

CAS	Chemical	Type of Observation	v o l	mutagen	GIABS	ABS	Csat (mg/kg)	RfDo (mg/kg-day)	k e y	RfCi (mg/m3)	k e y	SFO (mg/kg-day) ⁻¹	k e y	IUR (ug/m3) ⁻¹	k e y	Resident Soil (mg/kg)	Industrial Soil (mg/kg)	Resident Air (ug/m ³)	Industrial Air (ug/m ³)	Tapwater (ug/L)	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														X.	-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			0.19	
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	
.	Fluoride	Change																		80 n	XXXX		600	
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**	0.00000022
.	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																		100 n	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																						