CAS	Chemical	Type of Observation	vol	muta-gen	GIABS	ABS	Csat (mg/kg)	RfDo (mg/kg-day)	key	RfCi (mg/m3)	key	SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m3)$^{-1}$	key	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)
121-82-4	Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	Spring 2018			1.00	0.02		0.003	I			0.11	I			6.1	c*	28	c					0.7	c*		0.00027	
121-82-4	Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	Fall 2018			1.00	0.02		0.004	I			0.08	I			8.3	c*	38	c					0.97	c*		0.00037	
	Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	Change Effect						0.001				-0.03				2.2		10						0.27				
7439-91-0	Lanthanum	Fall 2018			1.00			0.00005	P							3.9	n	58	n					1	n			
100587-90-4	Lanthanum Acetate Hydrate	Fall 2018			1.00	0.10		0.000021	P							1.3	n	17	n					0.42	n			
10025-84-0	Lanthanum Chloride Heptahydrate	Fall 2018			1.00			0.000019	P							1.5	n	22	n					0.37	n			
10099-58-8	Lanthanum Chloride, Anhydrous	Fall 2018			1.00			0.000028	P							2.2	n	33	n					0.57	n			
10277-43-7	Lanthanum Nitrate Hexahydrate	Fall 2018			1.00			0.000016	P							1.3	n	19	n					0.32	n			
75-44-5	Phosgene	Spring 2018	V		1.00		1610			0.0003	I					0.31	n	1.3	n	0.31	n	1.3	n					
75-44-5	Phosgene	Fall 2018	V		1.00		1610			0.0003	I					0.31	n	1.3	n	0.31	n	1.3	n	0.63	n		0.00016	
	Phosgene	Change Effect																							X.			
23950-58-5	Pronamide	Fall 2018			1.00	0.10		0.075	I							4700	n	62000	n					1200	n		1.2	
23950-58-5	Propyzamide	Spring 2018			1.00	0.10		0.075	I							4700	n	62000	n					1200	n		1.2	
E715557	Refractory Ceramic Fibers	Spring 2018			1.00					0.03	A					43000000	nm	180000000	nm	31	n	130	n					
E715557	Refractory Ceramic Fibers (units in fibers)	Fall 2018			1.00					0.03	A									31	S	130	S					
7681-49-4	Sodium Fluoride	Spring 2018			1.00			0.05	A	0.013	C					3900	n	58000	n	14	n	57	n	1000	n	4000		
7681-49-4	Sodium Fluoride	Fall 2018			1.00			0.05	A	0.013	C					3900	n	58000	n	14	n	57	n	1000	n	4000	150	600
	Sodium Fluoride	Change Effect																										
540-88-5	Tert-Butyl Acetate	Fall 2018	V		1.00	0.10						0.005	C	0	C	8	c	35	c	2.2	c	9.4	c	3.3	c		0.00076	
8001-35-2	Toxaphene	Spring 2018			1.00	0.10						1.1	I	0.00032	I	0.49	c	2.1	c	0.0088	c	0.038	c	0.071	c	3	0.011	0.46
8001-35-2	Toxaphene	Fall 2018			1.00	0.10		0.00009	P			1.1	I	0.00032	I	0.49	c*	2.1	c*	0.0088	c	0.038	c	0.071	c*	3	0.011	0.46
	Toxaphene	Change Effect							X.							.X		.X							.X			
E1841606	Toxaphene, Weathered	Fall 2018			1.00	0.10		0.00003	X							1.9	n	25	n					0.6	n		0.093	
39635-31-9	~Heptachlorobiphenyl, 2,3,3',4,4',5,5'- (PCB 189)	Spring 2018	V		1.00	0.14		0.000023	E	0.0013	E	3.9	E	0.0011	E	0.13	c*	0.52	c*	0.0025	c	0.011	c	0.004	c		0.0028	
39635-31-9	~Heptachlorobiphenyl, 2,3,3',4,4',5,5'- (PCB 189)	Fall 2018	V		1.00	0.14		0.000023	W	0.0013	W	3.9	W	0.0011	W	0.13	c*	0.52	c*	0.0025	c	0.011	c	0.004	c		0.0028	
	~Heptachlorobiphenyl, 2,3,3',4,4',5,5'- (PCB 189)	Change Effect							X.		X.		X.		X.													
52663-72-6	~Hexachlorobiphenyl, 2,3',4,4',5,5'- (PCB 167)	Spring 2018	V		1.00	0.14		0.000023	E	0.0013	E	3.9	E	0.0011	E	0.12	c*	0.51	c*	0.0025	c	0.011	c	0.004	c		0.0017	
52663-72-6	~Hexachlorobiphenyl, 2,3',4,4',5,5'- (PCB 167)	Fall 2018	V		1.00	0.14		0.000023	W	0.0013	W	3.9	W	0.0011	W	0.12	c*	0.51	c*	0.0025	c	0.011	c	0.004	c		0.0017	
	~Hexachlorobiphenyl, 2,3',4,4',5,5'- (PCB 167)	Change Effect							X.		X.		X.		X.													
69782-90-7	~Hexachlorobiphenyl, 2,3,3',4,4',5'- (PCB 157)	Spring 2018	V		1.00	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		0.0017	
69782-90-7	~Hexachlorobiphenyl, 2,3,3',4,4',5'- (PCB 157)	Fall 2018	V		1.00	0.14		0.000023	W	0.0013	W	3.9	W	0.0011	W	0.12	c*	0.5	c*	0.0025	c	0.011	c	0.004	c		0.0017	
	~Hexachlorobiphenyl, 2,3,3',4,4',5'- (PCB 157)	Change Effect							X.		X.		X.		X.													
38380-08-4	~Hexachlorobiphenyl, 2,3,3',4,4',5- (PCB 156)	Spring 2018	V		1.00	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		0.0017	
38380-08-4	~Hexachlorobiphenyl, 2,3,3',4,4',5- (PCB 156)	Fall 2018	V		1.00	0.14		0.000023	W	0.0013	W	3.9	W	0.0011	W	0.12	c*	0.5	c*	0.0025	c	0.011	c	0.004	c		0.0017	
	~Hexachlorobiphenyl, 2,3,3',4,4',5- (PCB 156)	Change Effect							X.		X.		X.		X.													
32774-16-6	~Hexachlorobiphenyl, 3,3',4,4',5,5'- (PCB 169)	Spring 2018	V		1.00	0.14		0	E	0	E	3900	E	1.1	E	0.00012	c*	0.00051	c*	0	c	0.000011	c	0	c		0	
32774-16-6	~Hexachlorobiphenyl, 3,3',4,4',5,5'- (PCB 169)	Fall 2018	V		1.00	0.14		0	W	0	W	3900	W	1.1	W	0.00012	c*	0.00051	c*	0	c	0.000011	c	0	c		0	
	~Hexachlorobiphenyl, 3,3',4,4',5,5'- (PCB 169)	Change Effect							X.		X.		X.		X.													
65510-44-3	~Pentachlorobiphenyl, 2',3,4,4',5- (PCB 123)	Spring 2018	V		1.00	0.14		0.000023	E	0.0013	E	3.9	E	0.0011	E	0.12	c*	0.49	c*	0.0025	c	0.011	c	0.004	c		0.001	
65510-44-3	~Pentachlorobiphenyl, 2',3,4,4',5- (PCB 123)	Fall 2018	V		1.00	0.14		0.000023	W	0.0013	W	3.9	W	0.0011	W	0.12	c*	0.49	c*	0.0025	c	0.011	c	0.004	c		0.001	
	~Pentachlorobiphenyl, 2',3,4,4',5- (PCB 123)	Change Effect							X.		X.		X.		X.													
31508-00-6	~Pentachlorobiphenyl, 2,3',4,4',5- (PCB 118)	Spring 2018	V		1.00	0.14		0.000023	E	0.0013	E	3.9	E	0.0011	E	0.12	c*	0.49	c*	0.0025	c	0.011	c	0.004	c		0.001	
31508-00-6	~Pentachlorobiphenyl, 2,3',4,4',5- (PCB 118)	Fall 2018	V		1.00	0.14		0.000023	W	0.0013	W	3.9	W	0.0011	W	0.12	c*	0.49	c*	0.0025	c	0.011	c	0.004	c		0.001	
	~Pentachlorobiphenyl, 2,3',4,4',5- (PCB 118)	Change Effect							X.		X.		X.		X.													
32598-14-4	~Pentachlorobiphenyl, 2,3,3',4,4'- (PCB 105)	Spring 2018	V		1.00	0.14		0.000023	E	0.0013	E	3.9	E	0.0011	E	0.12	c*	0.49	c*	0.0025	c	0.011	c	0.004	c		0.001	
32598-14-4	~Pentachlorobiphenyl, 2,3,3',4,4'- (PCB 105)	Fall 2018	V		1.00	0.14		0.000023	W	0.0013	W	3.9	W	0.0011	W	0.12	c*	0.49	c*	0.0025	c	0.011	c	0.004	c		0.001	
	~Pentachlorobiphenyl, 2,3,3',4,4'- (PCB 105)	Change Effect							X.		X.		X.		X.													
74472-37-0	~Pentachlorobiphenyl, 2,3,4,4',5- (PCB 114)	Spring 2018	V		1.00	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	
74472-37-0	~Pentachlorobiphenyl, 2,3,4,4',5- (PCB 114)	Fall 2018	V		1.00	0.14		0.000023	W	0.0013	W	3.9	W	0.0011	W	0.12	c*	0.5	c*	0.0025	c	0.011	c	0.004	c		0.001	
	~Pentachlorobiphenyl, 2,3,4,4',5- (PCB 114)	Change Effect							X.		X.		X.		X.													
57465-28-8	~Pentachlorobiphenyl, 3,3',4,4',5- (PCB 126)	Spring 2018	V		1.00	0.14		0	E	0	E	13000	E	3.8	E	0.000036	c*	0.00015	c*	0	c	0	c	0	c		0	
57465-28-8	~Pentachlorobiphenyl, 3,3',4,4',5- (PCB 126)	Fall 2018	V		1.00	0.14		0	W	0	W	13000	W	3.8	W	0.000036	c*	0.00015	c*	0	c	0	c	0	c		0	
	~Pentachlorobiphenyl, 3,3',4,4',5- (PCB 126)	Change Effect							X.		X.		X.		X.													
32598-13-3	~Tetrachlorobiphenyl, 3,3',4,4'- (PCB 77)	Spring 2018			1.00	0.14		0	E	0.0004	E	13	E	0.0038	E	0.038	c*	0.16	c*	0.00074	c	0.0032	c	0.006	c*		0.00094	
32598-13-3	~Tetrachlorobiphenyl, 3,3',4,4'- (PCB 77)	Fall 2018			1.00	0.14		0	W	0.0004	W	13	W	0.0038	W	0.038	c*	0.16	c*	0.00074	c	0.0032	c	0.006	c*		0.00094	
	~Tetrachlorobiphenyl, 3,3',4,4'- (PCB 77)	Change Effect							X.		X.		X.		X.													
70362-50-4	~Tetrachlorobiphenyl, 3,4,4',5- (PCB 81)	Spring 2018	V		1.00	0.14		0	E	0.00013	E	39	E	0.011	E	0.012	c*	0.048	c*	0.00025	c	0.0011	c	0.0004	c		0.000062	
70362-50-4	~Tetrachlorobiphenyl, 3,4,4',5- (PCB 81)	Fall 2018	V		1.00	0.14		0	W	0.00013	W	39	W	0.011	W	0.012	c*	0.048	c*	0.00025	c	0.0011	c	0.0004	c		0.000062	
	~Tetrachlorobiphenyl, 3,4,4',5- (PCB 81)	Change Effect							X.		X.		X.		X.													