

CAS	Chemical	Type of Observation	Vol	mutagen	GIABS	ABS	Csat (mg/kg)	RfDo (mg/kg-day)	ky	RfCi (mg/m3)	ky	SFO (mg/kg-day) <sup>-1</sup>	ky	IUR (ug/m3) <sup>-1</sup>	ky	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident Air (ug/m <sup>3</sup> )	key	Industrial Air (ug/m <sup>3</sup> )	key	Tapwater (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)
1689-99-2	Bromoxynil Octanoate	Fall 2017	V			1		0.015	O							120	n	1800	n					10	n		0.09	
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														-113.3	XX	-1768	XX					-9.76	XX		-0.0879	
64902-72-3	Chlorsulfuron	Fall 2017				1	0.1	0.02	O							130	n	1600	n					39	n		0.033	
64902-72-3	Chlorsulfuron	Spring 2018				1	0.1	0.05	O							320	n	4100	n					99	n		0.083	
.	Chlorsulfuron	Change						0.03								190	.	2500	.					60			0.05	
52315-07-8	Cypermethrin	Fall 2017				1	0.1	0.06	O							380	n	4900	n					120	n		0.019	
66215-27-8	Cyromazine	Fall 2017				1	0.1	0.015	O							95	n	1200	n					30	n		0.0076	
66215-27-8	Cyromazine	Spring 2018				1	0.1	0.5	O							3200	n	41000	n					990	n		0.25	
.	Cyromazine	Change						0.485								3105	.	39800	.					960			0.2424	
141-66-2	Diclotophos	Fall 2017				1	0.1	0.00007	O							0.44	n	5.7	n					0.14	n		0.000033	
141-66-2	Diclotophos	Spring 2018				1	0.1	0.00003	O							0.19	n	2.5	n					0.06	n		0.000014	
.	Diclotophos	Change						-0.00004								-0.25	.	-3.2	.					-0.08				
16984-48-8	Fluoride	Fall 2017				1		0.04	C	0.013	C					310	n	4700	n	1.4	n	5.7	n	80	n		12	
16984-48-8	Fluoride	Spring 2018				1		0.04	C	0.013	C					310	n	4700	n	1.4	n	5.7	n	80	n	4000	12	600
.	Fluoride	Change														.	.	.	.						XXXX			
56425-91-3	Flurprimidol	Fall 2017				1	0.1	0.015	O							95	n	1200	n					26	n		0.12	
56425-91-3	Flurprimidol	Spring 2018				1	0.1	0.04	O							250	n	3300	n					69	n		0.31	
.	Flurprimidol	Change						0.025								155	.	2100	.					43			0.19	
302-01-2	Hydrazine	Fall 2017	V			1				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			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	.XX	-0.96	.XX									
40487-42-1	Pendimethalin	Fall 2017				1	0.1	0.03	O							190	n	2500	n					14	n		0.16	
40487-42-1	Pendimethalin	Spring 2018				1	0.1	0.3	O							1900	n	25000	n					140	n		1.6	
.	Pendimethalin	Change						0.27								1710	.	22500	.					126			1.44	
29232-93-7	Pirimiphos, Methyl	Fall 2017				1	0.1	0.000067	O							0.42	n	5.5	n					0.081	n		0.000077	
29232-93-7	Pirimiphos, Methyl	Spring 2018				1	0.1	0.00007	O							0.44	n	5.7	n					0.085	n		0.000081	
.	Pirimiphos, Methyl	Change						0.00000								0.02	.	0.2	.					0.004				
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	.X					-0.76	.X		-0.057	
7681-49-4	Sodium Fluoride	Fall 2017				1		0.05	A	0.013	C					390	n	5800	n	1.4	n	5.7	n	100	n			
7681-49-4	Sodium Fluoride	Spring 2018				1		0.05	A	0.013	C					390	n	5800	n	1.4	n	5.7	n	100	n	4000		
.	Sodium Fluoride	Change														.	.	.	.						XXXX			
22967-92-6	-Methyl Mercury	Fall 2017				1		0.0001	I							0.78	n	12	n					0.2	n			
22967-92-6	-Methyl Mercury	Spring 2018				1		0.0001	I							0.78	n	12	n					0.2	n		1.4	
.	-Methyl Mercury	Change														.	.	.	.									