

CAS	Chemica	Observation	Type of	vo c	mulager	GIABS	ABS	Csat (mg/kg)	RfDo (mg/kg-day)	key_y_2	RfCI (mg/m3)	key_y_3	SFO (mg/kg-day) ¹	key_y_1	IUR (ug/m3) ¹	key_y_1	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key_1	Resident Air (ug/m ³)	key_2	Industra Air (ug/m ³)	key_3	Tapwater (ug/L)	key_4	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)		
111-91-1	Bis(2-chloroethoxy)methane	Spring 2015	Change Effect				1	0.1	0.003 P								190 n	2900 n						69 n				0.013			
80-05-7	Bisphenol A	Winter 2015	Change Effect				1	0.1	0.051								3100 n	4100 n						770 n				58			
80-05-7	Bisphenol A	Spring 2015	Change Effect				1	0.1	0.051								3200 n	4100 n						770 n				58			
10294-34-4	Boron Trichloride	Winter 2015	Change Effect				1		2 P		0.02 P						160000 nm	2300000 nm		21 n		88 n		4000 n							
10294-34-4	Boron Trichloride	Spring 2015	Change Effect				1		2 P		0.02 P						160000 nm	2300000 nm		21 n		88 n		4000 n							
7637-07-2	Boron Trifluoride	Winter 2015	Change Effect				1		0.04 C		0.013 C						3100 n	4700 n		14 n			57 n		800 n						
7637-07-2	Boron Trifluoride	Spring 2015	Change Effect				1		0.04 C		0.013 C						3100 n	4700 n		14 n			57 n		800 n						
75-25-2	Bromoforn	Winter 2015	Change Effect				1	0.1	0.021				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	Bromoforn	Spring 2015	Change Effect				1		915		0.021		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			
2104-96-3	Bromophos	Winter 2015	Change Effect				1	0.1	0.005 H		0.005 H					310 n	4100 n							35 n				0.15			
2104-96-3	Bromophos	Spring 2015	Change Effect				1		0.005 H		0.005 H					390 n	5800 n							35 n				0.15			
1689-84-5	Bromoxynil	Winter 2015	Change Effect				1	0.1	0.021							1200 n	16000 n							330 n				0.28			
1689-84-5	Bromoxynil	Spring 2015	Change Effect				1	0.1	0.021							1300 n	16000 n							330 n				0.28			
1689-99-2	Bromoxynil Octanoate	Winter 2015	Change Effect				1	0.1	0.021							1200 n	16000 n							140 n				1.2			
1689-99-2	Bromoxynil Octanoate	Spring 2015	Change Effect				1		0.021							1600 n	23000 n							140 n				1.2			
71-36-3	Butanol, N	Winter 2015	Change Effect				1	0.1	0.11							6200 n	82000 n							2000 n				0.41			
71-36-3	Butanol, N	Spring 2015	Change Effect				1		0.11							7800 nms	120000 nms							2000 n				0.41			
85-68-7	Butyl Benzy Phthlat	Winter 2015	Change Effect				1	0.1	0.21				0.0019 P			280 c*	1200 c*							16 c				0.23			
85-68-7	Butyl Benzy Phthlat	Spring 2015	Change Effect				1	0.1	0.21				0.0019 P			290 c*	1200 c*							16 c				0.23			
78-92-2	Butyl alcohol, sec	Winter 2015	Change Effect				1	0.1	2 P		30 P					120000 nm	1600000 nm		31000 n		130000 n		40000 n					8.1			
78-92-2	Butyl alcohol, sec	Spring 2015	Change Effect				1		2 P		30 P					130000 nms	1500000 nms		31000 n		130000 n		24000 n					5			
2008-41-5	Butylate	Winter 2015	Change Effect				1	0.1	0.051							3100 n	41000 n							460 n				0.45			
2008-41-5	Butylate	Spring 2015	Change Effect				1		0.051							3900 n	58000 n							460 n				0.45			
25013-16-5	Butylated hydroxyanisole	Winter 2015	Change Effect				1	0.1	0.02 A				0.0002 C	0.00000057 C		800	17000				49 c		220 c		240 c			0.45			
25013-16-5	Butylated hydroxyanisole	Spring 2015	Change Effect				1		0.02 A				0.0002 C	0.00000057 C		2700 c	11000 c				49 c		220 c		240 c			0.45			
75-60-5	Cacodylic Acid	Winter 2015	Change Effect				1	0.1	0.02 A							1200 n	16000 n							400 n				0.45			
75-60-5	Cacodylic Acid	Spring 2015	Change Effect				1		0.02 A							1300 n	16000 n							400 n				0.45			
7440-43-3	Cadmium (Diet)	Winter 2015	Change Effect				0.025	0.001	0.0011		0.00001 A			0.0018 I		70 n	980 n														
7440-43-3	Cadmium (Diet)	Spring 2015	Change Effect				0.025	0.001	0.0011		0.00001 A			0.0018 I		71 n	980 n														
133-06-2	Captan	Winter 2015	Change Effect				1	0.1	0.131				0.0023 C	0.0000006 C		230 c*	1000 c*				4.3 c		19 c		31 c*			0.022			
133-06-2	Captan	Spring 2015	Change Effect				1		0.131				0.0023 C	0.0000006 C		240 c*	1000 c*				4.3 c		19 c		31 c*			0.022			
63-25-2	Carbaryl	Winter 2015	Change Effect				1	0.1	0.11							6200 n	82000 n							1800 n				1.7			
63-25-2	Carbaryl	Spring 2015	Change Effect				1		0.11							6300 n	82000 n							1800 n				1.7			
1563-68-2	Carbofuran	Winter 2015	Change Effect				1	0.1	0.0051							100	4100 n							94 n	40			0.037	0.016		
1563-68-2	Carbofuran	Spring 2015	Change Effect				1		0.0051							320 n	4100 n							94 n	40			0.037	0.016		
55285-14-4	Carbosulfan	Winter 2015	Change Effect				1	0.1	0.011							620 n	8200 n							51 n				1.2			
55285-14-4	Carbosulfan	Spring 2015	Change Effect				1		0.011							630 n	8200 n							51 n				1.2			
5234-68-4	Carboxin	Winter 2015	Change Effect				1	0.1	0.11							6200 n	82000 n							1900 n				1			
5234-68-4	Carboxin	Spring 2015	Change Effect				1		0.11							6300 n	82000 n							1900 n				1			
302-17-0	Chloral Hydrate	Winter 2015	Change Effect				1	0.1	0.11							100	8200 n							2000 n				0.4			
302-17-0	Chloral Hydrate	Spring 2015	Change Effect				1		0.11							6200 n	120000 nm							2000 n				0.4			
133-90-4	Chloramben	Winter 2015	Change Effect				1	0.1	0.0151							920 n	12000 n							260 n				0.07			
133-90-4	Chloramben	Spring 2015	Change Effect				1		0.0151							950 n	12000 n							260 n				0.07			
12789-03-4	Chlordane	Winter 2015	Change Effect				1	0.04	0.00051		0.00071		0.35 I	0.00011 I		1.8 c*	8 c*				0.028 c*		0.12 c*		0.22 c*	2		0.015	0.14		
12789-03-4	Chlordane	Spring 2015	Change Effect				1	0.04	0.00051		0.00071		0.35 I	0.00011 I		1.7 c*	7.5 c*				0.028 c*		0.12 c*		0.045 c*	2		0.003	0.14		
143-50-0	Chlordecone (Kepone)	Winter 2015	Change Effect				1	0.1	0.00031				10 I	0.0046 C		0.053 c	0.23 c				0.00061 c		0.0027 c		0.0035 c			0.00012			
143-50-0	Chlordecone (Kepone)	Spring 2015	Change Effect				1		0.00031				10 I	0.0046 C		0.054 c	0.23 c				0.00061 c		0.0027 c		0.0035 c			0.00012			
470-90-6	Chlorfenvinphos	Winter 2015	Change Effect				1	0.1	0.0007 A							43 n	580 n							11 n				0.031			
470-90-6	Chlorfenvinphos	Spring 2015	Change Effect				1		0.0007 A							44 n	570 n							11 n				0.031			
90882-32-4	Chlorimuron, Ethyl	Winter 2015	Change Effect				1	0.1	0.021							1200 n	16000 n							390 n				0.13			
90882-32-4	Chlorimuron, Ethyl	Spring 2015	Change Effect				1		0.021							1300 n	16000 n							390 n				0.13			
7782-50-5	Chlorine	Winter 2015	Change Effect				1		0.11		0.00015 A					7500 n	100000 nm				0.15 n		0.64 n		2000 n			0.9			
7782-50-5	Chlorine	Spring 2015	Change Effect				1		0.11		0.00015 A					0.15 n	0.78 n				0.15 n		0.64 n		0.3 n			0.00014			

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2921-88-2	Chlorpyrifos	Change Effect													1000													
2921-88-2	Chlorpyrifos	Winter 2015				1	0.1	0.001 A							62 n		820 n						8.4 n			0.12		
2921-88-2	Chlorpyrifos	Spring 2015				1	0.1	0.001 A							63 n		820 n						8.4 n			0.12		
5598-13-0	Chlorpyrifos Methyl	Change Effect																										
5598-13-0	Chlorpyrifos Methyl	Winter 2015				1	0.1	0.01 H							620 n		8200 n						120 n			0.54		
5598-13-0	Chlorpyrifos Methyl	Spring 2015				1	0.1	0.01 H							630 n		8200 n						120 n			0.54		
64902-72-3	Chlorosulfuron	Change Effect													10													
64902-72-3	Chlorosulfuron	Winter 2015				1	0.1	0.05 I							3100 n		41000 n						990 n			0.83		
64902-72-3	Chlorosulfuron	Spring 2015				1	0.1	0.05 I							3200 n		41000 n						990 n			0.83		
60238-56-4	Chlorothrifos	Change Effect													100													
60238-56-4	Chlorothrifos	Winter 2015				1	0.1	0.0008 H							49 n		660 n						2.8 n			0.073		
60238-56-4	Chlorothrifos	Spring 2015				1	0.1	0.0008 H							51 n		660 n						2.8 n			0.073		
8007-45-2	Coke Oven Emissions	Change Effect													2													
8007-45-2	Coke Oven Emissions	Winter 2015				1	0.1						0.00062 I						0.0016 c			0.02 c						
8007-45-2	Coke Oven Emissions	Spring 2015				1	0.1						0.00062 I						0.0016 c			0.02 c						
108-39-4	Cresol, m-	Change Effect X																										
108-39-4	Cresol, m-	Winter 2015				1	0.1	0.05 I		0.6 C					3100 n		41000 n			630 n		2600 n		930 n			0.74	
108-39-4	Cresol, m-	Spring 2015				1	0.1	0.05 I		0.6 C					3200 n		41000 n			630 n		2600 n		930 n			0.74	
95-48-7	Cresol, o-	Change Effect													100													
95-48-7	Cresol, o-	Winter 2015				1	0.1	0.05 I		0.6 C					3100 n		41000 n			630 n		2600 n		930 n			0.75	
95-48-7	Cresol, o-	Spring 2015				1	0.1	0.05 I		0.6 C					3200 n		41000 n			630 n		2600 n		930 n			0.75	
106-44-5	Cresol, p-	Change Effect													100													
106-44-5	Cresol, p-	Winter 2015				1	0.1	0.1 A		0.6 C					6300 n		82000 n			630 n		2600 n		1900 n			1.5	
106-44-5	Cresol, p-	Spring 2015				1	0.1	0.1 A		0.6 C					6300 n		82000 n			630 n		2600 n		1900 n			1.5	
59-50-7	Cresol, p-chloro-m-	Change Effect													100													
59-50-7	Cresol, p-chloro-m-	Winter 2015				1	0.1	0.1 A							6200 n		82000 n						1400 n				1.7	
59-50-7	Cresol, p-chloro-m-	Spring 2015				1	0.1	0.1 A							6300 n		82000 n						1400 n				1.7	
1319-77-3	Cresols	Change Effect													100													
1319-77-3	Cresols	Winter 2015				1	0.1	0.1 A		0.6 C					6200 n		82000 n			630 n		2600 n		1900 n			1.5	
1319-77-3	Cresols	Spring 2015				1	0.1	0.1 A		0.6 C					6300 n		82000 n			630 n		2600 n		1900 n			1.5	
135-20-6	Cupferron	Change Effect													100													
135-20-6	Cupferron	Winter 2015				1	0.1	0.002 H				0.22 C	0.00063 C		2.4 c		10 c		0.045 c		0.19 c		0.35 c			0.00061		
135-20-6	Cupferron	Spring 2015				1	0.1	0.002 H				0.22 C	0.00063 C		2.5 c		10 c		0.045 c		0.19 c		0.35 c			0.00061		
21725-46-2	Cyanazine	Change Effect													0.1													
21725-46-2	Cyanazine	Winter 2015				1	0.1	0.002 H				0.84 H			0.63 c		2.7 c						0.087 c			0.00041		
21725-46-2	Cyanazine	Spring 2015				1	0.1	0.002 H				0.84 H			0.63 c		2.7 c						0.087 c			0.00041		
87-84-3	Cyclohexane, 1,2,3,4,5-pentabromo-6-chloro-	Change Effect													0.023 H													
87-84-3	Cyclohexane, 1,2,3,4,5-pentabromo-6-chloro-	Winter 2015				1	0.1	0.023 H				0.023 H			23 c		100 c						2.4 c			0.014		
87-84-3	Cyclohexane, 1,2,3,4,5-pentabromo-6-chloro-	Spring 2015				1	0.1	0.023 H				0.023 H			24 c		100 c						2.4 c			0.014		
108-94-1	Cyclohexanone	Change Effect X													1													
108-94-1	Cyclohexanone	Winter 2015				1	0.1	5 I		0.7 P					310000 nm		4100000 nm			730 n		3100 n		99000 n			23	
108-94-1	Cyclohexanone	Spring 2015				1	0.1	5 I		0.7 P					28000 ns		330000 ns			730 n		3100 n		1400 n			0.34	
110-83-8	Cyclohexene	Change Effect X													-282000 X		-3970000 X						-97500				-22.66	
110-83-8	Cyclohexene	Winter 2015				1	0.1	0.005 P		1 X					310 ns		2900 ns			1000 n		4400 n		70 n			0.046	
110-83-8	Cyclohexene	Spring 2015				1	0.1	0.005 P		1 X					310 ns		2900 ns			1000 n		4400 n		70 n			0.046	
108-91-8	Cyclohexylamine	Change Effect													200													
108-91-8	Cyclohexylamine	Winter 2015				1	0.1	0.2 I							12000 n		160000 nm						3800 n				1	
108-91-8	Cyclohexylamine	Spring 2015				1	0.1	0.2 I							160000 n		2300000 nm						3800 n				1	
68085-85-8	Cyhalothrin/karat	Change Effect X													4000		70000											
68085-85-8	Cyhalothrin/karat	Winter 2015				1	0.1	0.005 I							310 n		4100 n						100 n				68	
68085-85-8	Cyhalothrin/karat	Spring 2015				1	0.1	0.005 I							320 n		4100 n						100 n				68	
52315-07-8	Cypermethrin	Change Effect													10													
52315-07-8	Cypermethrin	Winter 2015				1	0.1	0.01 I							10		8200 n						200 n				32	
52315-07-8	Cypermethrin	Spring 2015				1	0.1	0.01 I							10		8200 n						200 n				32	
66215-27-8	Cytomazine	Change Effect													10													
66215-27-8	Cytomazine	Winter 2015				1	0.1	0.0075 I							460 n		6200 n						150 n				0.038	
66215-27-8	Cytomazine	Spring 2015				1	0.1	0.0075 I							470 n		6200 n						150 n				0.038	
72-54-8	DDD	Change Effect													0.24 I		0.000086 C											
72-54-8	DDD	Winter 2015				1	0.1	0.0007 A							2.2 c		9.6 c		0.041 c		0.18 c		0.031 c				0.0072	
72-54-8	DDD	Spring 2015				1	0.1	0.0007 A							2.3 c		9.6 c		0.041 c		0.18 c		0.031 c				0.0072	
72-55-9	DDE, p,p'	Change Effect													0.1													
72-55-9	DDE, p,p'	Winter 2015				1	0.1	0.34 I		0.00097 C					1.6 c		6.8 c		0.029 c		0.13 c		0.054 c					
72-55-9	DDE, p,p'	Spring 2015				1	0.1	0.34 I		0.00097 C					2 c		9.3 c		0.029 c		0.13 c		0.046 c				0.011	
50-29-3	DDT	Change Effect X													0.4													
50-29-3	DDT	Winter 2015				1	0.03	0.0005 I		0.34 I		0.00097 I			1.9 c*		8.6 c*		0.029 c		0.13 c		0.23 c*			0.077		
50-29-3	DDT	Spring 2015				1	0.03	0.0005 I		0.34 I		0.00097 I			1.9 c*		8.5 c*		0.029 c		0.13 c		0.23 c*			0.077		
1861-32-1	Dachthal	Change Effect													100													
1861-32-1	Dachthal	Winter 2015				1	0.1	0.01 I							620 n		8200 n						120 n				0.15	
1861-32-1	Dachthal	Spring 2015				1	0.1	0.01 I							630 n		8200 n						120 n				0.15	
75-99-0	Dalapon	Change Effect													10								600 n		200			0.041
75-99-0	Dalapon	Winter 2015				1	0.1	0.03 I							1800 n		25000 n						600 n		200			0.12
75-99																												

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86-85-7	Dinoseb	Spring 2015			1	0.1	0.001								63 n		820 n						15 n	7		0.13	0.062
123-91-1	Dioxane, 1,4-	Winter 2015			1	0.1	0.031		0.031		0.11	0.0000051			5.3 c		23 c		0.56 c*		2.5 c*		0.78 c			0.00016	
123-91-1	Dioxane, 1,4-	Spring 2015	V		1	116000	0.031		0.031		0.11	0.0000051			5.3 c		24 c		0.56 c*		2.5 c*		0.78 c			0.00094	
957-51-7	Diphenamid	Winter 2015			1	0.1	0.031								1800 n		25000 n						530 n			5.2	
957-51-7	Diphenamid	Spring 2015	X		1	0.1	0.031								1900 n		25000 n						530 n			5.2	
127-63-9	Diphenyl Sulfon	Winter 2015			1	0.1	0.0008 X								49 n		660 n						15 n			0.038	
127-63-9	Diphenyl Sulfon	Spring 2015	X		1	0.1	0.0008 X								51 n		660 n						15 n			0.038	
122-39-4	Diphenylamine	Winter 2015			1	0.1	0.0251								1500 n		21000 n						310 n			0.58	
122-39-4	Diphenylamine	Spring 2015	X		1	0.1	0.0251								1600 n		21000 n						310 n			0.58	
122-66-7	Diphenylhydrazine, 1,2	Winter 2015			1	0.1					0.81	0.000221			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	X		1	0.1					0.81	0.000221			0.68 c		2.9 c		0.013 c		0.056 c		0.077 c			0.00025	
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		0.00008 c		0.011 c			5.3	
1937-37-7	Direct Black 38	Spring 2015	X		1	0.1					7.1 C	0.14 C			0.076 c		0.32 c		0.00002 c		0.00008 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		0.00008 c		0.011 c			17	
2602-46-2	Direct Blue 6	Spring 2015	X		1	0.1					7.4 C	0.14 C			0.073 c		0.31 c		0.00002 c		0.00008 c		0.011 c			17	
16071-86-6	Direct Brown 95	Winter 2015			1	0.1					6.7 C	0.14 C			0.079 c		0.34 c		0.00002 c		0.00008 c		0.012 c				
16071-86-6	Direct Brown 95	Spring 2015	X		1	0.1					6.7 C	0.14 C			0.081 c		0.34 c		0.00002 c		0.00008 c		0.012 c				
505-29-3	Dithiane, 1,4-	Winter 2015	V		1	0.1	0.011								620 n		8200 n						200 n			0.097	
505-29-3	Dithiane, 1,4-	Spring 2015	V		1	0.1	0.011								780 n		12000 n						200 n			0.097	
330-54-1	Diuron	Winter 2015			1	0.1	0.0021								160 n		3800 n						36 n			0.015	
330-54-1	Diuron	Spring 2015	X		1	0.1	0.0021								120 n		1600 n						36 n			0.015	
115-29-7	Endosulfan	Winter 2015			1	0.1	0.0061								370 n		4900 n						100 n			1.4	
115-29-7	Endosulfan	Spring 2015	X		1	0.1	0.0061								470 n		7000 n						100 n			1.4	
145-73-3	Endothal	Winter 2015			1	0.1	0.021								100 n		2100 n						380 n		100	0.091	0.024
145-73-3	Endothal	Spring 2015	X		1	0.1	0.021								1200 n		16000 n						380 n		100	0.091	0.024
72-20-8	Endrin	Winter 2015			1	0.1	0.00031								19 n		250 n						2.3 n		2	0.092	0.081
72-20-8	Endrin	Spring 2015	X		1	0.1	0.00031								19 n		250 n						2.3 n		2	0.092	0.081
16672-87-4	Ethephon	Winter 2015			1	0.1	0.0051								310 n		4100 n						100 n			0.021	
16672-87-4	Ethephon	Spring 2015	X		1	0.1	0.0051								320 n		4100 n						100 n			0.021	
563-12-2	Ethion	Winter 2015			1	0.1	0.00051								10 n		410 n						4.3 n			0.0085	
563-12-2	Ethion	Spring 2015	X		1	0.1	0.00051								32 n		410 n						4.3 n			0.0085	
111-15-9	Ethoxyethanol Acetate, 2	Winter 2015	V		1	0.1	0.1 P		0.06 P						6200 n		82000 n		63 n		260 n		2000 n			0.42	
111-15-9	Ethoxyethanol Acetate, 2	Spring 2015	V		1	0.1	0.1 P		0.06 P						2600 n		14000 n		63 n		260 n		120 n			0.025	
110-80-5	Ethoxyethanol, 2	Winter 2015			1	0.1	0.09 P		0.21						-3600		-89000						-1880			-0.395	
110-80-5	Ethoxyethanol, 2	Spring 2015	X		1	0.1	0.09 P		0.21						5500 n		74000 n		210 n		880 n		1600 n			0.36	
2104-84-5	Ethyl-p-nitrophenyl Phosphonate	Winter 2015	V		1	0.1	0.000011								-300		-27000						-1460			-0.292	
2104-84-5	Ethyl-p-nitrophenyl Phosphonate	Spring 2015	X		1	0.1	0.000011								0.62 n		8.2 n						0.089 n			0.0028	
109-78-4	Ethylene Cyanohydrin	Winter 2015			1	0.1	0.07 P								0.01		58000 n						1400 n			0.28	
109-78-4	Ethylene Cyanohydrin	Spring 2015	X		1	0.1	0.07 P								4400 n		57000 n						1400 n			0.28	
107-15-3	Ethylene Diamine	Winter 2015			1	0.1	0.09 P								100		-1000						1800 n			0.41	
107-15-3	Ethylene Diamine	Spring 2015	X		1	0.1	0.09 P								5500 n		74000 n						1800 n			0.41	
107-21-1	Ethylene Glyco	Winter 2015			1	0.1	21		0.4 C						120000 nm		1600000 nm		420 n		1800 n		40000 n			8.1	
111-76-2	Ethylene Glycol Monobutyl Ethe	Spring 2015	X		1	0.1	21		0.4 C						130000 nm		1600000 nm		420 n		1900 n		40000 n			8.1	
111-76-2	Ethylene Glycol Monobutyl Ethe	Change Effect			1	0.1	0.11		1.61						10000												
111-76-2	Ethylene Glycol Monobutyl Ethe	Winter 2015			1	0.1	0.11		1.61						6200 n		82000 n		1700 n		7000 n		2000 n			0.41	
111-76-2	Ethylene Glycol Monobutyl Ethe	Spring 2015	X		1	0.1	0.11		1.61						6300 n		82000 n		1700 n		7000 n		2000 n			0.41	
96-45-7	Ethylene Thioure	Winter 2015			1	0.1	0.000081				0.045 C	0.000013 C			4.9 n		51 c**		0.22 c		0.94 c		1.6 n			0.00036	
96-45-7	Ethylene Thioure	Spring 2015	X		1	0.1	0.000081				0.045 C	0.000013 C			5.1 n		51 c**		0.22 c		0.94 c		1.6 n			0.00036	
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	0.1	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 Glycolat	Winter 2015			1	0.1	31								180000 nm		2500000 nm						58000 n			130	
84-72-0	Ethylphthalyl Ethyl Glycolat	Spring 2015	X		1	0.1	31								190000 nm		2500000 nm						58000 n			130	
101200-48-0	Express	Winter 2015			1	0.1	0.0081								490 n		6600 n						160 n			0.061	
101200-48-0	Express	Spring 2015	X		1	0.1	0.0081								20		6600 n						160 n			0.061	
22224-92-6	Fenamiphos	Winter 2015			1	0.1	0.000251								15 n		210 n						4.4 n			0.0043	
22224-92-6	Fenamiphos	Spring 2015	X		1	0.1	0.000251								16 n		2										

CAS	Chemical	Observation	Year	Location	Media	GIABS	ABS	Csat (mg/kg)	RfDo (mg/kg-day)	Key 2	RfCi (mg/m3)	Key 3	SFO (mg/kg-day)	Key 4	IUR (ug/m3)	Key 5	Resident Soil (mg/kg)	Industrial Soil (mg/kg)	Resident Air (ug/m3)	Industrial Air (ug/m3)	Key 6	Key 7	Key 8	Key 9	Key 10	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)
64-18-6	Formaldehyde	Change Effect X	Winter 2015														11983 X	-15927 X										
64-18-6	Formic Acid	Change Effect X	Spring 2015	V	1	0.1	106000	0.9 P	0.0003 X								49000 n	520000 nm	0.31 n	1.3 n					18000 n		3.6	
64-18-6	Formic Acid	Change Effect X	Spring 2015	V	1	0.1	106000	0.9 P	0.0003 X								29 n	120 n	0.31 n	1.3 n					63 n		0.00013	
39148-24-8	Fosetyl-AL	Change Effect X	Winter 2015		1	0.1		3 I									180000 nm	2500000 nm							6000 n		-3.9969	
39148-24-8	Fosetyl-AL	Change Effect X	Spring 2015	V	1	0.1		3 I									190000 nm	2500000 nm							6000 n			
67-45-8	Furazolidone	Change Effect X	Winter 2015		1	0.1											0.14 c	0.61 c							0.02 c		0.00039	
67-45-8	Furazolidone	Change Effect X	Spring 2015	V	1	0.1											0.14 c	0.61 c							0.02 c		0.00039	
98-01-1	Furfural	Change Effect X	Winter 2015		1	0.1		0.003 I	0.05 H								180 n	2500 n	52 n	220 n					60 n		0.013	
98-01-1	Furfural	Change Effect X	Spring 2015	V	1	0.1	10100	0.003 I	0.05 H								210 n	2600 n	52 n	220 n					38 n		0.0081	
765-34-4	Glycidyl	Change Effect X	Winter 2015		1	0.1		0.0004 I	0.001 H								30	100							-22		-0.0049	
765-34-4	Glycidyl	Change Effect X	Spring 2015	V	1	0.1	106000	0.0004 I	0.001 H								22 n	190 n	1 n	4.4 n					1.7 n		0.00033	
1071-83-6	Glyphosate	Change Effect X	Winter 2015		1	0.1		0.1 I									-5	-140							-6.3		-0.00127	
1071-83-6	Glyphosate	Change Effect X	Spring 2015	V	1	0.1		0.1 I									6300 n	82000 n							2000 n	700	8.8	
42874-03-3	Goal	Change Effect X	Winter 2015		1	0.1		0.003 I									100	2500 n							32 n		2.5	
42874-03-3	Goal	Change Effect X	Spring 2015	V	1	0.1		0.003 I									190 n	2500 n							32 n		2.5	
113-00-8	Guandine	Change Effect X	Winter 2015		1	0.1		0.01 X									10	8200 n							200 n		0.045	
113-00-8	Guandine	Change Effect X	Spring 2015	V	1	0.1		0.01 X									780 n	12000 n							200 n		0.045	
50-01-1	Guandine Chlorid	Change Effect X	Winter 2015		1	0.1		0.02 P									160	3800							400 n			
50-01-1	Guandine Chlorid	Change Effect X	Spring 2015	V	1	0.1		0.02 P									1200 n	16000 n							400 n			
86-50-0	Guthior	Change Effect X	Winter 2015		1	0.1		0.003 A	0.01 A								100	2500 n	10 n	44 n					56 n		0.017	
86-50-0	Guthior	Change Effect X	Spring 2015	V	1	0.1		0.003 A	0.01 A								190 n	2500 n	10 n	44 n					56 n		0.017	
69806-40-2	Haloxifop, Meth	Change Effect X	Winter 2015		1	0.1		0.00005 I									10	41 n							0.76 n		0.0084	
69806-40-2	Haloxifop, Meth	Change Effect X	Spring 2015	V	1	0.1		0.00005 I									3.2 n	41 n							0.76 n		0.0084	
79277-27-3	Harmony	Change Effect X	Winter 2015		1	0.1		0.013 I									80 n	1100 n							260 n		0.078	
79277-27-3	Harmony	Change Effect X	Spring 2015	V	1	0.1		0.013 I									80 n	1100 n							260 n		0.078	
76-44-8	Hepachlor	Change Effect X	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	
76-44-8	Hepachlor	Change Effect X	Spring 2015	V	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	
1024-57-3	Hepachlor Epoxid	Change Effect X	Winter 2015		1	0.1		0.000013 I		9.1 I	0.0026 I						0.059 c	0.25 c	0.0011 c	0.0047 c					0.0038 c	0.2	0.000078	
1024-57-3	Hepachlor Epoxid	Change Effect X	Spring 2015	V	1	0.1		0.000013 I		9.1 I	0.0026 I						0.059 c	0.25 c	0.0011 c	0.0047 c					0.0038 c	0.2	0.000078	
87-82-1	Hexachlorobenzene	Change Effect X	Winter 2015		1	0.1		0.002 I									120 n	1600 n							40 n		0.23	
87-82-1	Hexachlorobenzene	Change Effect X	Spring 2015	V	1	0.1		0.002 I									160 n	2300 n							40 n		0.23	
68631-49-2	Hexabromodiphenyl ether, 2,2',4,4',5,5'-(BDE-15)	Change Effect X	Winter 2015		1	0.1		0.0002 I									40	700							4 n			
68631-49-2	Hexabromodiphenyl ether, 2,2',4,4',5,5'-(BDE-15)	Change Effect X	Spring 2015	V	1	0.1		0.0002 I									12 n	160 n							4 n			
118-74-1	Hexachlorobenzene	Change Effect X	Winter 2015		1	0.1		0.0008 I		1.6 I	0.00046 I						0.33 c	1.4 c	0.0061 c	0.027 c					0.049 c	1	0.00061	
118-74-1	Hexachlorobenzene	Change Effect X	Spring 2015	V	1	0.1		0.0008 I		1.6 I	0.00046 I						0.33 c	1.4 c	0.0061 c	0.027 c					0.049 c	1	0.00061	
87-68-3	Hexachlorobutadien	Change Effect X	Winter 2015		1	0.1		0.001 P		0.078 I	0.00022 I						6.8 c**	30 c*	0.13 c	0.56 c					0.3 c*		0.00057	
87-68-3	Hexachlorobutadien	Change Effect X	Spring 2015	V	1	0.1	16.8	0.001 P		0.078 I	0.00022 I						1.2 c*	5.3 c	0.13 c	0.56 c					0.14 c*		0.00026	
319-84-6	Hexachlorocyclohexane, Alpha	Change Effect X	Winter 2015		1	0.1		0.008 A		6.3 I	0.0018 I						0.085 c	0.37 c	0.0016 c	0.0088 c					0.0071 c		0.00041	
319-84-6	Hexachlorocyclohexane, Alpha	Change Effect X	Spring 2015	V	1	0.1		0.008 A		6.3 I	0.0018 I						0.085 c	0.37 c	0.0016 c	0.0088 c					0.0071 c		0.00041	
58-89-9	Hexachlorocyclohexane, Gamma-(Lindane)	Change Effect X	Winter 2015		1	0.04		0.0003 I		1.1 C	0.00031 C						0.001	-0.1	0.0091 c	0.04 c					0.041 c*	0.2	0.00024	
58-89-9	Hexachlorocyclohexane, Gamma-(Lindane)	Change Effect X	Spring 2015	V	1	0.04		0.0003 I		1.1 C	0.00031 C						0.57 c*	2.5 c	0.0091 c	0.04 c					0.041 c*	0.2	0.00024	
77-47-4	Hexachlorocyclopentadien	Change Effect X	Winter 2015		1	0.1		0.006 I	0.0002 I								370 n	4900 n	0.21 n	0.88 n					31 n	50	0.096	
77-47-4	Hexachlorocyclopentadien	Change Effect X	Spring 2015	V	1	0.1	15.7	0.006 I	0.0002 I								1.8 n	7.5 n	0.21 n	0.88 n					0.41 n	50	0.0013	
67-72-1	Hexachloroethane	Change Effect X	Winter 2015		1	0.1		0.0007 I	0.03 I	0.04 I	0.000011 C						13 c**	58 c*	0.26 c	1.1 c					0.9 c**		0.00055	
67-72-1	Hexachloroethane	Change Effect X	Spring 2015	V	1	0.1		0.0007 I	0.03 I	0.04 I	0.000011 C						1.8 c*	8 c*	0.26 c	1.1 c					0.33 c*		0.0002	
70-30-4	Hexachlorophene	Change Effect X	Winter 2015		1	0.1		0.0003 I									18 n	250 n							8 n		-0.00035	
70-30-4	Hexachlorophene	Change Effect X	Spring 2015	V	1	0.1		0.0003 I									19 n	250 n							8 n		8	
121-82-4	Hexahydro-1,3,5-trinitro-1,3,5-triazine (RD)	Change Effect X	Winter 2015		1	0.015		0.003 I		0.11 I							6 c*	28 c							0.7 c*		0.00027	
121-82-4	Hexahydro-1,3,5-trinitro-1,3,5-triazine (RD)	Change Effect X	Spring 2015	V	1	0.015		0.003 I		0.11 I							6 c*	28 c							0.7 c*		0.00027	
124-04-9	Hexanedioic Acid	Change Effect X	Winter 2015		1	0.1		0.033 I									0.1	120000 nm	1600000 nm						40000 n		9.9	
124-04-9	Hexanedioic Acid	Change Effect X	Spring 2015	V	1	0.1		0.033 I									10000 nm	1600000 nm							40000 n		9.9	
51235-04-2	Hexazinone	Change Effect X	Winter 2015		1	0.1		0.033 I									2000 n	27000 n							640 n		0.3	
51235-04-2	Hexazinone	Change Effect X	Spring 2015	V	1	0.1		0.033 I									2100 n	27000 n							640 n		0.3	
302-01-2	Hydrazine	Change Effect X	Winter 2015		1				0.00003 P	3 I	0.0049 I						0.23 c	1.1 c	0.00057 c*	0.0025 c*								

CAS	Chemica	Type of	Obs	v o c	mulager	GIABS	ABS	Csat	RfDo	key_2	RfCI	key_3	SFO	IUR	Resident	Industrial	Resident	Industra	Tapwater	MCL	Risk-based	MCL-based
		Observation						(mg/kg)	(mg/kg-day)		(mg/m3)		(mg/kg-day)	(ug/m3)	Soil (mg/kg)	Soil (mg/kg)	Air (ug/m ³)	Air (ug/m ³)	key_3	(ug/L)	SSL (mg/kg)	SSL (mg/kg)
1832-54-8	Isopropyl Methyl Phosphonic Acid	Winter 2015							0.11						6200 n	82000 n			2000 n			0.43
1832-54-8	Isopropyl Methyl Phosphonic Acid	Spring 2015							0.11						6300 n	82000 n			2000 n			0.43
82568-50-7	Isosababen	Change Effect							0.051						100	41000 n			730 n			2
82568-50-7	Isosababen	Winter 2015							0.051						3100 n	41000 n			2000 n			2
23950-58-4	Kerb	Change Effect							0.0751						100	62000 n			730 n			2
23950-58-4	Kerb	Winter 2015							0.0751						4600 n	62000 n			1200 n			1.2
77501-63-4	Lactofen	Change Effect							0.0021						100	1600 n			25 n			1.2
77501-63-4	Lactofen	Winter 2015							0.0021						120 n	1600 n			25 n			1.2
330-55-2	Linuron	Change Effect							0.0021						10	1600 n			33 n			0.029
330-55-2	Linuron	Winter 2015							0.0021						120 n	1600 n			33 n			0.029
83055-99-4	Londax	Change Effect							0.21						100	16000 nm			3900 n			1
83055-99-4	Londax	Winter 2015							0.21						12000 n	160000 nm			3900 n			1
94-74-6	MCPA	Change Effect							0.00051						31 n	410 n			7.5 n			0.002
94-74-6	MCPA	Winter 2015							0.00051						32 n	410 n			7.5 n			0.002
94-81-5	MCPB	Change Effect							0.011						1	8200 n			150 n			0.058
94-81-5	MCPB	Winter 2015							0.011						620 n	8200 n			150 n			0.058
93-65-2	MCPP	Change Effect							0.0011						10	820 n			16 n			0.0046
93-65-2	MCPP	Winter 2015							0.0011						62 n	820 n			16 n			0.0046
121-75-5	Malathion	Change Effect							0.021						1	820 n			16 n			0.0046
121-75-5	Malathion	Winter 2015							0.021						1200 n	16000 n			390 n			0.1
108-31-6	Maleic Anhydridit	Change Effect							0.11						100	16000 n			390 n			0.1
108-31-6	Maleic Anhydridit	Winter 2015							0.11						6100 n	81000 n			1900 n			0.38
108-31-6	Maleic Anhydridit	Spring 2015							0.11		0.0007 C				6300 n	80000 n		0.73 n	3.1 n			0.38
123-33-1	Maleic Hydrazidit	Change Effect							0.51						200	-1000			1900 n			0.38
123-33-1	Maleic Hydrazidit	Winter 2015							0.51						31000 n	410000 nm			10000 n			2.1
123-33-1	Maleic Hydrazidit	Spring 2015							0.51						32000 n	410000 nm			10000 n			2.1
109-77-3	Malononitrik	Change Effect							0.0001 P						1000	82 n			2 n			0.00041
109-77-3	Malononitrik	Winter 2015							0.0001 P						6.2 n	82 n			2 n			0.00041
109-77-3	Malononitrik	Spring 2015							0.0001 P						6.3 n	82 n			2 n			0.00041
8018-01-7	Mancozeb	Change Effect							0.03 H						0.1	1800 n			590 n			0.84
8018-01-7	Mancozeb	Winter 2015							0.03 H						1800 n	25000 n			540 n			0.84
8018-01-7	Mancozeb	Spring 2015							0.03 H						1900 n	25000 n			540 n			0.84
12427-38-2	Maneb	Change Effect							0.0051						100	4100 n			99 n			0.14
12427-38-2	Maneb	Winter 2015							0.0051						310 n	4100 n			99 n			0.14
12427-38-2	Maneb	Spring 2015							0.0051						320 n	4100 n			98 n			0.14
950-10-7	Mephofofolar	Change Effect							0.00009 H						5.5 n	74 n			1.8 n			0.0026
950-10-7	Mephofofolar	Winter 2015							0.00009 H						5.5 n	74 n			1.8 n			0.0026
950-10-7	Mephofofolar	Spring 2015							0.00009 H						5.7 n	74 n			1.8 n			0.0026
24307-26-4	Mepiquat Chloridit	Change Effect							0.031						0.2	1800 n			600 n			0.2
24307-26-4	Mepiquat Chloridit	Winter 2015							0.031						1800 n	25000 n			600 n			0.2
24307-26-4	Mepiquat Chloridit	Spring 2015							0.031						1900 n	25000 n			600 n			0.2
150-50-5	Merphos	Change Effect							0.000031						100	82 n			0.6 n			0.059
150-50-5	Merphos	Winter 2015							0.000031						1.8 n	25 n			0.6 n			0.059
150-50-5	Merphos	Spring 2015							0.000031						2.3 n	35 n			0.6 n			0.059
78-48-8	Merphos Oxide	Change Effect							0.000031						0.5	25 n			0.085 n			0.00042
78-48-8	Merphos Oxide	Winter 2015							0.000031						1.8 n	25 n			0.085 n			0.00042
78-48-8	Merphos Oxide	Spring 2015							0.000031						1.9 n	25 n			0.085 n			0.00042
57837-19-1	Metalaay	Change Effect							0.061						0.1	3700 n			1200 n			0.33
57837-19-1	Metalaay	Winter 2015							0.061						3700 n	49000 n			1200 n			0.33
57837-19-1	Metalaay	Spring 2015							0.061						3800 n	49000 n			1200 n			0.33
10265-92-6	Methamidophot	Change Effect							0.000051						100	41 n			1 n			0.00021
10265-92-6	Methamidophot	Winter 2015							0.000051						3.1 n	41 n			1 n			0.00021
10265-92-6	Methamidophot	Spring 2015							0.000051						3.2 n	41 n			1 n			0.00021
67-56-1	Methano	Change Effect							21						0.1	12000 nm			4000 n			8.1
67-56-1	Methano	Winter 2015							21		201				12000 nm	160000 nm		21000 n	88000 n			4.1
67-56-1	Methano	Spring 2015							21		201				12000 nms	120000 nms		21000 n	88000 n			4.1
950-37-8	Methidathior	Change Effect							0.0011						62	-40000 X			-2000			-4
950-37-8	Methidathior	Winter 2015							0.0011						X	820 n			19 n			0.0047
950-37-8	Methidathior	Spring 2015							0.0011						63 n	820 n			19 n			0.0047
16752-77-4	Methomy	Change Effect							0.0251						1	2100 n			500 n			0.11
16752-77-4	Methomy	Winter 2015							0.0251						1500 n	21000 n			500 n			0.11
16752-77-4	Methomy	Spring 2015							0.0251						1600 n	21000 n			500 n			0.11
72-43-5	Methoxycho	Change Effect							0.0051						100	4100 n			37 n		40	2
72-43-5	Methoxycho	Winter 2015							0.0051						320 n	4100 n			37 n		40	2
72-43-5	Methoxycho	Spring 2015							0.0051						320 n	4100 n			37 n		40	2
110-49-6	Methoxyethanol Acetate, 2	Change Effect							0.008 P						10	6600 n			160 n			0.033
110-49-6	Methoxyethanol Acetate, 2	Winter 2015							0.008 P						490 n	510 n		1 n	4.4 n			0.00042
110-49-6	Methoxyethanol Acetate, 2	Spring 2015							0.008 P						110 n	510 n		1 n	4.4 n			0.00042
109-86-4	Methoxyethanol, 2	Change Effect							0.005 P						-380	-690			-157.9			-0.03268
109-86-4	Methoxyethanol, 2	Winter 2015							0.005 P						310 n							

CAS	Chemica	Observation	Type of	v o c	mulager	GIABS	ABS	Csat (mg/kg)	RfDo (mg/kg-day)	k e y _ 2	RfCi (mg/m3)	k e y _ 3	SFO (mg/kg-day)	IUR (ug/m3)	k e y _ 1	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key_1	Resident Air (ug/m3)	key_2	Industrial Air (ug/m3)	key_3	Tapwater (ug/L)	key_4	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)		
124-59-3	Methylarsonic acid	Spring 2015	Change Effect				1	0.01 A								630 n		8200 n					200 n							
74612-12-7	Methylbenzene, 1,4-diamine monohydrochloride, ;	Winter 2015	Change Effect				1	0.1	0.0002 X							10 n		180 n					4 n							
74612-12-7	Methylbenzene, 1,4-diamine monohydrochloride, ;	Spring 2015	Change Effect				1	0.1	0.0002 X							13 n		180 n					4 n							
615-50-9	Methylbenzene-1,4-diamine sulfate, ;	Winter 2015	Change Effect				1	0.1	0.0003 X				0.1 X			5.3 c**		23 c*					0.78 c**							
615-50-9	Methylbenzene-1,4-diamine sulfate, ;	Spring 2015	Change Effect				1	0.1	0.0003 X				0.1 X			5.4 c**		23 c*					0.78 c**							
75-09-2	Methylene Chlorid	Winter 2015	V M				1	3320	0.0061		0.61		0.0021	0.000000011	57 c**	1000 c**		100 c**	1200 c**			11 c**	5	0.0029		0.0013		0.0013		
75-09-2	Methylene Chlorid	Spring 2015	V M				1	3320	0.0061		0.61		0.0021	0.000000011	57 c**	1000 c**		100 c**	1200 c**			12 c**	5	0.0031		0.0013		0.0013		
101-77-9	Methylenebisbenzaminine, 4,4	Winter 2015					1	0.1			0.02 C		1.6 C	0.00046 C	0.33 c		1.4 c		0.0061 c			0.047 c						0.00021		
101-77-9	Methylenebisbenzaminine, 4,4	Spring 2015					1	0.1			0.02 C		1.6 C	0.00046 C	0.34 c		1.4 c		0.0061 c			0.047 c						0.00021		
51218-45-2	Metolachlor	Winter 2015					1	0.1	0.151						9200 n		120000 nm					2700 n						3.2		
51218-45-2	Metolachlor	Spring 2015					1	0.1	0.151						9500 n		120000 nm					2700 n							3.2	
21087-64-6	Methibuzin	Winter 2015					1	0.1	0.0251						1500 n		21000 n					490 n						0.15		
21087-64-6	Methibuzin	Spring 2015					1	0.1	0.0251						1600 n		21000 n					490 n							0.15	
8012-95-1	Mineral oils	Winter 2015	V				1	0.1	0.342		3 P				180000 nms		2500000 nms					60000 n						2400		
8012-95-1	Mineral oils	Spring 2015	V				1	0.1	0.342		3 P				180000 nms		3500000 nms					60000 n							2400	
2385-85-5	Mirex	Winter 2015					1	0.1	0.00021				18 C	0.0051 C	0.03 c		0.13 c		0.00055 c		0.0024 c		0.0043 c					0.0031		
2385-85-5	Mirex	Spring 2015	V				1	0.1	0.00021				18 C	0.0051 C	0.036 c		0.17 c		0.00055 c		0.0024 c		0.00088 c					0.00063		
2212-67-1	Molinate	Winter 2015					1	0.1	0.0021						120 n		1600 n					30 n						0.017		
2212-67-1	Molinate	Spring 2015					1	0.1	0.0021						130 n		1600 n					30 n							0.017	
100-61-8	Monomethylaniline	Winter 2015					1	0.1	0.002 P						120 n		1600 n					38 n						0.014		
100-61-8	Monomethylaniline	Spring 2015					1	0.1	0.002 P						130 n		1600 n					38 n							0.014	
74-31-7	N,N-Diphenyl-1,4-benzenediamin	Winter 2015					1	0.1	0.0003 X						18 n		250 n					3.6 n						0.37		
74-31-7	N,N-Diphenyl-1,4-benzenediamin	Spring 2015					1	0.1	0.0003 X						19 n		250 n					3.6 n							0.37	
300-76-5	Naled	Winter 2015	V				1	0.1	0.0021						120 n		1600 n					40 n						0.018		
300-76-5	Naled	Spring 2015	V				1	0.1	0.0021						160 n		2300 n					40 n							0.018	
15299-99-7	Napropamide	Winter 2015					1	0.1	0.11						40		700					1600 n						11		
15299-99-7	Napropamide	Spring 2015					1	0.1	0.11						6000 n		82000 n					1600 n							11	
373-02-4	Nickel Acetat	Winter 2015				0.04			0.011 C		0.000014 C		0.00026 C		100		11000 n		0.011 c**		0.047 c**		200 n					200		
373-02-4	Nickel Acetat	Spring 2015				0.04			0.011 C		0.000014 C		0.00026 C		670 n		8100 n		0.011 c**		0.047 c**		220 n						220	
3333-67-3	Nickel Carbonate	Winter 2015				0.04			0.011 C		0.000014 C		0.00026 C		-150		-2900		0.011 c**		0.047 c**		20 n						20	
3333-67-3	Nickel Carbonate	Spring 2015				0.04			0.011 C		0.000014 C		0.00026 C		820 n		11000 n		0.011 c**		0.047 c**		200 n						200	
13463-39-3	Nickel Carbony	Winter 2015				0.04			0.011 C		0.000014 C		0.00026 C		-150		-2900		0.011 c**		0.047 c**		20 n						20	
13463-39-3	Nickel Carbony	Spring 2015	V			0.04			0.011 C		0.000014 C		0.00026 C		820 n		11000 n		0.011 c**		0.047 c**		200 n						200	
1271-28-9	Nickelocene	Winter 2015	X			0.04			0.011 C		0.000014 C		0.00026 C		820 n		11000 n		0.011 c**		0.047 c**		-199 978 XXX							
1271-28-9	Nickelocene	Spring 2015	X			0.04			0.011 C		0.000014 C		0.00026 C		820 n		11000 n		0.011 c**		0.047 c**		220 n						220	
88-74-4	Nitroaniline, 2	Winter 2015				1	0.1	0.1	0.010 X		0.00005 X				-150		-2900					20							0.08	
88-74-4	Nitroaniline, 2	Spring 2015				1	0.1	0.1	0.010 X		0.00005 X				670 n		8100 n		0.052 n		0.22 n		190 n						190	
100-01-6	Nitroaniline, 4	Winter 2015				1	0.1	0.004 P	0.006 P		0.002 P		0.02 P		27 c**		120 c*		6.3 n		26 n		3.8 c*						0.016	
100-01-6	Nitroaniline, 4	Spring 2015				1	0.1	0.004 P	0.006 P		0.002 P		0.02 P		27 c**		110 c*		6.3 n		26 n		3.8 c*						0.016	
9004-70-0	Nitrocellulose	Winter 2015				1	0.1	3000 P							180000000 nm		2500000000 nm					6000000 n							13000	
9004-70-0	Nitrocellulose	Spring 2015				1	0.1	3000 P							190000000 nm		2500000000 nm					6000000 n							13000	
67-20-9	Nitrofurantoin	Winter 2015				1	0.1	0.07 H							4300 n		58000 n					1400 n							0.61	
67-20-9	Nitrofurantoin	Spring 2015				1	0.1	0.07 H							4400 n		57000 n					1400 n							0.61	
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					0.000054		
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					0.000054		
55-63-0	Nitroglycerin	Winter 2015				1	0.1	0.0001 P					0.017 P		6.2 n		82 n					2 n							0.00085	
55-63-0	Nitroglycerin	Spring 2015				1	0.1	0.0001 P					0.017 P		6.2 n		82 n					2 n							0.00085	
556-88-7	Nitroguanidin	Winter 2015				1	0.1	0.11							6200 n		82000 n					2000 n							0.48	
556-88-7	Nitroguanidin	Spring 2015				1	0.1	0.11							6300 n		82000 n					2000 n								0.48
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					0.00000022		
759-73-9	Nitroso-N-ethylurea, N	Spring 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						0.00000022	
924-16-3	Nitroso-di-N-butylamine, N	Winter 2015	V			1	0.1						5.41	0.00161	0.094 c		0.43 c		0.0018 c		0.0077 c		0.0027 c						0.0000055	
924-16-3	Nitroso-di-N-butylamine, N	Spring 2015	V			1	0.1																							

CAS	Chemical	Type of	Obs	Loc	Media	GIABS	Abs	Csat	RfDo	key_2	RfCi	key_3	SFO	IUR	key_1	Resident	Industrial	Resident	Industra	Tapwater	key_4	MCL	Risk-based	MCL-based
		Observation	Value	Code	Mulager	GIABS	Abs	(mg/kg)	(mg/kg-day)	key_2	(mg/m3)	key_3	(mg/kg-day)	(ug/m3)	key_1	Soil (mg/kg)	Soil (mg/kg)	Air (ug/m ³)	Air (ug/m ³)	key_3	(ug/L)	(ug/L)	SSL (mg/kg)	SSL (mg/kg)
138-40-2	Propazine	Winter 2015	1				0.1	0.021								1200 n	16000 n				340 n		0.3	
138-40-2	Propazine	Spring 2015	1				0.1	0.021								1300 n	16000 n				340 n		0.3	
122-42-9	Propham	Winter 2015	1				0.1	0.021								1200 n	16000 n				350 n		0.22	
122-42-9	Propham	Spring 2015	1				0.1	0.021								1300 n	16000 n				350 n		0.22	
60207-90-1	Propiconazole	Winter 2015	1				0.1	0.013								800 n	11000 n				210 n		0.69	
60207-90-1	Propiconazole	Spring 2015	1				0.1	0.013								820 n	11000 n				210 n		0.69	
103-65-1	Propyl benzene	Winter 2015	1				0.1	294	0.1 X		1 X					3300 ns	22000 ns	1000 n		4400 n	660 n		1.2	
103-65-1	Propyl benzene	Spring 2015	1				0.1	294	0.1 X		1 X					3800 ns	24000 ns	1000 n		4400 n	660 n		1.2	
115-07-1	Propylene	Winter 2015	1				0.1	349			3 C					2200 ns	9300 ns	3100 n		13000 n	6300 n		6	
115-07-1	Propylene	Spring 2015	1				0.1	349			3 C					2200 ns	9300 ns	3100 n		13000 n	6300 n		6	
57-55-6	Propylene Glyco	Winter 2015	1				0.1	20 P								1200000 nm	16000000 nm				400000 n		81	
57-55-6	Propylene Glyco	Spring 2015	1				0.1	20 P								1300000 nm	16000000 nm				400000 n		81	
1569-02-4	Propylene Glycol Monoethyl Ethr	Winter 2015	1				0.1	0.7 H								43000 n	580000 nm				14000 n		2.8	
1569-02-4	Propylene Glycol Monoethyl Ethr	Spring 2015	1				0.1	85200								59000 n	820000 nms				14000 n		2.8	
107-98-2	Propylene Glycol Monomethyl Ethr	Winter 2015	1				0.1	0.7 H			2 I					43000 n	580000 nm	2100 n		8800 n	14000 n		2.8	
107-98-2	Propylene Glycol Monomethyl Ethr	Spring 2015	1				0.1	106000	0.7 H		2 I					41000 n	370000 nms	2100 n		8800 n	3200 n		0.85	
81335-77-4	Pursult	Winter 2015	1				0.1	0.251								15000 n	210000 nm				4700 n		4.1	
81335-77-4	Pursult	Spring 2015	1				0.1	0.251								16000 n	210000 nm				4700 n		4.1	
51630-58-1	Pyridin	Winter 2015	1				0.1	0.0251								1500 n	2100 n				500 n		320	
51630-58-1	Pyridin	Spring 2015	1				0.1	0.0251								1600 n	2100 n				500 n		320	
13593-03-8	Quinalphos	Winter 2015	1				0.1	0.00051								31 n	410 n				5.1 n		0.043	
13593-03-8	Quinalphos	Spring 2015	1				0.1	0.00051								32 n	410 n				5.1 n		0.043	
10453-86-2	Resmethrin	Winter 2015	1				0.1	0.031								1800 n	2500 n				67 n		42	
10453-86-2	Resmethrin	Spring 2015	1				0.1	0.031								1900 n	2500 n				67 n		42	
299-84-3	Romnel	Winter 2015	1				0.1	0.05 H								3100 n	4100 n				410 n		3.7	
299-84-3	Romnel	Spring 2015	1				0.1	0.05 H								3900 n	5800 n				410 n		3.7	
94-59-7	Safrole	Winter 2015	1				0.1	0.22 C					0.22 C	0.00083 C		0.54 c	10 c	0.016 c		0.19 c	0.095 c		0.00059	
94-59-7	Safrole	Spring 2015	1				0.1	0.22 C					0.22 C	0.00083 C		0.55 c	10 c	0.016 c		0.19 c	0.095 c		0.00059	
78587-05-C	Savay	Winter 2015	1				0.1	0.0251								1500 n	2100 n				110 n		0.5	
78587-05-C	Savay	Spring 2015	1				0.1	0.0251								1600 n	2100 n				110 n		0.5	
74051-80-2	Sethoxydim	Winter 2015	1				0.1	0.091								5500 n	74000 n				1000 n		9.3	
74051-80-2	Sethoxydim	Spring 2015	1				0.1	0.091								5700 n	74000 n				1000 n		9.3	
122-34-9	Simazine	Winter 2015	1				0.1	0.0051			0.12 H					4.4 c*	19 c				0.61 c	4	0.0003	0.002
122-34-9	Simazine	Spring 2015	1				0.1	0.0051			0.12 H					4.5 c*	19 c				0.61 c	4	0.0003	0.002
62476-59-6	Sodium Acifluorfen	Winter 2015	1				0.1	0.0131								800 n	11000 n				260 n		2.1	
62476-59-6	Sodium Acifluorfen	Spring 2015	1				0.1	0.0131								820 n	11000 n				260 n		2.1	
148-18-5	Sodium Diethylthiocarbamat	Winter 2015	1				0.1	0.031			0.27 H					20	8.6 c				0.29 c			
148-18-5	Sodium Diethylthiocarbamat	Spring 2015	1				0.1	0.031			0.27 H					2 c	8.5 c				0.29 c			
62-74-8	Sodium Fluoroacetate	Winter 2015	1				0.1	0.000021								1.2 n	16 n				0.4 n		0.00081	
62-74-8	Sodium Fluoroacetate	Spring 2015	1				0.1	0.000021								1.3 n	16 n				0.4 n		0.00081	
961-11-5	Sirofos (Tetrachlorovinphos)	Winter 2015	1				0.1	0.031			0.024 H					0.1	96 c				2.8 c		0.0081	
961-11-5	Sirofos (Tetrachlorovinphos)	Spring 2015	1				0.1	0.031			0.024 H					22 c*	96 c				2.8 c		0.0081	
57-24-9	Stychnine	Winter 2015	1				0.1	0.00031								19	250 n				5.9 n		0.065	
57-24-9	Stychnine	Spring 2015	1				0.1	0.00031								19	250 n				5.9 n		0.065	
NA	Styrene-Acrylonitrile (SAN) Trime	Winter 2015	1				0.1	0.003 P								180 n	2500 n				60 n			
NA	Styrene-Acrylonitrile (SAN) Trime	Spring 2015	1				0.1	0.003 P								190 n	2500 n				60 n			
126-33-0	Sulfolane	Winter 2015	1				0.1	0.001 P			0.002 X					10	820 n	2.1 n		8.8 n	-12		0.0044	
126-33-0	Sulfolane	Spring 2015	1				0.1	0.001 P			0.002 X					62 n	820 n	2.1 n		8.8 n	20 n		0.0044	
90-07-9	Sulfonylbis(4-chlorobenzene), 1,1'	Winter 2015	1				0.1	0.0008 P								49 n	660 n				11 n		0.065	
90-07-9	Sulfonylbis(4-chlorobenzene), 1,1'	Spring 2015	1				0.1	0.0008 P								51 n	660 n				11 n		0.065	
7446-11-6	Sulfur Trioxide	Winter 2015	1				0.1				0.001 C					1400000 nm	6000000 nm	1 n		4.4 n				
7446-11-6	Sulfur Trioxide	Spring 2015	1				0.1				0.001 C					1400000 nm	6000000 nm	1 n		4.4 n	2.1 n			
88671-89-C	Sythane	Winter 2015	1				0.1	0.0251								1500 n	2100 n				450 n		5.6	
88671-89-C	Sythane	Spring 2015	1				0.1	0.0251								1600 n	2100 n				450 n		5.6	
21564-17-C	TCMTB	Winter 2015	1				0.1	0.03 H								100	2500 n				480 n		3.3	
21564-17-C	TCMTB	Spring 2015	1				0.1	0.03 H								1900 n	2500 n				480 n		3.3	
34014-18-1	Tebuthiuron	Winter 2015	1				0.1	0.071								100	58000 n				1400 n		0.39	
34014-18-1	Tebuthiuron	Spring 2015	1				0.1	0.071								4300 n	57000 n				1400 n		0.39	
3383-96-8	Temephos	Winter 2015	1				0.1	0.02 H								1200 n	16000 n				400 n		76	
3383-96-8	Temephos	Spring 2015	1				0.1	0.02 H								1300 n	16000 n				400 n		76	
5902-51-2	Terbacil	Winter 2015	1				0.1	0.0131								800 n	11000 n				250 n		0.075	
5902-51-2	Terbacil	Spring 2015	1				0.1	0.0131																

CAS	Chemical	Observation	Type of	Location	GIABS	ABS	Csat (mg/kg)	RfDo (mg/kg-day)	key_2	RfCi (mg/m ³)	key_3	SFO (mg/kg-day) ¹	IUR (ug/m ³) ²	key_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)		
3699-24-5	Tetraethyl Dithiopyrophosphat	Spring 2015	Change Effect			1	0.1	0.0005							32	n	410	n					7.1	n			0.0052		
479-45-8	Tetryl (Trinitrophenylmethylnitramine)	Winter 2015	Change Effect			1	0.1	0.002 P							1	n	1600	n					39	n			0.37		
479-45-8	Tetryl (Trinitrophenylmethylnitramine)	Spring 2015	Change Effect			1	0.0007	0.002 P							160	n	2300	n					39	n			0.37		
563-68-8	Thallium Acetate	Winter 2015	Change Effect			1	0.1	0.00006 X							40	n	700	n					0.12	n					
563-68-8	Thallium Acetate	Spring 2015	Change Effect			1	0.1	0.00006 X							0.47	n	7	n					0.12	n					
563-68-8	Thallium Acetate	Spring 2015	Change Effect			1	0.1	0.00006 X							0.38	n	4.9	n					0.12	n					
6533-73-9	Thallium Carbonate	Winter 2015	Change Effect			1	0.1	0.00002 X							-0.09	n	-2.1	n					0.4	n					
6533-73-9	Thallium Carbonate	Spring 2015	Change Effect			1	0.1	0.00002 X							1.6	n	23	n					0.4	n					
28249-77-6	Thiobencart	Winter 2015	Change Effect			1	0.1	0.01							1.3	n	16	n					0.4	n					
28249-77-6	Thiobencart	Spring 2015	Change Effect			1	0.1	0.01							0.3	n	7	n					160	n			0.55		
39196-18-4	Thiofanox	Winter 2015	Change Effect			1	0.1	0.0003 H							620	n	8200	n					160	n			0.55		
39196-18-4	Thiofanox	Spring 2015	Change Effect			1	0.1	0.0003 H							630	n	8200	n					160	n			0.55		
39196-18-4	Thiofanox	Spring 2015	Change Effect			1	0.1	0.0003 H							18	n	250	n					5.3	n			0.0018		
39196-18-4	Thiofanox	Spring 2015	Change Effect			1	0.1	0.0003 H							19	n	250	n					5.3	n			0.0018		
23564-05-8	Thiophanate, Methyl	Winter 2015	Change Effect			1	0.1	0.08							4900	n	66000	n					1600	n			1.4		
23564-05-8	Thiophanate, Methyl	Spring 2015	Change Effect			1	0.1	0.08							5100	n	66000	n					1600	n			1.4		
137-26-8	Thiram	Winter 2015	Change Effect			1	0.1	0.005							310	n	4100	n					98	n			0.14		
137-26-8	Thiram	Spring 2015	Change Effect			1	0.1	0.005							320	n	4100	n					98	n			0.14		
7550-45-0	Titanium Tetrachloride	Winter 2015	Change Effect			1				0.0001 A					140000	nm	600000	nm		0.1	n		0.44	n					
7550-45-0	Titanium Tetrachloride	Spring 2015	Change Effect			1				0.0001 A					140000	nm	600000	nm		0.1	n		0.44	n					
8001-35-2	Toxaphene	Winter 2015	Change Effect			1	0.1					1.1	0.00032		0.48	c	2.1	c		0.0088	c		0.038	c	0.015	c	3	0.0024	0.46
8001-35-2	Toxaphene	Spring 2015	Change Effect			1	0.1					1.1	0.00032		0.49	c	2.1	c		0.0088	c		0.038	c	0.015	c	3	0.0024	0.46
66841-25-6	Tralometrin	Winter 2015	Change Effect			1	0.1	0.0075							0.01	n	460	n					150	n			58		
66841-25-6	Tralometrin	Spring 2015	Change Effect			1	0.1	0.0075							470	n	6200	n					150	n			58		
688-73-3	Tri-n-butyltir	Winter 2015	Change Effect			1	0.1	0.0003 A							18	n	250	n					3.7	n			0.82		
688-73-3	Tri-n-butyltir	Spring 2015	Change Effect			1	0.1	0.0003 A							23	n	350	n					3.7	n			0.82		
102-76-1	Triacetin	Winter 2015	Change Effect			1	0.1	80 X							4900000	nm	66000000	nm					1600000	n			450		
102-76-1	Triacetin	Spring 2015	Change Effect			1	0.1	80 X							5100000	nm	66000000	nm					1600000	n			450		
2303-17-5	Triallate	Winter 2015	Change Effect			1	0.1	0.013							800	n	11000	n					120	n			0.26		
2303-17-5	Triallate	Spring 2015	Change Effect			1	0.1	0.013							1000	n	15000	n					120	n			0.26		
82097-50-6	Triasulfuron	Winter 2015	Change Effect			1	0.1	0.01							200	n	4000	n					200	n			0.21		
82097-50-6	Triasulfuron	Spring 2015	Change Effect			1	0.1	0.01							620	n	8200	n					200	n			0.21		
82097-50-6	Triasulfuron	Spring 2015	Change Effect			1	0.1	0.01							630	n	8200	n					200	n			0.21		
615-54-3	Tribromobenzene, 1,2,4	Winter 2015	Change Effect			1	0.1	0.005							10	n	4100	n					310	n			0.064		
615-54-3	Tribromobenzene, 1,2,4	Spring 2015	Change Effect			1	0.1	0.005							390	n	5800	n					45	n			0.064		
126-73-8	Tributyl Phosphate	Winter 2015	Change Effect			1	0.1	0.01 P				0.009 P			80	c*	1700	c*					5.1	c*			0.025		
126-73-8	Tributyl Phosphate	Spring 2015	Change Effect			1	0.1	0.01 P				0.009 P			60	c*	260	c*					5.1	c*			0.025		
NA	Tributyltin Compounds	Winter 2015	Change Effect			1	0.1	0.0003 P							1	n	250	n					6	n					
NA	Tributyltin Compounds	Spring 2015	Change Effect			1	0.1	0.0003 P							19	n	250	n					6	n					
56-35-9	Tributyltin Oxide	Winter 2015	Change Effect			1	0.1	0.0003							1	n	250	n					5.7	n			290		
56-35-9	Tributyltin Oxide	Spring 2015	Change Effect			1	0.1	0.0003							19	n	250	n					5.7	n			290		
76-03-9	Trichloroacetic Acid	Winter 2015	Change Effect			1	0.1	0.02				0.07			7.6	c	33	c					1.1	c	60		0.00022	0.012	
76-03-9	Trichloroacetic Acid	Spring 2015	Change Effect			1	0.1	0.02				0.07			7.6	c	33	c					1.1	c	60		0.00022	0.012	
33683-50-2	Trichloroamine HCl, 2,4,6	Winter 2015	Change Effect			1	0.1	0.029 H							0.2	n	80	c					2.7	c			0.0074		
33683-50-2	Trichloroamine HCl, 2,4,6	Spring 2015	Change Effect			1	0.1	0.029 H							18	c	79	c					2.7	c			0.0074		
634-93-5	Trichloroamine, 2,4,6	Winter 2015	Change Effect			1	0.1	0.00003 X				0.007 X			1	n	-1	n					0.4	n			0.0036		
634-93-5	Trichloroamine, 2,4,6	Spring 2015	Change Effect			1	0.1	0.00003 X				0.007 X			1.8	n	25	n					0.4	n			0.0036		
634-93-5	Trichloroamine, 2,4,6	Spring 2015	Change Effect			1	0.1	0.00003 X				0.007 X			1.9	n	25	n					0.4	n			0.0036		
87-61-6	Trichlorobenzene, 1,2,3	Winter 2015	Change Effect			1	0.1	0.0008 X							0.1	n	0	n					7	n			0.021		
87-61-6	Trichlorobenzene, 1,2,3	Spring 2015	Change Effect			1	0.1	0.0008 X							49	n	660	n					7	n			0.021		
87-61-6	Trichlorobenzene, 1,2,3	Spring 2015	Change Effect			1	0.1	0.0008 X							53	n	930	n					7	n			0.021		
95-95-4	Trichlorophenol, 2,4,5	Winter 2015	Change Effect			1	0.1	0.1							14	n	270	n					1200	n			4.4		
95-95-4	Trichlorophenol, 2,4,5	Spring 2015	Change Effect			1	0.1	0.1							6200	n	82000	n					1200	n			4.4		
88-06-2	Trichlorophenol, 2,4,6	Winter 2015	Change Effect			1	0.1	0.001 P				0.011	0.00000311		48	c**	210	c**		0.91	c		4	c			0.015		
88-06-2	Trichlorophenol, 2,4,6	Spring 2015	Change Effect			1	0.1	0.001 P				0.011	0.00000311		48	c**	210	c**		0.91	c		4	c			0.015		
93-76-5	Trichlorophenoxyacetic Acid, 2,4,5	Winter 2015	Change Effect			1	0.1	0.01							620	n	8200	n					160	n			0.067		
93-76-5	Trichlorophenoxyacetic Acid, 2,4,5	Spring 2015	Change Effect			1	0.1	0.01																					

CAS	Chemica	Type of	Observa	v o c	mulager	GIABS	ABS	Csat	RfDo	key_2	RfCI	key_3	SFO	IUR	Resident	Industrial	Resident	Industra	Tapwater	MCL	Risk-based	MCL-based	
								(mg/kg)	(mg/kg-day)		(mg/m3)		(mg/kg-day)	(ug/m3)	Soil (mg/kg)	Soil (mg/kg)	Air (ug/m ³)	Air (ug/m ³)	(ug/L)	(ug/L)	SSL (mg/kg)	SSL (mg/kg)	
50471-44-E	Vinclozolin	Spring 2015					1	0.1	0.0251						1600 n	21000 n			440 n			0.34	
81-81-2	Warfarin	Winter 2015				1	0.1	0.0003							18 n	250 n			5.6 n			0.0059	
81-81-2	Warfarin	Spring 2015				1	0.1	0.0003							19 n	250 n			5.6 n			0.0059	
1330-20-7	Xylenes	Winter 2015	V			1	0.1	258	0.21		0.11				580 ns	2500 ns	100 n	440 n	190 n	10000	0.19	9.8	
1330-20-7	Xylenes	Spring 2015	V			1	0.1	258	0.21		0.11				650 ns	2800 ns	100 n	440 n	190 n	10000	0.19	9.8	
12122-67-7	Zineb	Winter 2015				1	0.1	0.051							3100 n	41000 n			990 n			2.9	
12122-67-7	Zineb	Spring 2015				1	0.1	0.051							3200 n	41000 n			990 n			2.9	
83-32-9	-Acenaphthene	Winter 2015	V			1	0.13	0.061							3500 n	45000 n			530 n			5.5	
83-32-9	-Acenaphthene	Spring 2015	V			1	0.13	0.061							3600 n	45000 n			530 n			5.5	
120-12-7	-Anthracene	Winter 2015	V			1	0.13	0.31							17000 n	230000 nm			1800 n			58	
120-12-7	-Anthracene	Spring 2015	V			1	0.13	0.31							18000 n	230000 nm			1800 n			58	
12674-11-2	-Aroclor 1016	Winter 2015				1	0.14	0.000071					0.07 S	0.00002 S	4 n	30 c**	0.14 c	0.61 c	1.1 c**			0.11	
12674-11-2	-Aroclor 1016	Spring 2015	V			1	0.14	0.000071					0.07 S	0.00002 S	4.1 n	27 c**	0.14 c	0.61 c	0.22 c**			0.021	
11104-28-2	-Aroclor 1221	Winter 2015	V			1	0.14	757					2 S	0.00057 S	0.15 c	0.66 c	0.0049 c	0.021 c	0.0046 c			0.000079	
11104-28-2	-Aroclor 1221	Spring 2015	V			1	0.14						2 S	0.00057 S	0.17 c	0.72 c	0.0049 c	0.021 c	0.0046 c			0.000079	
11141-16-E	-Aroclor 1232	Winter 2015	V			1	0.14	73.2					2 S	0.00057 S	0.15 c	0.66 c	0.0049 c	0.021 c	0.0046 c			0.000079	
11141-16-E	-Aroclor 1232	Spring 2015	V			1	0.14						2 S	0.00057 S	0.17 c	0.72 c	0.0049 c	0.021 c	0.0046 c			0.000079	
53469-21-E	-Aroclor 1242	Winter 2015	V			1	0.14						2 S	0.00057 S	0.24 c	1 c	0.0049 c	0.021 c	0.0039 c			0.0061	
53469-21-E	-Aroclor 1242	Spring 2015	V			1	0.14						2 S	0.00057 S	0.23 c	0.97 c	0.0049 c	0.021 c	0.0078 c			0.0012	
12672-29-4	-Aroclor 1248	Winter 2015	V			1	0.14						2 S	0.00057 S	-0.23	-0.03	0.0049 c	0.021 c	-0.0312			-0.0049	
12672-29-4	-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	
11097-69-1	-Aroclor 1254	Winter 2015	V			1	0.14	0.000021					2 S	0.00057 S	-0.24 c**	-0.06	0.0049 c	0.021 c	-0.0312			-0.0048	
11097-69-1	-Aroclor 1254	Spring 2015	V			1	0.14	0.000021					2 S	0.00057 S	0.24 c**	0.97 c*	0.0049 c	0.021 c	0.0078 c*			0.002	
11096-82-E	-Aroclor 1260	Winter 2015	V			1	0.14						2 S	0.00057 S	0.24 c	-0.03	0.0049 c	0.021 c	-0.0312			-0.008	
11096-82-E	-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	
11126-42-4	-Aroclor 5460	Winter 2015	V			1	0.1	0.0006 X							37 n	490 n			-0.0312			-0.0215	
11126-42-4	-Aroclor 5460	Spring 2015	V			1	0.14	0.0006 X							35 n	440 n			12 n			2	
56-55-3	-Benz[a]anthracene	Winter 2015	V			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			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	
205-82-3	-Benzo[b]fluoranthene	Winter 2015	V			1	0.13						1.2 C	0.00011 C	0.41 c	1.8 c	0.026 c	0.11 c	-0.001			0.078	
205-82-3	-Benzo[b]fluoranthene	Spring 2015	V			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	
50-32-8	-Benzo[k]fluoranthene	Winter 2015	V			1	0.13						0.01	0.011 C	0.015 c	0.29 c	0.0092 c	0.011 c	0.0034 c	0.2		0.004	
50-32-8	-Benzo[k]fluoranthene	Spring 2015	V			1	0.13						0.01	0.011 C	0.016 c	0.29 c	0.0092 c	0.011 c	0.0034 c	0.2		0.004	
205-99-2	-Benzo[e]pyrene	Winter 2015	V			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[e]pyrene	Spring 2015	V			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	
207-08-9	-Benzo[a]fluoranthene	Winter 2015	V			1	0.13						0.073 E	0.00011 C	1.5 c	29 c	0.0092 c	0.11 c	0.34 c			0.4	
207-08-9	-Benzo[a]fluoranthene	Spring 2015	V			1	0.13						0.073 E	0.00011 C	1.6 c	29 c	0.0092 c	0.11 c	0.34 c			0.4	
117-81-7	-Bis(2-ethylhexyl)phthalate	Winter 2015	V			1	0.1	0.021					0.014	0.0000024 C	0.1	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	0.021					0.014	0.0000024 C	1	38 c*	160 c	1.2 c	5.1 c	5.6 c*	6	1.3	1.4
85-70-1	-Butylphthalyl Butylglycolate	Winter 2015	V			1	0.1	1							62000 n	820000 nm			13000 n			300	
85-70-1	-Butylphthalyl Butylglycolate	Spring 2015	V			1	0.1	1							63000 n	820000 nm			13000 n			300	
91-58-7	-Chloronaphthalene, Beta	Winter 2015	V			1	0.13	0.081							6300 n	93000 n			750 n			3.8	
91-58-7	-Chloronaphthalene, Beta	Spring 2015	V			1	0.13	0.081							4900 n	93000 n			750 n			3.8	
218-01-9	-Chrysene	Winter 2015	V			1	0.13						0.0073 E	0.0000011 C	15 c	290 c	0.092 c	1.1 c	3.4 c			1.2	
218-01-9	-Chrysene	Spring 2015	V			1	0.13						0.0073 E	0.0000011 C	16 c	290 c	0.092 c	1.1 c	3.4 c			1.2	
57-12-6	-Cyanide (CN-)	Winter 2015	V			1		10000000	0.00061		0.0008 S				21 n	130 n	0.83 n	3.5 n	1.5 n	200		0.015	
57-12-6	-Cyanide (CN-)	Spring 2015	V			1		972000	0.00061		0.0008 S				2.7 n	12 n	0.83 n	3.5 n	1.5 n	200		0.015	
53-70-3	-Dibenz[a,h]anthracene	Winter 2015	V			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			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	
192-65-4	-Dibenzo[a,e]pyrene	Winter 2015	V			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	-Dibenzo[a,e]pyrene	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	
132-64-9	-Dibenzofuran	Winter 2015	V			1	0.03	0.001 X							72 n	1000 n			7.9 n			0.15	
132-64-9	-Dibenzofuran	Spring 2015	V			1	0.03	0.001 X							73 n	1000 n			7.9 n			0.15	
84-74-2	-Diethyl Phthalate	Winter 2015	V			1	0.1	0.11							6200 n	82000 n			900 n			2.3	
84-74-2	-Diethyl Phthalate	Spring 2015	V			1	0.1	0.11							6300 n	82000 n			900 n			2.3	
84-66-2	-Diethyl Phthalate	Winter 2015	V			1	0.1	0.81							49000 n	660000 nm			15000 n			6.1	
84-66-2	-Diethyl Phthalate	Spring 2015	V			1	0.1	0.81							51000 n	660000 nm			15000 n			6.1	
57-97-6	-Dimethylbenz(a)anthracene, 7,12	Winter 2015	V			1	0.13						250 C	0.071 C	0.00045 c	0.0085 c	0.000014 c	0.00017 c	0.0001 c			0.000099	
57-97-6	-Dimethylbenz(a)anthracene, 7,12	Spring 2015	V			1	0.13						250 C	0.071 C	0.00046 c	0.0084 c	0.000014 c	0.00017 c	0.0001 c			0.000099	
206-44-0	-Fluoranthene	Winter 2015	V			1	0.13	0.041															

CAS	Chemica	Type of	Observa	Loc	mulager	GIABS	ABS	Csat	RfDo	key_2	RfCl	key_3	SFO	IUR	key_1	Resident	Industrial	Resident	Industra	Tapwater	MCL	Risk-based	MCL-based
								(mg/kg)	(mg/kg-day)		(mg/m3)		(mg/kg-day) ¹	(ug/m3) ²		Soil (mg/kg)	Soil (mg/kg)	Air (ug/m ³)	Air (ug/m ³)	(ug/L)	(ug/L)	SSL (mg/kg)	SSL (mg/kg)
193-39-5	-Hexachlorobiphenyl, 3,3',4,4',5,5'-(PCB 166)	Change Effect X	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			0.24	
193-39-5	-Indeno[1,2,3-cd]pyrene	Change Effect X	Spring 2015		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			0.13	
7439-92-1	-Indeno[1,2,3-cd]pyrene	Change Effect X	Winter 2015				1						0.01		400 L	800 L	0.15 L		15 L	15		-0.11	
7439-92-1	-Lead and Compounds	Change Effect X	Spring 2015				1								400 L	800 L	0.15 L		15 L	15			14
1335-32-6	-Lead and Compound	Change Effect X	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	Change Effect X	Spring 2015				1	0.1					0.0085 C	0.000012 C	64 c	270 c	0.23 c	1 c	9.2 c				
90-12-0	-Lead subacetate	Change Effect X	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	Change Effect X	Spring 2015	V			1	0.13	0.07 A				0.029 P		18 c	73 c			1.1 c			0.0058	
91-57-6	-Methylnaphthalene, 1	Change Effect X	Winter 2015	V			1	0.13	0.004 I						230 n	3000 n			36 n			0.19	
91-57-6	-Methylnaphthalene, 2	Change Effect X	Spring 2015	V			1	0.13	0.004 I						240 n	3000 n			36 n			0.19	
57835-92-4	-Methylnaphthalene, 2	Change Effect X	Winter 2015	V			1	0.13	0.004 I						10	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	Change Effect X	Spring 2015	V			1	0.13	1.2 C				1.2 C	0.00011 C	0.42 c	1.8 c	0.026 c	0.11 c	0.019 c			0.0032	
117-84-0	-Nitropyrene, 4	Change Effect X	Winter 2015	V			1	0.1	0.01 P						0.01	620 n	8200 n			200 n			57
117-84-0	-Octyl Phthalate, di-N	Change Effect X	Spring 2015	V			1	0.1	0.01 P						630 n	8200 n			200 n			57	
65510-44-3	-Octyl Phthalate, di-N	Change Effect X	Winter 2015	V			1	0.14	0.000023 E	0.0013 E			3.9 E	0.0011 E	10	0.53 c*	0.0025 c	0.011 c	0.02 c*			0.0052	
65510-44-3	-Pentachlorobiphenyl, 2,3,4,4',5-(PCB 122)	Change Effect X	Spring 2015	V			1	0.14	0.000023 E	0.0013 E			3.9 E	0.0011 E	0.12 c*	0.5 c*	0.0025 c	0.011 c	0.004 c			0.001	
31508-00-6	-Pentachlorobiphenyl, 2,3,4,4',5-(PCB 122)	Change Effect X	Winter 2015	V			1	0.14	0.000023 E	0.0013 E			3.9 E	0.0011 E	0.12 c*	-0.03	0.0025 c	0.011 c	0.02 c*			-0.042	0.0051
31508-00-6	-Pentachlorobiphenyl, 2,3,4,4',5-(PCB 118)	Change Effect X	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			-0.042	0.001
32598-14-4	-Pentachlorobiphenyl, 2,3,4,4',5-(PCB 118)	Change Effect X	Winter 2015	V			1	0.14	0.000023 E	0.0013 E			3.9 E	0.0011 E	0.12 c*	-0.03	0.0025 c	0.011 c	0.004 c			-0.041	-0.0041
32598-14-4	-Pentachlorobiphenyl, 2,3,3',4,4',5-(PCB 105)	Change Effect X	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			0.02 c*	0.0052
32598-14-4	-Pentachlorobiphenyl, 2,3,3',4,4',5-(PCB 105)	Change Effect X	Winter 2015	V			1	0.14	0.000023 E	0.0013 E			3.9 E	0.0011 E	0.12 c*	-0.03	0.0025 c	0.011 c	0.004 c			-0.018 X	-0.0042
74472-37-6	-Pentachlorobiphenyl, 2,3,4,4',5-(PCB 114)	Change Effect X	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			0.02 c*	0.0052
74472-37-6	-Pentachlorobiphenyl, 2,3,4,4',5-(PCB 114)	Change Effect X	Winter 2015	V			1	0.14	0.000023 E	0.0013 E			3.9 E	0.0011 E	0.12 c*	-0.03	0.0025 c	0.011 c	0.004 c			-0.018 X	-0.0042
57465-28-5	-Pentachlorobiphenyl, 2,3,4,4',5-(PCB 126)	Change Effect X	Spring 2015	V			1	0.14	0.00000000 E	0.00000000 E			13000 E	3.8 E	0.000037 c*	0.00016 c*	0.00000074 c	0.00000032 c	0.000006 c*			0.000015	0.000015
57465-28-5	-Pentachlorobiphenyl, 3,3',4,4',5-(PCB 126)	Change Effect X	Winter 2015	V			1	0.14	0.00000000 E	0.00000000 E			13000 E	3.8 E	0.000037 c*	0.00015 c*	0.00000074 c	0.00000032 c	0.000006 c*			0.000003	0.000003
62-38-4	-Phenylmercuric Acetate	Change Effect X	Spring 2015	V			1	0.1	0.00008 I						4.9 n	66 n			1.6 n			0.0005	
62-38-4	-Phenylmercuric Acetate	Change Effect X	Winter 2015	V			1	0.1	0.00008 I						5.1 n	66 n			1.6 n			0.0005	
100-21-0	-Phthalic Acid, P-	Change Effect X	Spring 2015	V			1	0.1	1 H						0.2	62000 nm	820000 nm			19000 n			6.8
100-21-0	-Phthalic Acid, P-	Change Effect X	Winter 2015	V			1	0.1	1 H						63000 n	820000 nm			19000 n			6.8	
85-44-9	-Phthalic Anhydrid	Change Effect X	Spring 2015	V			1	0.1	2 I	0.02 C					1000	120000 nm	1600000 nm	21 n	88 n	39000 n			8.5
85-44-9	-Phthalic Anhydrid	Change Effect X	Winter 2015	V			1	0.1	2 I	0.02 C					10000	130000 nm	1600000 nm	21 n	88 n	39000 n			8.5
1336-36-3	-Polychlorinated Biphenyls (high risk)	Change Effect X	Spring 2015	V			1	0.14					2 I	0.00057 I	0.24 c	1 c	0.0049 c	0.021 c					
1336-36-3	-Polychlorinated Biphenyls (high risk)	Change Effect X	Winter 2015	V			1	0.14					2 I	0.00057 I	0.23 c	0.97 c	0.0049 c	0.021 c					
1336-36-3	-Polychlorinated Biphenyls (low risk)	Change Effect X	Spring 2015	V			1	0.14					0.4 I	0.0001 I	0.028 c	0.12 c	0.028 c	0.12 c	0.19 c	0.5		0.03	0.078
1336-36-3	-Polychlorinated Biphenyls (low risk)	Change Effect X	Winter 2015	V			1	0.14					0.4 I	0.0001 I	0.028 c	0.12 c	0.028 c	0.12 c	0.044 c	0.5		0.038	0.078
1336-36-3	-Polychlorinated Biphenyls (lowest risk)	Change Effect X	Spring 2015	V			1	0.14					0.07 I	0.00002 I	0.14 c	0.61 c	0.14 c	0.61 c	-0.146			-0.0232	
1336-36-3	-Polychlorinated Biphenyls (lowest risk)	Change Effect X	Winter 2015	V			1	0.13	0.03 I				0.07 I	0.00002 I	0.14 c	0.61 c	0.14 c	0.61 c					
129-00-0	-Pyrene	Change Effect X	Spring 2015	V			1	0.13	0.03 I						1700 n	23000 n			120 n			13	
129-00-0	-Pyrene	Change Effect X	Winter 2015	V			1	0.13	0.03 I						1800 n	23000 n			120 n			13	
1746-01-6	-TCDD, 2,3,7,8-	Change Effect X	Spring 2015	V			1	0.03	7E-10 I	0.00000004 C			13000 C	38 C	0.0000046 c*	0.000022 c*	0.000000074 c	0.00000032 c	0.0000006 c*		0.00003	0.0000003	0.000015
1746-01-6	-TCDD, 2,3,7,8-	Change Effect X	Winter 2015	V			1	0.03	7E-10 I	0.00000004 C			13000 C	38 C	0.0000046 c*	0.000022 c*	0.000000074 c	0.00000032 c	0.0000006 c*		0.00003	0.00000005	0.000015
32598-13-3	-Tetrachlorobiphenyl, 3,3',4,4'-(PCB 77)	Change Effect X	Spring 2015	V			1	0.14	0.000007 E	0.0004 E			13 E	0.0038 E	0.037 c*	0.16 c*	0.00074 c	0.0032 c	0.006 c*			0.0004	
32598-13-3	-Tetrachlorobiphenyl, 3,3',4,4'-(PCB 77)	Change Effect X	Winter 2015	V			1	0.14	0.000007 E	0.0004 E			13 E	0.0038 E	0.038 c*	0.16 c*	0.00074 c	0.0032 c	0.006 c*			0.0004	
70362-50-4	-Tetrachlorobiphenyl, 3,3',4,4'-(PCB 81)	Change Effect X	Spring 2015	V			1	0.14	0.0000023 E	0.00013 E			39 E	0.011 E	0.012 c*	0.053 c*	0.00025 c	0.0011 c	0.002 c*			0.00031	
70362-50-4	-Tetrachlorobiphenyl, 3,4,4',5-(PCB 81)	Change Effect X	Winter 2015	V			1	0.14	0.0000023 E	0.00013 E			39 E	0.011 E	0.012 c*	0.049 c*	0.00025 c	0.0011 c	0.004 c			0.00062	
78-00-2	-Tetraethyl Leac	Change Effect X	Spring 2015	V			1	0.1	0.00000011 I						0.062 n	0.082 n			-0.0016 X			0.000246	
78-00-2	-Tetraethyl Leac	Change Effect X	Winter 2015	V			1	2.43	0.00000011 I						0.0078 n	0.12 n			0.0013 n			0.000047	
463-56-9	-Thiocyanic Acid	Change Effect X	Spring 2015	V			1		0.0002 X						16 n	230 n			4 n				
463-56-9	-Thiocyanic Acid	Change Effect X	Winter 2015	V			1		0.0002 X						16 n	230 n			4 n				