

CAS	Chemical	Type of Observation	vo	mutagen	GIABS	ABS	Csat (mg/kg)	RfDo (mg/kg-day)	ky	RfCi (mg/m3)	ky	SFO (mg/kg-day) ⁻¹	ky	IUR (ug/m3) ⁻¹	ky	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident Air (ug/m ³)	key	Industrial Air (ug/m ³)	key	Tapwater (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)	
1689-99-2	Bromoxynil Octanoate	Fall 2017	V		1			0.015	O							1200 n		18000 n						100 n				0.9	
1689-99-2	Bromoxynil Octanoate	Spring 2018	V		1			0.015	O							6.7 c		32 c						0.24 c				0.0021	
.	Bromoxynil Octanoate	Change														-1193.3 X		-17968 X						-99.76 X				-0.8979	
64902-72-3	Chlorsulfuron	Fall 2017			1	0.1		0.02	O							1300 n		16000 n						390 n				0.33	
64902-72-3	Chlorsulfuron	Spring 2018			1	0.1		0.05	O							3200 n		41000 n						990 n				0.83	
.	Chlorsulfuron	Change						0.03								1900 .		25000 .						600				0.5	
52315-07-8	Cypermethrin	Fall 2017			1	0.1		0.06	O							3800 n		49000 n						1200 n				190	
66215-27-8	Cyromazine	Fall 2017			1	0.1		0.015	O							950 n		12000 n						300 n				0.076	
66215-27-8	Cyromazine	Spring 2018			1	0.1		0.5	O							32000 n		410000 nm						9900 n				2.5	
.	Cyromazine	Change						0.485								31050 .		398000 .X.						9600				2.424	
141-66-2	Diclotophos	Fall 2017			1	0.1		0.00007	O							4.4 n		57 n						1.4 n				0.00033	
141-66-2	Diclotophos	Spring 2018			1	0.1		0.00003	O							1.9 n		25 n						0.6 n				0.00014	
.	Diclotophos	Change						-0.000040								-2.5 .		-32 .						-0.8				-0.00019	
16984-48-8	Fluoride	Fall 2017			1			0.04	C	0.013	C					3100 n		47000 n		14 n		57 n		800 n				120	
16984-48-8	Fluoride	Spring 2018			1			0.04	C	0.013	C					3100 n		47000 n		14 n		57 n		800 n		4000		120	600
.	Fluoride	Change														.		.										XXXX	
56425-91-3	Flurprimidol	Fall 2017			1	0.1		0.015	O							950 n		12000 n						260 n				1.2	
56425-91-3	Flurprimidol	Spring 2018			1	0.1		0.04	O							2500 n		33000 n						690 n				3.1	
.	Flurprimidol	Change						0.025								1550 .		21000 .						430				1.9	
302-01-2	Hydrazine	Fall 2017	V		1				O	0.00003	P	3	I	0.0049	I	0.23 c		1.1 c		0.00057	c*	0.0025	c*	0.0011	c*				
302-01-2	Hydrazine	Spring 2018	V		1		112000		O	0.00003	P	3	I	0.0049	I	0.032 c*		0.14 c*		0.00057	c*	0.0025	c*	0.0011	c*				0.0000022
.	Hydrazine	Change														-0.198 .X.		-0.96 .X.											
40487-42-1	Pendimethalin	Fall 2017			1	0.1		0.03	O							1900 n		25000 n						140 n				1.6	
40487-42-1	Pendimethalin	Spring 2018			1	0.1		0.3	O							19000 n		250000 nm						1400 n				16	
.	Pendimethalin	Change						0.27								17100 .		225000 .X.						1260				14.4	
29232-93-7	Pirimiphos, Methyl	Fall 2017			1	0.1		0.000067	O							4.2 n		55 n						0.81 n				0.00077	
29232-93-7	Pirimiphos, Methyl	Spring 2018			1	0.1		0.00007	O							4.4 n		57 n						0.85 n				0.00081	
.	Pirimiphos, Methyl	Change						0.000003								0.2 .		2 .						0.04					
2312-35-8	Propargite	Fall 2017			1	0.1		0.04	O					0.033	O	17 c		70 c						0.92 c				0.068	
2312-35-8	Propargite	Spring 2018			1	0.1		0.04	O					0.19	O	2.8 c		12 c						0.16 c				0.011	
.	Propargite	Change						0.157								-14.2 .		-58 .						-0.76				-0.057	
7681-49-4	Sodium Fluoride	Fall 2017			1			0.05	A	0.013	C					3900 n		58000 n		14 n		57 n		1000 n					
7681-49-4	Sodium Fluoride	Spring 2018			1			0.05	A	0.013	C					3900 n		58000 n		14 n		57 n		1000 n		4000			
.	Sodium Fluoride	Change														.		.										XXXX	
22967-92-6	-Methyl Mercury	Fall 2017			1			0.0001	I							7.8 n		120 n						2 n					
22967-92-6	-Methyl Mercury	Spring 2018			1			0.0001	I							7.8 n		120 n						2 n				14	
.	-Methyl Mercury	Change														.		.											