c**		0.78 c*			0.0016		
123-91-1	Dioxane, 1,4-	Spring 2015	V			1		116000		0.03 I		0.03 I		0.000005 I		5.3 c*		24 c*		0.56 c**		2.5 c**		0.46 c*		0.00094			
123-91-1	Dioxane, 1,4-	Change	X																X				-0.32						
957-51-7	Diphenamid	Winter 2015				1	0.1			0.03 I						180 n		2500 n									0.52		
957-51-7	Diphenamid	Spring 2015				1	0.1			0.03 I						190 n		2500 n									0.52		
127-63-9	Diphenyl Sulfone	Winter 2015				1	0.1			0.0008 X						4.9 n		66 n									1.5 n	0.0036	
127-63-9	Diphenyl Sulfone	Spring 2015				1	0.1			0.0008 X						5.1 n		66 n									1.5 n	0.0036	
122-39-4	Diphenylamine	Winter 2015				1	0.1			0.025 I						0.2		150 n		2100 n							31 n	0.058	
122-39-4	Diphenylamine	Spring 2015				1	0.1			0.025 I						160 n		2100 n									31 n	0.058	
122-66-7	Diphenylhydrazine, 1,2-	Winter 2015				1	0.1					0.8 I		0.00022 I		0.67 c		2.9 c		0.013 c		0.056 c		0.077 c				0.00025	
122-66-7	Diphenylhydrazine, 1,2-	Spring 2015				1	0.1					0.8 I		0.00022 I		0.68 c		2.9 c		0.013 c		0.056 c		0.077 c				0.00025	
1937-37-7	Diphenylhydrazine, 1,2-	Change														0.01													
1937-37-7	Direct Black 38	Winter 2015				1	0.1					7.1 C		0.14 C		0.075 c		0.32 c		0.00002 c		0.000088 c		0.011 c				5.3	
1937-37-7	Direct Black 38	Spring 2015				1	0.1					7.1 C		0.14 C		0.076 c		0.32 c		0.00002 c		0.000088 c		0.011 c				5.3	
2602-46-2	Direct Blue 6	Winter 2015				1	0.1					7.4 C		0.14 C		0.072 c		0.31 c		0.00002 c		0.000088 c		0.011 c				17	
2602-46-2	Direct Blue 6	Spring 2015				1	0.1					7.4 C		0.14 C		0.073 c		0.31 c		0.00002 c		0.000088 c		0.011 c				17	
16071-86-6	Direct Brown 95	Winter 2015				1	0.1									0.001													
16071-86-6	Direct Brown 95	Spring 2015				1	0.1					6.7 C		0.14 C		0.079 c		0.34 c		0.00002 c		0.000088 c		0.012 c					
505-29-3	Dithiane, 1,4-	Winter 2015	V			1	0.1			0.01 I						62 n		820 n						20 n				0.0097	
505-29-3	Dithiane, 1,4-	Spring 2015	V			1	0.1			0.01 I						78 n		1200 n						20 n				0.0097	
330-54-1	Diuron	Winter 2015				1	0.1			0.002 I						16		380										0.0015	
330-54-1	Diuron	Spring 2015				1	0.1			0.002 I						12 n		160 n						3.6 n				0.0015	
115-29-7	Endosulfan	Winter 2015				1	0.1			0.006 I						1		13 n						3.6 n				0.0015	
115-29-7	Endosulfan	Spring 2015	V			1	0.1			0.006 I						37 n		490 n						10 n				0.14	
145-73-3	Endothal	Winter 2015				1	0.1			0.02 I						47 n		700 n						10 n				0.14	
145-73-3	Endothal	Spring 2015				1	0.1			0.02 I						10		210											
72-20-8	Endrin	Winter 2015				1	0.1			0.0003 I						120 n		1600 n						38 n	100		0.0091	0.024	
72-20-8	Endrin	Spring 2015				1	0.1			0.0003 I						130 n		1600 n						38 n	100		0.0091	0.024	
16672-87-0	Ethephon	Winter 2015				1	0.1			0.005 I						0.1		25 n						0.23 n	2		0.0092	0.081	
16672-87-0	Ethephon	Spring 2015				1	0.1			0.005 I						1.9 n		25 n						0.23 n	2		0.0092	0.081	
563-12-2	Ethion	Winter 2015				1	0.1			0.0005 I						31 n		410 n						10 n				0.0021	
563-12-2	Ethion	Spring 2015				1	0.1			0.0005 I						32 n		410 n						10 n				0.0021	
111-15-9	Ethoxyethanol Acetate, 2-	Winter 2015				1	0.1			0.1 P		0.06 P				620 n		8200 n		6.3 n		26 n		200 n				0.042	
111-15-9	Ethoxyethanol Acetate, 2-	Spring 2015	V			1		31400		0.1 P		0.06 P				260 n		1400 n		6.3 n		26 n		12 n				0.0025	
110-80-5	Ethoxyethanol, 2-	Winter 2015				1	0.1			0.09 P		0.2 I				-360		-6900						-168				-0.0395	
110-80-5	Ethoxyethanol, 2-	Spring 2015	V			1	0.1	106000		0.09 P		0.2 I				550 n		7400 n		21 n		88 n		180 n				0.036	
2104-64-5	Ethyl-p-nitrophenyl Phosphonate	Winter 2015				1	0.1			0.00001 I						520 n		4700 n		21 n		88 n		34 n				0.0068	
2104-64-5	Ethyl-p-nitrophenyl Phosphonate	Spring 2015				1	0.1			0.00001 I						-30		-2700						-146				-0.0292	
109-78-4	Ethylene Cyanohydrin	Winter 2015				1	0.1			0.07 P						0.063 n		0.82 n						0.0089 n				0.00028	
109-78-4	Ethylene Cyanohydrin	Spring 2015				1	0.1			0.07 P						0.063 n		0.82 n						0.0089 n				0.00028	
107-15-3	Ethylene Diamine	Winter 2015				1	0.1			0.09 P						0.001		430 n		5800 n				140 n				0.028	
107-15-3	Ethylene Diamine	Spring 2015	V			1		189000		0.09 P						440 n		5700 n						140 n				0.028	
107-21-1	Ethylene Glycol	Winter 2015				1	0.1			2 I		0.4 C				550 n		7400 n		42 n		180 n		4000 n				0.81	
107-21-1	Ethylene Glycol	Spring 2015				1	0.1			2 I		0.4 C				700 n		11000 n		42 n		180 n		4000 n				0.81	
111-76-2	Ethylene Glycol Monobutyl Ether	Winter 2015				1	0.1			0.1 I		1.6 I				1000													
111-76-2	Ethylene Glycol Monobutyl Ether	Spring 2015				1	0.1			0.1 I		1.6 I				620 n		8200 n		170 n		700 n		200 n				0.041	
96-45-7	Ethylene Thiourea	Winter 2015				1	0.1			0.00008 I		0.045 C		0.000013 C		0.49 n		6.6 n		0.22 c		0.94 c		0.16 n				0.000036	
96-45-7	Ethylene Thiourea	Spring 2015				1	0.1			0.00008 I		0.045 C		0.000013 C		0.51 n		6.6 n		0.22 c		0.94 c		0.16 n				0.000036	
151-56-4	Ethyleneimine	Winter 2015	V			1	0.1	154000				65 C		0.019 C		0.0025 c		0.011 c		0.00015 c		0.00065 c		0.00024 c				0.000000052	
151-56-4	Ethyleneimine	Spring 2015	V			1		154000				65 C		0.019 C		0.0027 c		0.012 c		0.00015 c		0.00065 c		0.00024 c				0.000000052	
84-72-0	Ethylphthalyl Ethyl Glycolate	Winter 2015				1	0.1			3 I						0.0002		0.001						5800 n				13	
84-72-0	Ethylphthalyl Ethyl Glycolate	Spring 2015				1	0.1			3 I						18000 n		250000 nm						5800 n				13	
101200-48-0	Express	Winter 2015				1	0.1			0.008 I						1000													
101200-48-0	Express	Spring 2015				1	0.1			0.008 I						49 n		660 n						16 n				0.0061	
22224-92-6	Fenamiphos	Winter 2015				1	0																						

CAS	Chemical	Type of Observation	v o c	mutagen	GIABS	ABS	Csat (mg/kg)	RfDo (mg/kg-day)	k e y _ 2	RfCi (mg/m3)	k e y _ 3	SFO (mg/kg-day) ¹	k e y	IUR (ug/m3) ¹	k e y _ 1	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key _ 1	Resident Air (ug/m ³)	key _ 2	Industrial Air (ug/m ³)	key _ 3	Tapwater (ug/L)	key _ 4	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)
56425-91-3	Flurprimidol	Winter 2015				1	0.1	0.02 I								120 n		1600 n					34 n				0.16	
56425-91-3	Flurprimidol	Spring 2015				1	0.1	0.02 I								130 n		1600 n					34 n				0.16	
	Flurprimidol	Change														10												
66332-96-5	Flutolanil	Winter 2015				1	0.1	0.06 I								370 n		4900 n					95 n				0.5	
66332-96-5	Flutolanil	Spring 2015				1	0.1	0.06 I								380 n		4900 n					95 n				0.5	
	Flutolanil	Change														10												
69409-94-5	Fluvalinate	Winter 2015				1	0.1	0.01 I								62 n		820 n					20 n				29	
69409-94-5	Fluvalinate	Spring 2015				1	0.1	0.01 I								63 n		820 n					20 n				29	
	Fluvalinate	Change														1												
133-07-3	Folpet	Winter 2015				1	0.1	0.1 I				0.0035 I				150 c**		660 c*					20 c**				0.0047	
133-07-3	Folpet	Spring 2015				1	0.1	0.1 I				0.0035 I				160 c**		660 c*					20 c**				0.0047	
	Folpet	Change														10												
72178-02-0	Fomesafen	Winter 2015				1	0.1	0.19 I				0.19 I				2.8 c		12 c					0.39 c				0.0013	
72178-02-0	Fomesafen	Spring 2015				1	0.1	0.19 I				0.19 I				2.9 c		12 c					0.39 c				0.0013	
	Fomesafen	Change														0.1												
944-22-9	Fonofos	Winter 2015				1	0.1	0.002 I								12 n		160 n					2.4 n				0.0047	
944-22-9	Fonofos	Spring 2015				1	0.1	0.002 I								13 n		160 n					2.4 n				0.0047	
	Fonofos	Change														1												
50-00-0	Formaldehyde	Winter 2015				1	0.1	0.2 I		0.0098 A			0.000013 I			1200 n		16000 n		0.22 c**		0.94 c**		400 n			0.08	
50-00-0	Formaldehyde	Spring 2015	V			1		42400		0.0098 A			0.000013 I			17 c**		73 c**		0.22 c**		0.94 c**		0.43 c**			0.00087	
	Formaldehyde	Change	X													-1183 XXXX		-15927 XXXX					-399.57 XXXX				0.00087	
64-18-6	Formic Acid	Winter 2015				1	0.1	0.9 P		0.0003 X						4900 n		52000 n		0.031 n		0.13 n		1800 n			0.36	
64-18-6	Formic Acid	Spring 2015	V			1		106000		0.0003 X						2.9 n		12 n		0.031 n		0.13 n		0.063 n			0.00013	
	Formic Acid	Change	X													-4897.1		-51988					-1799.937				-0.359967	
39148-24-8	Fosetyl-AL	Winter 2015				1	0.1	3 I								18000 n		250000 nm					6000 n					
39148-24-8	Fosetyl-AL	Spring 2015				1	0.1	3 I								19000 n		250000 nm					6000 n					
	Fosetyl-AL	Change														1000												
67-45-8	Furazolidone	Winter 2015				1	0.1					3.8 H				0.14 c		0.61 c					0.02 c				0.000039	
67-45-8	Furazolidone	Spring 2015				1	0.1					3.8 H				0.14 c		0.61 c					0.02 c				0.000039	
	Furazolidone	Change														-0.01												
98-01-1	Furfural	Winter 2015				1	0.1	0.003 I		0.05 H						18 n		250 n		5.2 n		22 n		6 n			0.0013	
98-01-1	Furfural	Spring 2015	V			1		10100		0.003 I						21 n		260 n		5.2 n		22 n		3.8 n			0.00081	
	Furfural	Change	X													3		10					-2.2				-0.00049	
765-34-4	Glycidyl	Winter 2015				1	0.1	0.0004 I		0.001 H						2.5 n		33 n		0.1 n		0.44 n		0.8 n			0.00016	
765-34-4	Glycidyl	Spring 2015	V			1		106000		0.0004 I						2.2 n		19 n		0.1 n		0.44 n		0.17 n			0.000033	
	Glycidyl	Change	X													-0.3		-14					-0.63				-0.000127	
1071-83-6	Glyphosate	Winter 2015				1	0.1	0.1 I								620 n		8200 n					200 n	700			0.88	3.1
1071-83-6	Glyphosate	Spring 2015				1	0.1	0.1 I								630 n		8200 n					200 n	700			0.88	3.1
	Glyphosate	Change														10												
42874-03-3	Goal	Winter 2015				1	0.1	0.003 I								18 n		250 n					3.2 n				0.25	
42874-03-3	Goal	Spring 2015				1	0.1	0.003 I								19 n		250 n					3.2 n				0.25	
	Goal	Change														1												
113-00-8	Guanidine	Winter 2015				1	0.1	0.01 X								62 n		820 n					20 n				0.0045	
113-00-8	Guanidine	Spring 2015	V			1		0.01 X								78 n		1200 n					20 n				0.0045	
	Guanidine	Change	X													16		380										
50-01-1	Guanidine Chloride	Winter 2015				1	0.1	0.02 P								120 n		1600 n					40 n					
50-01-1	Guanidine Chloride	Spring 2015				1	0.1	0.02 P								130 n		1600 n					40 n					
	Guanidine Chloride	Change														10												
86-50-0	Guthion	Winter 2015				1	0.1	0.003 A		0.01 A						18 n		250 n		1 n		4.4 n		5.6 n			0.0017	
86-50-0	Guthion	Spring 2015				1	0.1	0.003 A		0.01 A						19 n		250 n		1 n		4.4 n		5.6 n			0.0017	
	Guthion	Change														1												
69806-40-2	Haloxyp. Methyl	Winter 2015				1	0.1	0.00005 I								0.31 n		4.1 n					0.076 n				0.00084	
69806-40-2	Haloxyp. Methyl	Spring 2015				1	0.1	0.00005 I								0.32 n		4.1 n					0.076 n				0.00084	
	Haloxyp. Methyl	Change														0.01												
79277-27-3	Harmony	Winter 2015				1	0.1	0.013 I								80 n		1100 n					26 n				0.0078	
79277-27-3	Harmony	Spring 2015				1	0.1	0.013 I								82 n		1100 n					26 n				0.0078	
	Harmony	Change														2												
76-44-8	Heptachlor	Winter 2015				1	0.1	0.0005 I				4.5 I		0.0013 I		0.12 c*		0.51 c*		0.0022 c		0.0094 c		0.002 c*	0.4		0.00016	0.033
76-44-8	Heptachlor	Spring 2015	V			1		0.0005 I				4.5 I		0.0013 I		0.13 c*		0.63 c*		0.0022 c		0.0094 c		0.0014 c*	0.4		0.00011	0.033
	Heptachlor	Change	X													0.01		-0.0006										
1024-57-3	Heptachlor Epoxide	Winter 2015																										

CAS	Chemical	Type of Observation	v o c	mutagen	GIABS	ABS	Csat (mg/kg)	RfDo (mg/kg-day)	k e y_2	RfCi (mg/m3)	k e y_3	SFO (mg/kg-day) ¹	k e y	IUR (ug/m3) ¹	k e y_1	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key_1	Resident Air (ug/m ³)	key_2	Industrial Air (ug/m ³)	key_3	Tapwater (ug/L)	key_4	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)
24307-26-4	Mepiquat Chloride	Winter 2015				1	0.1	0.03 I								180 n		2500 n						60 n			0.02	
24307-26-4	Mepiquat Chloride	Spring 2015				1	0.1	0.03 I								190 n		2500 n						60 n			0.02	
	Mepiquat Chloride	Change														10												
150-50-5	Merphos	Winter 2015				1	0.1	0.0003 I								0.18 n		2.5 n						0.08 n			0.0059	
150-50-5	Merphos	Spring 2015	V			1		0.0003 I								0.23 n		3.5 n						0.06 n			0.0059	
	Merphos	Change	X													0.05		1										
78-48-8	Merphos Oxide	Winter 2015				1	0.1	0.0003 I								0.18 n		2.5 n						0.0085 n			0.00042	
78-48-8	Merphos Oxide	Spring 2015				1	0.1	0.0003 I								0.19 n		2.5 n						0.0085 n			0.00042	
	Merphos Oxide	Change														0.01												
57837-19-1	Metaxyl	Winter 2015				1	0.1	0.06 I								370 n		4900 n						120 n			0.033	
57837-19-1	Metaxyl	Spring 2015				1	0.1	0.06 I								380 n		4900 n						120 n			0.033	
	Metaxyl	Change														10												
10265-92-6	Methamidophos	Winter 2015				1	0.1	0.0005 I								0.31 n		4.1 n						0.1 n			0.00021	
10265-92-6	Methamidophos	Spring 2015				1	0.1	0.0005 I								0.32 n		4.1 n						0.1 n			0.00021	
	Methamidophos	Change														0.01												
67-56-1	Methanol	Winter 2015				1	0.1	2 I		20 I						12000 n		160000 nm		2100 n		8900 n		4000 n			0.81	
67-56-1	Methanol	Spring 2015	V			1		106000	2 I	20 I						12000 n		120000 nms		2100 n		8900 n		2000 n			0.41	
	Methanol	Change	X															-40000 X					-2000			-0.4		
950-37-8	Methidathion	Winter 2015				1	0.1	0.001 I								6.2 n		82 n						1.9 n			0.0047	
950-37-8	Methidathion	Spring 2015				1	0.1	0.001 I								6.3 n		82 n						1.9 n			0.0047	
	Methidathion	Change														0.1												
16752-77-5	Methomyl	Winter 2015				1	0.1	0.025 I								150 n		2100 n						50 n			0.011	
16752-77-5	Methomyl	Spring 2015				1	0.1	0.025 I								160 n		2100 n						50 n			0.011	
	Methomyl	Change														10												
72-43-5	Methoxychlor	Winter 2015				1	0.1	0.005 I								31 n		410 n						3.7 n	40		0.2	2.2
72-43-5	Methoxychlor	Spring 2015				1	0.1	0.005 I								32 n		410 n						3.7 n	40		0.2	2.2
	Methoxychlor	Change														1												
110-49-6	Methoxyethanol Acetate, 2-	Winter 2015				1	0.1	0.008 P		0.001 P						49 n		660 n		0.1 n		0.44 n		16 n			0.0033	
110-49-6	Methoxyethanol Acetate, 2-	Spring 2015	V			1		115000	0.008 P	0.001 P						11 n		51 n		0.1 n		0.44 n		0.21 n			0.00042	
	Methoxyethanol Acetate, 2-	Change	X													-38		-609						-15.79			-0.003258	
109-86-4	Methoxyethanol, 2-	Winter 2015				1	0.1	0.005 P	0.02 I							31 n		410 n	0.02 I		2.1 n		8.8 n		10 n		0.002	
109-86-4	Methoxyethanol, 2-	Spring 2015	V			1		106000	0.005 P	0.02 I						33 n		350 n		2.1 n		8.8 n		2.9 n			0.00059	
	Methoxyethanol, 2-	Change	X													2		-60						-7.1			-0.00141	
60-34-4	Methyl Hydrazine	Winter 2015				1	0.1	0.001 P		0.00002 X			0.001 X			6.2 n		82 n		0.0021 n		0.0088 n		2 n			0.00045	
60-34-4	Methyl Hydrazine	Spring 2015	V			1		180000	0.001 P	0.00002 X			0.001 X			0.31 n		1.4 n		0.0021 n		0.0088 n		0.0042 n			0.0000094	
	Methyl Hydrazine	Change	X													-5.89		-80.6						-1.9958			-0.00044906	
624-83-9	Methyl Isocyanate	Winter 2015	V			1	0.1	16700		0.001 C						0.46 n		1.9 n		0.1 n		0.44 n		0.21 n			0.00059	
624-83-9	Methyl Isocyanate	Spring 2015	V			1		16700		0.001 C						0.46 n		1.9 n		0.1 n		0.44 n		0.21 n			0.00059	
	Methyl Isocyanate	Change																										
298-00-0	Methyl Parathion	Winter 2015				1	0.1	0.00025 I								1.5 n		21 n						0.45 n			0.00074	
298-00-0	Methyl Parathion	Spring 2015				1	0.1	0.00025 I								1.6 n		21 n						0.45 n			0.00074	
	Methyl Parathion	Change														0.1												
993-13-5	Methyl Phosphonic Acid	Winter 2015				1	0.1	0.06 X								370 n		4900 n						120 n			0.024	
993-13-5	Methyl Phosphonic Acid	Spring 2015				1	0.1	0.06 X								380 n		4900 n						120 n			0.024	
	Methyl Phosphonic Acid	Change														10												
25013-15-4	Methyl Styrene (Mixed isomers)	Winter 2015	V			1		393	0.006 H	0.04 H						23 n		150 n		4.2 n		18 n		3.8 n			0.0062	
25013-15-4	Methyl Styrene (Mixed isomers)	Spring 2015	V			1		393	0.006 H	0.04 H						24 n		160 n		4.2 n		18 n		3.8 n			0.0062	
	Methyl Styrene (Mixed isomers)	Change														1												
66-27-3	Methyl methanesulfonate	Winter 2015				1	0.1				0.099 C	0.000028 C				5.4 c		23 c		0.1 c		0.44 c		0.79 c			0.00016	
66-27-3	Methyl methanesulfonate	Spring 2015				1	0.1				0.099 C	0.000028 C				5.5 c		23 c		0.1 c		0.44 c		0.79 c			0.00016	
	Methyl methanesulfonate	Change														0.1												
615-45-2	Methyl-1,4-benzenediamine dihydrochloride, 2-	Winter 2015				1	0.1	0.0003 X								1.8 n		25 n						0.6 n			0.00036	
615-45-2	Methyl-1,4-benzenediamine dihydrochloride, 2-	Spring 2015				1	0.1	0.0003 X								1.9 n		25 n						0.6 n			0.00036	
	Methyl-1,4-benzenediamine dihydrochloride, 2-	Change														0.1												
99-55-8	Methyl-5-Nitroaniline, 2-	Winter 2015				1	0.1	0.02 X			0.009 P					59 c**		260 c**						8.1 c**			0.0045	
99-55-8	Methyl-5-Nitroaniline, 2-	Spring 2015				1	0.1	0.02 X			0.009 P					60 c**		260 c**						8.1 c**			0.0045	
	Methyl-5-Nitroaniline, 2-	Change														1												
70-25-7	Methyl-N-nitro-N-nitrosoguanidine, N-	Winter 2015				1	0.1				8.3 C	0.0024 C				0.064 c		0.28 c		0.0012 c		0.0051 c		0.0094 c			0.0000032	
70-25-7	Methyl-N-nitro-N-nitrosoguanidine, N-	Spring 2015				1	0.1				8.3 C	0.0024 C				0.065 c		0.28 c		0.0012 c		0.0						

CAS	Chemical	Observation	v o c	mutagen	GIABS	ABS	Csat (mg/kg)	RfDo (mg/kg-day)	k e y_2	RfCi (mg/m3)	k e y_3	SFO (mg/kg-day) ¹	k e y	IUR (ug/m3) ¹	k e y_1	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key_1	Resident Air (ug/m ³)	key_2	Industrial Air (ug/m ³)	key_3	Tapwater (ug/L)	key_4	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)
100-61-8	Monomethylamine	Winter 2015				1	0.1	0.002 P								12 n		160 n						3.8 n			0.0014	
100-61-8	Monomethylamine	Spring 2015				1	0.1	0.002 P								13 n		160 n						3.8 n			0.0014	
	Monomethylamine	Change																										
74-31-7	N,N'-Diphenyl-1,4-benzenediamine	Winter 2015				1	0.1	0.0003 X								1.8 n		25 n						0.36 n			0.037	
74-31-7	N,N'-Diphenyl-1,4-benzenediamine	Spring 2015				1	0.1	0.0003 X								1.9 n		25 n						0.36 n			0.037	
	N,N'-Diphenyl-1,4-benzenediamine	Change														0.1												
300-76-5	Naled	Winter 2015				1	0.1	0.002 I								12 n		160 n						4 n			0.0018	
300-76-5	Naled	Spring 2015				1		0.002 I								16 n		230 n						4 n			0.0018	
	Naled	Change		X												4		70										
15299-99-7	Napropamide	Winter 2015				1	0.1	0.1 I								620 n		8200 n						160 n			1.1	
15299-99-7	Napropamide	Spring 2015				1	0.1	0.1 I								630 n		8200 n						160 n			1.1	
	Napropamide	Change														10												
373-02-4	Nickel Acetate	Winter 2015				0.04		0.011 C		0.000014 C				0.00026 C		82 n		1100 n		0.0015 n		0.0061 n		20 n				
373-02-4	Nickel Acetate	Spring 2015				1	0.1	0.011 C		0.000014 C				0.00026 C		67 n		810 n		0.0015 n		0.0061 n		22 n				
	Nickel Acetate	Change				0.96										-15		-290						2				
3333-67-3	Nickel Carbonate	Winter 2015				0.04		0.011 C		0.000014 C				0.00026 C		82 n		1100 n		0.0015 n		0.0061 n		20 n				
3333-67-3	Nickel Carbonate	Spring 2015				1	0.1	0.011 C		0.000014 C				0.00026 C		67 n		810 n		0.0015 n		0.0061 n		22 n				
	Nickel Carbonate	Change				0.96										-15		-290						2				
13463-39-3	Nickel Carbonyl	Winter 2015				0.04		0.011 C		0.000014 C				0.00026 C		82 n		1100 n		0.0015 n		0.0061 n		20 n				
13463-39-3	Nickel Carbonyl	Spring 2015				1		0.011 C		0.000014 C				0.00026 C		82 n		1100 n		0.0015 n		0.0061 n		0.0029 n				
	Nickel Carbonyl	Change		X		0.96																		-19.9971				
1271-28-9	Nickelocene	Winter 2015				0.04		0.011 C		0.000014 C				0.00026 C		82 n		1100 n		0.0015 n		0.0061 n		20 n				
1271-28-9	Nickelocene	Spring 2015				1	0.1	0.011 C		0.000014 C				0.00026 C		67 n		810 n		0.0015 n		0.0061 n		22 n				
	Nickelocene	Change				0.96										-15		-290						2				
88-74-4	Nitroaniline, 2-	Winter 2015				1	0.1	0.01 X		0.00005 X						61 n		800 n		0.0052 n		0.022 n		19 n			0.008	
88-74-4	Nitroaniline, 2-	Spring 2015				1	0.1	0.01 X		0.00005 X						63 n		800 n		0.0052 n		0.022 n		19 n			0.008	
	Nitroaniline, 2-	Change														2												
100-01-6	Nitroaniline, 4-	Winter 2015				1	0.1	0.004 P		0.006 P		0.02 P				25 n		120 c**		0.63 n		2.6 n		3.8 c**			0.0016	
100-01-6	Nitroaniline, 4-	Spring 2015				1	0.1	0.004 P		0.006 P		0.02 P				25 n		110 c**		0.63 n		2.6 n		3.8 c**			0.0016	
	Nitroaniline, 4-	Change														-10												
9004-70-0	Nitrocellulose	Winter 2015				1	0.1	3000 P								18000000 nm		25000000 nm						6000000 n			1300	
9004-70-0	Nitrocellulose	Spring 2015				1	0.1	3000 P								19000000 nm		25000000 nm						6000000 n			1300	
	Nitrocellulose	Change														1000000												
67-20-9	Nitrofurantoin	Winter 2015				1	0.1	0.07 H								430 n		5800 n						140 n			0.061	
67-20-9	Nitrofurantoin	Spring 2015				1	0.1	0.07 H								440 n		5700 n						140 n			0.061	
	Nitrofurantoin	Change														-10												
59-87-0	Nitrofurazone	Winter 2015				1	0.1					1.3 C	0.00037 C			0.41 c		1.8 c		0.0076 c		0.033 c		0.06 c			0.00054	
59-87-0	Nitrofurazone	Spring 2015				1	0.1					1.3 C	0.00037 C			0.42 c		1.8 c		0.0076 c		0.033 c		0.06 c			0.00054	
	Nitrofurazone	Change														0.01												
55-63-0	Nitroglycerin	Winter 2015				1	0.1	0.0001 P				0.017 P				0.62 n		8.2 n					0.2 n			0.000085		
55-63-0	Nitroglycerin	Spring 2015				1	0.1	0.0001 P				0.017 P				0.63 n		8.2 n					0.2 n			0.000085		
	Nitroglycerin	Change														0.01												
556-88-7	Nitroguanidine	Winter 2015				1	0.1	0.1 I								620 n		8200 n					200 n			0.048		
556-88-7	Nitroguanidine	Spring 2015				1	0.1	0.1 I								630 n		8200 n					200 n			0.048		
	Nitroguanidine	Change														10												
759-73-9	Nitroso-N-ethylurea, N-	Winter 2015		M		1	0.1			27 C		0.0077 C				0.0044 c		0.086 c		0.00013 c		0.0016 c		0.00092 c			0.0000022	
759-73-9	Nitroso-N-ethylurea, N-	Spring 2015		M		1	0.1			27 C		0.0077 C				0.0045 c		0.085 c		0.00013 c		0.0016 c		0.00092 c			0.0000022	
	Nitroso-N-ethylurea, N-	Change														-0.001												
924-16-3	Nitroso-di-N-butylamine, N-	Winter 2015		V		1						5.4 I	0.0016 I			0.094 c		0.43 c		0.0018 c		0.0077 c		0.0027 c			0.000055	
924-16-3	Nitroso-di-N-butylamine, N-	Spring 2015		V		1						5.4 I	0.0016 I			0.099 c		0.46 c		0.0018 c		0.0077 c		0.0027 c			0.000055	
	Nitroso-di-N-butylamine, N-	Change														0.005		0.03										
621-64-7	Nitroso-di-N-propylamine, N-	Winter 2015				1	0.1					7 I	0.002 C			0.076 c		0.33 c		0.0014 c		0.0061 c		0.011 c			0.0000081	
621-64-7	Nitroso-di-N-propylamine, N-	Spring 2015				1	0.1					7 I	0.002 C			0.078 c		0.33 c		0.0014 c		0.0061 c		0.011 c			0.0000081	
	Nitroso-di-N-propylamine, N-	Change														0.002												
62-75-9	Nitrosodimethylamine, N-	Winter 2015		M		1	0.1	0.000008 P		0.00004 X		51 I	0.014 I			0.0023 c*		0.045 c*		0.000072 c*		0.00088 c*		0.00049 c*			0.0000012	
62-75-9	Nitrosodimethylamine, N-	Spring 2015		M		1	0.1	0.000008 P		0.00004 X		51 I	0.014 I			0.002 c*		0.034 c*		0.000072 c*		0.00088 c*		0.00045 c*			0.0000011	
	Nitrosodimethylamine, N-	Change		X												-0.0003		-0.011										
10595-95-6	Nitrosomethylethylamine, N-	Winter 2015				1	0.1					22 I	0.0063 C															

CAS	Chemical	Observation	v o c	mutagen	GIABS	ABS	Csat (mg/kg)	RfDo (mg/kg-day)	k e y_2	RfCi (mg/m3)	k e y_3	SFO (mg/kg-day) ¹	k e y	IUR (ug/m3) ¹	k e y_1	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key_1	Resident Air (ug/m ³)	key_2	Industrial Air (ug/m ³)	key_3	Tapwater (ug/L)	key_4	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)
23135-22-0	Oxamyl	Winter 2015				1	0.1	0.025 I								150 n		2100 n					50 n		200	0.011	0.044	
23135-22-0	Oxamyl	Spring 2015				1	0.1	0.025 I								160 n		2100 n					50 n		200	0.011	0.044	
	Oxamyl	Change														10												
76738-62-0	Paclobutrazol	Winter 2015				1	0.1	0.013 I								80 n		1100 n					23 n			0.046		
76738-62-0	Paclobutrazol	Spring 2015				1	0.1	0.013 I								82 n		1100 n					23 n			0.046		
	Paclobutrazol	Change														2												
56-38-2	Parathion	Winter 2015				1	0.1	0.006 H								37 n		490 n					8.6 n			0.043		
56-38-2	Parathion	Spring 2015				1	0.1	0.006 H								38 n		490 n					8.6 n			0.043		
	Parathion	Change														1												
1114-71-2	Pebutlate	Winter 2015				1	0.1	0.05 H								310 n		4100 n					56 n			0.045		
1114-71-2	Pebutlate	Spring 2015	V			1		0.05 H								390 n		5800 n					56 n			0.045		
	Pebutlate	Change	X													80		1700										
32534-81-9	Pentabromodiphenyl Ether	Winter 2015				1	0.1	0.002 I								12 n		160 n					4 n			0.17		
32534-81-9	Pentabromodiphenyl Ether	Spring 2015				1	0.1	0.002 I								13 n		160 n					4 n			0.17		
	Pentabromodiphenyl Ether	Change														1												
60348-60-9	Pentabromodiphenyl ether, 2,2',4,4',5'- (BDE-99)	Winter 2015				1	0.1	0.0001 I								0.62 n		8.2 n					0.2 n			0.0087		
60348-60-9	Pentabromodiphenyl ether, 2,2',4,4',5'- (BDE-99)	Spring 2015				1	0.1	0.0001 I								0.63 n		8.2 n					0.2 n			0.0087		
	Pentabromodiphenyl ether, 2,2',4,4',5'- (BDE-99)	Change														0.01												
608-93-5	Pentachlorobenzene	Winter 2015				1	0.1	0.0008 I								4.9 n		66 n					0.32 n			0.0024		
608-93-5	Pentachlorobenzene	Spring 2015	V			1		0.0008 I								6.3 n		93 n					0.32 n			0.0024		
	Pentachlorobenzene	Change	X													1.4		27										
76-01-7	Pentachloroethane	Winter 2015				1	0.1					0.09 P				5.9 c		26 c					0.64 c			0.0031		
76-01-7	Pentachloroethane	Spring 2015	V			1		447				0.09 P				7.7 c		39 c					0.64 c			0.0031		
	Pentachloroethane	Change	X													1.8		10										
82-68-8	Pentachloronitrobenzene	Winter 2015				1	0.1	0.003 I				0.26 H				2 c**		8.9 c*					0.12 c*			0.0014		
82-68-8	Pentachloronitrobenzene	Spring 2015	V			1		0.003 I				0.26 H				2.7 c**		13 c*					0.12 c*			0.0014		
	Pentachloronitrobenzene	Change	X													0.7		4.1										
87-86-5	Pentachlorophenol	Winter 2015				1	0.25	0.005 I				0.4 I		0.0000051 C		0.99 c*		4 c*		0.55 c		2.4 c		0.04 c*	1		0.0004	0.01
87-86-5	Pentachlorophenol	Spring 2015				1	0.25	0.005 I				0.4 I		0.0000051 C		1 c*		4 c*		0.55 c		2.4 c		0.04 c*	1		0.0004	0.01
	Pentachlorophenol	Change														0.01												
78-11-5	Pentaerythritol tetranitrate (PETN)	Winter 2015				1	0.1	0.002 P				0.004 X				12 n		160 n					3.9 n			0.0058		
78-11-5	Pentaerythritol tetranitrate (PETN)	Spring 2015				1	0.1	0.002 P				0.004 X				13 n		160 n					3.9 n			0.0058		
	Pentaerythritol tetranitrate (PETN)	Change														1												
375-73-5	Perfluorobutane Sulfonate	Winter 2015				1	0.1	0.02 P								120 n		1600 n					38 n			0.021		
375-73-5	Perfluorobutane Sulfonate	Spring 2015	V			1		0.02 P								160 n		2300 n					38 n			0.021		
	Perfluorobutane Sulfonate	Change	X													40		700										
52645-53-1	Permethrin	Winter 2015				1	0.1	0.05 I								310 n		4100 n					100 n			24		
52645-53-1	Permethrin	Spring 2015				1	0.1	0.05 I								320 n		4100 n					100 n			24		
	Permethrin	Change														10												
62-44-2	Phenacetin	Winter 2015				1	0.1					0.0022 C		0.00000063 C		240 c		1000 c		4.5 c		19 c		34 c			0.0097	
62-44-2	Phenacetin	Spring 2015				1	0.1					0.0022 C		0.00000063 C		250 c		1000 c		4.5 c		19 c		34 c			0.0097	
	Phenacetin	Change														10												
13684-63-4	Phenmedipham	Winter 2015				1	0.1	0.25 I								1500 n		21000 n					400 n			2.1		
13684-63-4	Phenmedipham	Spring 2015				1	0.1	0.25 I								1600 n		21000 n					400 n			2.1		
	Phenmedipham	Change														100												
108-95-2	Phenol	Winter 2015				1	0.1	0.3 I						0.2 C		1800 n		25000 n		21 n		88 n		580 n			0.33	
108-95-2	Phenol	Spring 2015				1	0.1	0.3 I						0.2 C		1900 n		25000 n		21 n		88 n		580 n			0.33	
	Phenol	Change														100												
92-84-2	Phenothiazine	Winter 2015				1	0.1	0.0005 X								3.1 n		41 n					0.43 n			0.0014		
92-84-2	Phenothiazine	Spring 2015				1	0.1	0.0005 X								3.2 n		41 n					0.43 n			0.0014		
	Phenothiazine	Change														0.1												
108-45-2	Phenylenediamine, m-	Winter 2015				1	0.1	0.006 I								37 n		490 n					12 n			0.0032		
108-45-2	Phenylenediamine, m-	Spring 2015				1	0.1	0.006 I								38 n		490 n					12 n			0.0032		
	Phenylenediamine, m-	Change														1												
95-54-5	Phenylenediamine, o-	Winter 2015				1	0.1					0.047 H				11 c		49 c					1.6 c			0.00044		
95-54-5	Phenylenediamine, o-	Spring 2015				1	0.1					0.047 H				12 c		49 c					1.6 c			0.00044		
	Phenylenediamine, o-	Change														1												
90-43-7	Phenylphenol, 2-	Winter 2015				1	0.1					0.0019 H				270 c		1200 c					30 c			0.4		
90-43-7	Phenylphenol, 2-	Spring 2015				1	0.1					0.0019 H				280 c		1200 c					30 c			0.4		
	Phenylphenol, 2-	Change														10												
298-02-2	Phorate	Winter 2015				1	0.1	0.0002 H								1.2 n		16 n					0.3 n			0.00034		

CAS	Chemical	Type of Observation	v o c	mutagen	GIABS	ABS	Csat (mg/kg)	RfDo (mg/kg-day)	k e y_2	RfCi (mg/m3)	k e y_3	SFO (mg/kg-day) ¹	k e y	IUR (ug/m3) ¹	k e y_1	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key_1	Resident Air (ug/m ³)	key_2	Industrial Air (ug/m ³)	key_3	Tapwater (ug/L)	key_4	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)
1918-16-7	Propachlor	Winter 2015			1	0.1		0.013 I								80 n		1100 n					25 n				0.015	
1918-16-7	Propachlor	Spring 2015			1	0.1		0.013 I								82 n		1100 n					25 n				0.015	
	Propachlor	Change														2												
709-98-8	Propanil	Winter 2015			1	0.1		0.005 I								31 n		410 n					8.2 n				0.0045	
709-98-8	Propanil	Spring 2015			1	0.1		0.005 I								32 n		410 n					8.2 n				0.0045	
	Propanil	Change														1												
2312-35-8	Propargite	Winter 2015			1	0.1		0.02 I								120 n		1600 n					16 n				1.2	
2312-35-8	Propargite	Spring 2015			1	0.1		0.02 I								130 n		1600 n					16 n				1.2	
	Propargite	Change														10												
107-19-7	Propargyl Alcohol	Winter 2015			1	0.1		0.002 I								12 n		160 n					4 n				0.00081	
107-19-7	Propargyl Alcohol	Spring 2015	V		1		111000	0.002 I								16 n		230 n					4 n				0.00081	
	Propargyl Alcohol	Change	X													4		70										
139-40-2	Propazine	Winter 2015			1	0.1		0.02 I								120 n		1600 n					34 n				0.03	
139-40-2	Propazine	Spring 2015			1	0.1		0.02 I								130 n		1600 n					34 n				0.03	
	Propazine	Change														10												
122-42-9	Propham	Winter 2015			1	0.1		0.02 I								120 n		1600 n					35 n				0.022	
122-42-9	Propham	Spring 2015			1	0.1		0.02 I								130 n		1600 n					35 n				0.022	
	Propham	Change														10												
60207-90-1	Propiconazole	Winter 2015			1	0.1		0.013 I								80 n		1100 n					21 n				0.069	
60207-90-1	Propiconazole	Spring 2015			1	0.1		0.013 I								82 n		1100 n					21 n				0.069	
	Propiconazole	Change														2												
103-65-1	Propyl benzene	Winter 2015	V		1	0.1	264	0.1 X		1 X						330 ns		2200 ns		100 n		440 n		66 n			0.12	
103-65-1	Propyl benzene	Spring 2015	V		1	0.1	264	0.1 X		1 X						380 ns		2400 ns		100 n		440 n		66 n			0.12	
	Propyl benzene	Change														50		200										
115-07-1	Propylene	Winter 2015	V		1	0.1	349			3 C						220 n		930 ns		310 n		1300 n		630 n			0.6	
115-07-1	Propylene	Spring 2015	V		1	0.1	349			3 C						220 n		930 ns		310 n		1300 n		630 n			0.6	
	Propylene	Change																										
57-55-6	Propylene Glycol	Winter 2015			1	0.1		20 P								120000 nm		1600000 nm					40000 n				8.1	
57-55-6	Propylene Glycol	Spring 2015			1	0.1		20 P								130000 nm		1600000 nm					40000 n				8.1	
	Propylene Glycol	Change														10000												
1569-02-4	Propylene Glycol Monoethyl Ether	Winter 2015	V		1	0.1		0.7 H								4300 n		58000 n					1400 n				0.28	
1569-02-4	Propylene Glycol Monoethyl Ether	Spring 2015	V		1	0.1	85200	0.7 H								5500 n		82000 n					1400 n				0.28	
	Propylene Glycol Monoethyl Ether	Change	X													1200		24000										
107-98-2	Propylene Glycol Monomethyl Ether	Winter 2015			1	0.1		0.7 H		2 I						4300 n		58000 n		210 n		880 n		1400 n			0.28	
107-98-2	Propylene Glycol Monomethyl Ether	Spring 2015	V		1	0.1	106000	0.7 H		2 I						4100 n		37000 n		210 n		880 n		320 n			0.065	
	Propylene Glycol Monomethyl Ether	Change	X													-200		-21000					-1080				-0.215	
81335-77-5	Pursuit	Winter 2015			1	0.1		0.25 I								1500 n		21000 n					470 n				0.41	
81335-77-5	Pursuit	Spring 2015			1	0.1		0.25 I								1600 n		21000 n					470 n				0.41	
	Pursuit	Change														100												
51630-58-1	Pyridin	Winter 2015			1	0.1		0.025 I								150 n		2100 n					50 n				32	
51630-58-1	Pyridin	Spring 2015			1	0.1		0.025 I								160 n		2100 n					50 n				32	
	Pyridin	Change														10												
13593-03-8	Quinalphos	Winter 2015			1	0.1		0.0005 I								3.1 n		41 n					0.51 n				0.0043	
13593-03-8	Quinalphos	Spring 2015			1	0.1		0.0005 I								3.2 n		41 n					0.51 n				0.0043	
	Quinalphos	Change														0.1												
10453-86-8	Resmethrin	Winter 2015			1	0.1		0.03 I								180 n		2500 n					6.7 n				4.2	
10453-86-8	Resmethrin	Spring 2015			1	0.1		0.03 I								190 n		2500 n					6.7 n				4.2	
	Resmethrin	Change														10												
299-84-3	Ronnel	Winter 2015			1	0.1		0.05 H								310 n		4100 n					41 n				0.37	
299-84-3	Ronnel	Spring 2015	V		1	0.1		0.05 H								390 n		5800 n					41 n				0.37	
	Ronnel	Change	X													80		1700										
94-59-7	Safrole	Winter 2015		M	1	0.1						0.22 C	0.000063 C			0.54 c		10 c		0.016 c		0.19 c		0.095 c			0.000059	
94-59-7	Safrole	Spring 2015		M	1	0.1						0.22 C	0.000063 C			0.55 c		10 c		0.016 c		0.19 c		0.095 c			0.000059	
	Safrole	Change														0.01												
78587-05-0	Savey	Winter 2015			1	0.1		0.025 I								150 n		2100 n					11 n				0.05	
78587-05-0	Savey	Spring 2015			1	0.1		0.025 I								160 n		2100 n					11 n				0.05	
	Savey	Change														10												
74051-80-2	Sethoxydim	Winter 2015			1	0.1		0.09 I								550 n		7400 n					100 n				0.93	
74051-80-2	Sethoxydim	Spring 2015			1	0.1		0.09 I								570 n		7400 n					100 n				0.93	
	Sethoxydim	Change														20												
122-34-9	Simazine	Winter 2015			1	0.1		0.005 I				0.12 H				4.4 c**		19 c*					0.61 c*	4			0.0003	0.002
122-34-9	Simazine																											

CAS	Chemical	Observation	v o c	mutagen	GIABS	ABS	Csat (mg/kg)	RfDo (mg/kg-day)	k e y_2	RfCi (mg/m3)	k e y_3 (mg/kg-day) ¹	IUR (ug/m3) ¹	k e y_1	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key_1	Resident Air (ug/m ³)	key_2	Industrial Air (ug/m ³)	key_3	Tapwater (ug/L)	key_4	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)
88671-89-0	Systhane	Winter 2015			1	0.1		0.025 I						150 n		2100 n						45 n			0.56	
88671-89-0	Systhane	Spring 2015			1	0.1		0.025 I						160 n		2100 n						45 n			0.56	
	Systhane	Change																								
21564-17-0	TCMTB	Winter 2015			1	0.1		0.03 H						180 n		2500 n						48 n			0.33	
21564-17-0	TCMTB	Spring 2015			1	0.1		0.03 H						190 n		2500 n						48 n			0.33	
	TCMTB	Change												10												
34014-18-1	Tebuthiuron	Winter 2015			1	0.1		0.07 I						430 n		5800 n						140 n			0.039	
34014-18-1	Tebuthiuron	Spring 2015			1	0.1		0.07 I						440 n		5700 n						140 n			0.039	
	Tebuthiuron	Change												10		-100										
3383-96-8	Temephos	Winter 2015			1	0.1		0.02 H						120 n		1600 n						40 n			7.6	
3383-96-8	Temephos	Spring 2015			1	0.1		0.02 H						130 n		1600 n						40 n			7.6	
	Temephos	Change												10												
5902-51-2	Terbacil	Winter 2015			1	0.1		0.013 I						80 n		1100 n						25 n			0.0075	
5902-51-2	Terbacil	Spring 2015			1	0.1		0.013 I						82 n		1100 n						25 n			0.0075	
	Terbacil	Change												2												
13071-79-9	Terbufos	Winter 2015			1	0.1		0.00025 H						0.15 n		2.1 n						0.024 n			0.000052	
13071-79-9	Terbufos	Spring 2015	V		1		30.9	0.00025 H						0.2 n		2.9 n						0.024 n			0.000052	
	Terbufos	Change	X											0.05		0.8										
886-50-0	Terbutryn	Winter 2015			1	0.1		0.001 I						6.2 n		82 n						1.3 n			0.0019	
886-50-0	Terbutryn	Spring 2015			1	0.1		0.001 I						6.3 n		82 n						1.3 n			0.0019	
	Terbutryn	Change												0.1												
5436-43-1	Tetrabromodiphenyl ether, 2,2',4,4'-(BDE-47)	Winter 2015			1	0.1		0.0001 I						0.62 n		8.2 n						0.2 n			0.0053	
5436-43-1	Tetrabromodiphenyl ether, 2,2',4,4'-(BDE-47)	Spring 2015			1	0.1		0.0001 I						0.63 n		8.2 n						0.2 n			0.0053	
	Tetrabromodiphenyl ether, 2,2',4,4'-(BDE-47)	Change												0.01												
95-94-3	Tetrachlorobenzene, 1,2,4,5-	Winter 2015			1	0.1		0.0003 I						1.8 n		25 n						0.17 n			0.00079	
95-94-3	Tetrachlorobenzene, 1,2,4,5-	Spring 2015	V		1			0.0003 I						2.3 n		35 n						0.17 n			0.00079	
	Tetrachlorobenzene, 1,2,4,5-	Change	X											0.5		10										
58-90-2	Tetrachlorophenol, 2,3,4,6-	Winter 2015			1	0.1		0.03 I						180 n		2500 n						24 n			0.15	
58-90-2	Tetrachlorophenol, 2,3,4,6-	Spring 2015			1	0.1		0.03 I						190 n		2500 n						24 n			0.15	
	Tetrachlorophenol, 2,3,4,6-	Change												10												
5216-25-1	Tetrachlorotoluene, p-alpha, alpha, alpha-	Winter 2015			1	0.1					20 H			0.027 c		0.12 c						0.0013 c			0.000044	
5216-25-1	Tetrachlorotoluene, p-alpha, alpha, alpha-	Spring 2015	V		1						20 H			0.035 c		0.16 c						0.0013 c			0.000044	
	Tetrachlorotoluene, p-alpha, alpha, alpha-	Change	X											0.008		0.04										
3689-24-5	Tetraethyl Dithiopyrophosphate	Winter 2015			1	0.1		0.0005 I						3.1 n		41 n						0.71 n			0.00052	
3689-24-5	Tetraethyl Dithiopyrophosphate	Spring 2015			1	0.1		0.0005 I						3.2 n		41 n						0.71 n			0.00052	
	Tetraethyl Dithiopyrophosphate	Change												0.1												
479-45-8	Tetryl (Trinitrophenylmethylnitramine)	Winter 2015			1	0.1		0.002 P						12 n		160 n						3.9 n			0.037	
479-45-8	Tetryl (Trinitrophenylmethylnitramine)	Spring 2015			1	0.1		0.002 P						16 n		230 n						3.9 n			0.037	
	Tetryl (Trinitrophenylmethylnitramine)	Change				-0.1								4		70										
563-68-8	Thallium Acetate	Winter 2015			1			0.000006 X						0.047 n		0.7 n						0.012 n				
563-68-8	Thallium Acetate	Spring 2015	V		1	0.1		0.000006 X						0.038 n		0.49 n						0.012 n				
	Thallium Acetate	Change	X											-0.009		-0.21										
6533-73-9	Thallium Carbonate	Winter 2015			1			0.00002 X						0.16 n		2.3 n						0.04 n				
6533-73-9	Thallium Carbonate	Spring 2015			1	0.1		0.00002 X						0.13 n		1.6 n						0.04 n				
	Thallium Carbonate	Change												-0.03		-0.7										
28249-77-6	Thiobencarb	Winter 2015			1	0.1		0.01 I						62 n		820 n						16 n			0.055	
28249-77-6	Thiobencarb	Spring 2015			1	0.1		0.01 I						63 n		820 n						16 n			0.055	
	Thiobencarb	Change												1												
39196-18-4	Thiofanox	Winter 2015			1	0.1		0.0003 H						1.8 n		25 n						0.53 n			0.00018	
39196-18-4	Thiofanox	Spring 2015			1	0.1		0.0003 H						1.9 n		25 n						0.53 n			0.00018	
	Thiofanox	Change												0.1												
23564-05-8	Thiophanate, Methyl	Winter 2015			1	0.1		0.08 I						490 n		6600 n						160 n			0.14	
23564-05-8	Thiophanate, Methyl	Spring 2015			1	0.1		0.08 I						510 n		6600 n						160 n			0.14	
	Thiophanate, Methyl	Change												20												
137-26-8	Thiram	Winter 2015			1	0.1		0.005 I						31 n		410 n						9.8 n			0.014	
137-26-8	Thiram	Spring 2015			1	0.1		0.005 I						32 n		410 n						9.8 n			0.014	
	Thiram	Change												1												
7550-45-0	Titanium Tetrachloride	Winter 2015			1					0.0001 A				14000 n		60000 n		0.01 n		0.044 n						
7550-45-0	Titanium Tetrachloride	Spring 2015	V		1					0.0001 A				14000 n		60000 n		0.01 n		0.044 n		0.021 n				
	Titanium Tetrachloride	Change	X																							
95-70-5	Toluene-2,5-diamine	Winter 2015			1	0.1		0.0002 X					0.18 X	1.2 n		13 c**						0.4 n			0.00012	
95-70-5	Toluene-2,5-diamine	Spring 2015			1	0.1		0.0002 X					0.18 X	1.3 n		13 c**						0.4 n			0.00012	
	Toluene-2,5-diamine	Change												0.1												
8001-35-2	Toxaphene	Winter 2015			1	0.1								0.48 c		2.1 c		0.0088 c								

CAS	Chemical	Observation	v o c	mutagen	GIABS	ABS	Csat (mg/kg)	RfDo (mg/kg-day)	k e y_2	RfCi (mg/m3)	k e y_3	SFO (mg/kg-day) ¹	k e y	IUR (ug/m3) ¹	k e y_1	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key_1	Resident Air (ug/m ³)	key_2	Industrial Air (ug/m ³)	key_3	Tapwater (ug/L)	key_4	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)
~Aroclor 1242	Change	X														-0.01		-0.03		0.0049 c		0.021 c		-0.0312			-0.0049	
12672-29-6	~Aroclor 1248	Winter 2015				1	0.14					2 S	0.00057 S			0.24 c		1 c		0.0049 c		0.021 c		0.039 c			0.006	
12672-29-6	~Aroclor 1248	Spring 2015	V			1	0.14					2 S	0.00057 S			0.23 c		0.94 c		0.0049 c		0.021 c		0.0078 c			0.0012	
~Aroclor 1248	Change	X														-0.01		-0.05						-0.0312			-0.0049	
11097-69-1	~Aroclor 1254	Winter 2015				1	0.14	0.00002 I				2 S	0.00057 S			0.11 n		1 c**		0.0049 c		0.021 c		0.039 c**			0.01	
11097-69-1	~Aroclor 1254	Spring 2015	V			1	0.14	0.00002 I				2 S	0.00057 S			0.12 n		0.97 c**		0.0049 c		0.021 c		0.0078 c**			0.002	
~Aroclor 1254	Change	X														0.01		-0.03						-0.0312			-0.008	
11096-82-5	~Aroclor 1260	Winter 2015				1	0.14					2 S	0.00057 S			0.24 c		1 c		0.0049 c		0.021 c		0.039 c			0.027	
11096-82-5	~Aroclor 1260	Spring 2015	V			1	0.14					2 S	0.00057 S			0.24 c		0.99 c		0.0049 c		0.021 c		0.0078 c			0.0055	
~Aroclor 1260	Change	X															-0.01							-0.0312			-0.0215	
11126-42-4	~Aroclor 5460	Winter 2015				1	0.1	0.0006 X								3.7 n		49 n						1.2 n			0.2	
11126-42-4	~Aroclor 5460	Spring 2015	V			1	0.14	0.0006 X								3.5 n		44 n						1.2 n			0.2	
~Aroclor 5460	Change	X														-0.2		-5										
56-55-3	~Benz[a]anthracene	Winter 2015		M		1	0.13					0.73 E	0.00011 C			0.15 c		2.9 c		0.0092 c		0.11 c		0.034 c			0.012	
56-55-3	~Benz[a]anthracene	Spring 2015	V	M		1	0.13					0.73 E	0.00011 C			0.16 c		2.9 c		0.0092 c		0.11 c		0.033 c			0.012	
~Benz[a]anthracene	Change	X																										
205-82-3	~Benzo[j]fluoranthene	Winter 2015				1	0.13					1.2 C	0.00011 C			0.41 c		1.8 c		0.026 c		0.11 c		0.065 c			0.078	
205-82-3	~Benzo[j]fluoranthene	Spring 2015				1	0.13					1.2 C	0.00011 C			0.42 c		1.8 c		0.026 c		0.11 c		0.065 c			0.078	
~Benzo[j]fluoranthene	Change															0.01												
50-32-8	~Benzo[a]pyrene	Winter 2015		M		1	0.13					7.3 I	0.0011 C			0.015 c		0.29 c		0.00092 c		0.011 c		0.0034 c	0.2		0.004	0.24
50-32-8	~Benzo[a]pyrene	Spring 2015	V	M		1	0.13					7.3 I	0.0011 C			0.016 c		0.29 c		0.00092 c		0.011 c		0.0034 c	0.2		0.004	0.24
~Benzo[a]pyrene	Change															0.001												
205-99-2	~Benzo[b]fluoranthene	Winter 2015		M		1	0.13					0.73 E	0.00011 C			0.15 c		2.9 c		0.0092 c		0.11 c		0.034 c			0.041	
205-99-2	~Benzo[b]fluoranthene	Spring 2015	V	M		1	0.13					0.73 E	0.00011 C			0.16 c		2.9 c		0.0092 c		0.11 c		0.034 c			0.041	
~Benzo[b]fluoranthene	Change															0.01												
207-08-9	~Benzo[k]fluoranthene	Winter 2015		M		1	0.13					0.073 E	0.00011 C			1.5 c		29 c		0.0092 c		0.11 c		0.034 c			0.4	
207-08-9	~Benzo[k]fluoranthene	Spring 2015	V	M		1	0.13					0.073 E	0.00011 C			1.6 c		29 c		0.0092 c		0.11 c		0.034 c			0.4	
~Benzo[k]fluoranthene	Change															0.1												
117-81-7	~Bis(2-ethylhexyl)phthalate	Winter 2015				1	0.1	0.02 I				0.014 I	0.000024 C			38 c**		160 c*		1.2 c		5.1 c		5.6 c**	6		1.3	1.4
117-81-7	~Bis(2-ethylhexyl)phthalate	Spring 2015	V			1	0.1	0.02 I				0.014 I	0.000024 C			39 c**		160 c*		1.2 c		5.1 c		5.6 c**	6		1.3	1.4
~Bis(2-ethylhexyl)phthalate	Change															1												
85-70-1	~Butylphthalyl Butylglycolate	Winter 2015				1	0.1		1 I							6200 n		82000 n						1300 n			30	
85-70-1	~Butylphthalyl Butylglycolate	Spring 2015	V			1	0.1		1 I							6300 n		82000 n						1300 n			30	
~Butylphthalyl Butylglycolate	Change															100												
91-58-7	~Chloronaphthalene, Beta-	Winter 2015		V		1		0.08 I								630 n		9300 n						75 n			0.38	
91-58-7	~Chloronaphthalene, Beta-	Spring 2015	V			1	0.13	0.08 I								480 n		6000 n						75 n			0.38	
~Chloronaphthalene, Beta-	Change															-150		-3300										
218-01-9	~Chrysene	Winter 2015		M		1	0.13					0.0073 E	0.000011 C			15 c		290 c		0.092 c		1.1 c		3.4 c			1.2	
218-01-9	~Chrysene	Spring 2015	V	M		1	0.13					0.0073 E	0.000011 C			16 c		290 c		0.092 c		1.1 c		3.4 c			1.2	
~Chrysene	Change															1												
57-12-5	~Cyanide (CN-)	Winter 2015		V		1		10000000	0.0006 I			0.0008 S				2.1 n		13 n		0.083 n		0.35 n		0.15 n	200		0.0015	2
57-12-5	~Cyanide (CN-)	Spring 2015	V			1		9720000	0.0006 I			0.0008 S				0.27 n		1.2 n		0.083 n		0.35 n		0.15 n	200		0.0015	2
~Cyanide (CN-)	Change							-9028000								-1.83		-11.8										
53-70-3	~Dibenz[a,h]anthracene	Winter 2015		M		1	0.13					7.3 E	0.0012 C			0.015 c		0.29 c		0.00084 c		0.01 c		0.0034 c			0.013	
53-70-3	~Dibenz[a,h]anthracene	Spring 2015	V	M		1	0.13					7.3 E	0.0012 C			0.016 c		0.29 c		0.00084 c		0.01 c		0.0034 c			0.013	
~Dibenz[a,h]anthracene	Change															0.001												
192-65-4	~Dibenzofuran	Winter 2015				1	0.13					12 C	0.0011 C			0.041 c		0.18 c		0.0026 c		0.011 c		0.0065 c			0.084	
192-65-4	~Dibenzofuran	Spring 2015	V			1	0.13					12 C	0.0011 C			0.042 c		0.18 c		0.0026 c		0.011 c		0.0065 c			0.084	
~Dibenzofuran	Change															0.001												
132-64-9	~Dibenzofuran	Winter 2015		V		1	0.03	0.001 X								7.2 n		100 n						0.79 n			0.015	
132-64-9	~Dibenzofuran	Spring 2015	V			1	0.03	0.001 X								7.3 n		100 n						0.79 n			0.015	
~Dibenzofuran	Change															0.1												
84-74-2	~Diethyl Phthalate	Winter 2015				1	0.1		0.1 I							620 n		8200 n						90 n			0.23	
84-74-2	~Diethyl Phthalate	Spring 2015	V			1	0.1		0.1 I							630 n		8200 n						90 n			0.23	
~Diethyl Phthalate	Change															10												
84-66-2	~Diethyl Phthalate	Winter 2015				1	0.1		0.8 I							4900 n		66000 n						1500 n			0.61	
84-66-2	~Diethyl Phthalate	Spring 2015	V			1	0.1																					

CAS	Chemical	Observation	v o c	mutagen	GIABS	ABS	Csat (mg/kg)	RfDo (mg/kg-day)	k e y _ 2	RfCi (mg/m3)	k e y _ 3	SFO (mg/kg-day) ¹	k e y	IUR (ug/m3) ¹	k e y _ 1	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key _ 1	Resident Air (ug/m ³)	key _ 2	Industrial Air (ug/m ³)	key _ 3	Tapwater (ug/L)	key _ 4	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)
	~Lead and Compounds	Change																										
1335-32-6	~Lead subacetate	Winter 2015			1	0.1						0.0085 C		0.000012 C		63 c		270 c		0.23 c		1 c		9.2 c				
1335-32-6	~Lead subacetate	Spring 2015			1	0.1						0.0085 C		0.000012 C		64 c		270 c		0.23 c		1 c		9.2 c				
	~Lead subacetate	Change																										
90-12-0	~Methylnaphthalene, 1-	Winter 2015	V			1	0.13	0.07 A				0.029 P				17 c*		73 c*					1.1 c*				0.0058	
90-12-0	~Methylnaphthalene, 1-	Spring 2015	V			1	0.13	0.07 A				0.029 P				18 c*		73 c*					1.1 c*				0.0058	
	~Methylnaphthalene, 1-	Change														1												
91-57-6	~Methylnaphthalene, 2-	Winter 2015	V			1	0.13	0.004 I								23 n		300 n					3.6 n				0.019	
91-57-6	~Methylnaphthalene, 2-	Spring 2015	V			1	0.13	0.004 I								24 n		300 n					3.6 n				0.019	
	~Methylnaphthalene, 2-	Change																										
57835-92-4	~Nitropyrene, 4-	Winter 2015				1	0.13					1.2 C		0.00011 C		0.41 c		1.8 c		0.026 c		0.11 c		0.019 c			0.0032	
57835-92-4	~Nitropyrene, 4-	Spring 2015				1	0.13					1.2 C		0.00011 C		0.42 c		1.8 c		0.026 c		0.11 c		0.019 c			0.0032	
	~Nitropyrene, 4-	Change														0.01												
117-84-0	~Octyl Phthalate, di-N-	Winter 2015			1	0.1		0.01 P								62 n		820 n					20 n				5.7	
117-84-0	~Octyl Phthalate, di-N-	Spring 2015			1	0.1		0.01 P								63 n		820 n					20 n				5.7	
	~Octyl Phthalate, di-N-	Change														1												
65510-44-3	~Pentachlorobiphenyl, 2,3,4,4',5- (PCB 123)	Winter 2015				1	0.14	0.000023 E		0.0013 E		3.9 E		0.0011 E		0.12 c**		0.53 c**		0.0025 c*		0.011 c*		0.02 c**			0.0052	
65510-44-3	~Pentachlorobiphenyl, 2,3,4,4',5- (PCB 123)	Spring 2015	V			1	0.14	0.000023 E		0.0013 E		3.9 E		0.0011 E		0.12 c**		0.53 c**		0.0025 c*		0.011 c*		0.004 c*			0.001	
	~Pentachlorobiphenyl, 2,3,4,4',5- (PCB 123)	Change	X																				-0.016 X				-0.0042	
31508-00-6	~Pentachlorobiphenyl, 2,3',4,4',5- (PCB 118)	Winter 2015				1	0.14	0.000023 E		0.0013 E		3.9 E		0.0011 E		0.12 c**		0.53 c**		0.0025 c*		0.011 c*		0.02 c**			0.0051	
31508-00-6	~Pentachlorobiphenyl, 2,3',4,4',5- (PCB 118)	Spring 2015	V			1	0.14	0.000023 E		0.0013 E		3.9 E		0.0011 E		0.12 c**		0.53 c**		0.0025 c*		0.011 c*		0.004 c*			0.001	
	~Pentachlorobiphenyl, 2,3',4,4',5- (PCB 118)	Change	X																				-0.016 X				-0.0041	
32598-14-4	~Pentachlorobiphenyl, 2,3,3',4,4'- (PCB 105)	Winter 2015				1	0.14	0.000023 E		0.0013 E		3.9 E		0.0011 E		0.12 c**		0.53 c**		0.0025 c*		0.011 c*		0.02 c**			0.0052	
32598-14-4	~Pentachlorobiphenyl, 2,3,3',4,4'- (PCB 105)	Spring 2015	V			1	0.14	0.000023 E		0.0013 E		3.9 E		0.0011 E		0.12 c**		0.53 c**		0.0025 c*		0.011 c*		0.004 c*			0.001	
	~Pentachlorobiphenyl, 2,3,3',4,4'- (PCB 105)	Change	X																				-0.016 X				-0.0042	
74472-37-0	~Pentachlorobiphenyl, 2,3,4,4',5- (PCB 114)	Winter 2015				1	0.14	0.000023 E		0.0013 E		3.9 E		0.0011 E		0.12 c**		0.53 c**		0.0025 c*		0.011 c*		0.02 c**			0.0052	
74472-37-0	~Pentachlorobiphenyl, 2,3,4,4',5- (PCB 114)	Spring 2015	V			1	0.14	0.000023 E		0.0013 E		3.9 E		0.0011 E		0.12 c**		0.53 c**		0.0025 c*		0.011 c*		0.004 c*			0.001	
	~Pentachlorobiphenyl, 2,3,4,4',5- (PCB 114)	Change	X																				-0.016 X				-0.0042	
57465-28-8	~Pentachlorobiphenyl, 3,3',4,4',5- (PCB 126)	Winter 2015				1	0.14	7E-09 E		0.0000004 E		13000 E		3.8 E		0.000037 c**		0.00016 c**		0.00000074 c*		0.00000032 c*		0.00000012 c*			0.00000015	
57465-28-8	~Pentachlorobiphenyl, 3,3',4,4',5- (PCB 126)	Spring 2015	V			1	0.14	7E-09 E		0.0000004 E		13000 E		3.8 E		0.000037 c**		0.00015 c**		0.00000074 c*		0.00000032 c*		0.00000012 c*			0.00000015	
	~Pentachlorobiphenyl, 3,3',4,4',5- (PCB 126)	Change	X																									
62-38-4	~Phenylmercuric Acetate	Winter 2015				1	0.1	0.00008 I								0.49 n		6.6 n					0.16 n				0.00005	
62-38-4	~Phenylmercuric Acetate	Spring 2015				1	0.1	0.00008 I								0.51 n		6.6 n					0.16 n				0.00005	
	~Phenylmercuric Acetate	Change														0.02												
100-21-0	~Phthalic Acid, P-	Winter 2015				1	0.1	1 H								6200 n		82000 n					1900 n				0.68	
100-21-0	~Phthalic Acid, P-	Spring 2015				1	0.1	1 H								6300 n		82000 n					1900 n				0.68	
	~Phthalic Acid, P-	Change														100												
85-44-9	~Phthalic Anhydride	Winter 2015				1	0.1	2 I		0.02 C						12000 n		160000 nm		2.1 n		8.8 n		3900 n			0.85	
85-44-9	~Phthalic Anhydride	Spring 2015				1	0.1	2 I		0.02 C						13000 n		160000 nm		2.1 n		8.8 n		3900 n			0.85	
	~Phthalic Anhydride	Change														1000												
1336-36-3	~Polychlorinated Biphenyls (high risk)	Winter 2015				1	0.14					2 I		0.00057 I						1 c		0.0049 c		0.021 c				
1336-36-3	~Polychlorinated Biphenyls (high risk)	Spring 2015	V			1	0.14					2 I		0.00057 I						0.23 c		0.0049 c		0.021 c				
	~Polychlorinated Biphenyls (high risk)	Change	X																									
1336-36-3	~Polychlorinated Biphenyls (low risk)	Winter 2015				1	0.14					0.4 I		0.0001 I							0.028 c		0.12 c		0.19 c	0.5	0.03	0.078
1336-36-3	~Polychlorinated Biphenyls (low risk)	Spring 2015	V			1	0.14					0.4 I		0.0001 I							0.028 c		0.12 c		0.044 c	0.5	0.0068	0.078
	~Polychlorinated Biphenyls (low risk)	Change	X																				-0.146				-0.0232	
1336-36-3	~Polychlorinated Biphenyls (lowest risk)	Winter 2015				1	0.14					0.07 I		0.00002 I							0.14 c		0.61 c					
1336-36-3	~Polychlorinated Biphenyls (lowest risk)	Spring 2015	V			1	0.14					0.07 I		0.00002 I							0.14 c		0.61 c					
	~Polychlorinated Biphenyls (lowest risk)	Change	X																									
129-00-0	~Pyrene	Winter 2015	V			1	0.13	0.03 I								170 n		2300 n					12 n				1.3	
129-00-0	~Pyrene	Spring 2015	V			1	0.13	0.03 I								180 n		2300 n					12 n				1.3	
	~Pyrene	Change														10												
1746-01-6	~TCDD, 2,3,7,8-	Winter 2015				1	0.03	7E-10 I		4E-08 C		130000 C		38 C		0.0000049 c**		0.000022 c**		7.4E-08 c*		3.2E-07 c*		0.0000006 c**		0.00003	0.0000003	0.0000015
1746-01-6	~TCDD, 2,3,7,8-	Spring 2015	V			1	0.03	7E-10 I		4E-08 C		130000 C		38 C		0.0000048 c**		0.000022 c**		7.4E-08 c*		3.2E-07 c*		1.2E-07 c*		0.00003	0.000000059	0.000015
	~TCDD, 2,3,7,8-	Change	X																									
32598-13-3	~Tetrachlorobiphenyl, 3,3',4,4'- (PCB 77)	Winter 2015																										