

Technical Details for Priority Persistent Pollutant List

Raw EPISuite (v4.00) RESULTS							Converted EPISuite (v4.00) RESULTS										HUMAN HEALTH CRITERIA				
POV (hr)	log(BCF)	Tox	Tbx basis	CASRN	Tier	Group	Chemical Name	Pov (d)	BCF (L/kg)	Fish Toxicity (mg/L)	Basis	"P" Score	"B" Score	"T" Score	Total Score	Non-Cancer	RfD (mg/kg/d)	EPA WOE Cancer	Oral Cancer Slope Factor	Principal Use(s)	Present In Oregon?
TIER I - PERSISTENT POLLUTANTS																					
2580	3.05	0.145	d*	120-12-7	T1	G6	Anthracene	108	1,122	1.45E-01	d*	1	1	1	3					Dyes; Combustion by-product	
---	---	---	---	7440-38-2	T1	G7	Arsenic Compounds [As(III), dissolved]	---	---	1.50E-01	f	---	---	---	---		0.0003	A	1.50	Pesticide (legacy agriculture)	
11300	2.59	1.90E-02	d*	56-55-3	T1	G6	Benz(a)anthracene	471	389	1.90E-02	d*	2	0	1	3			B2		None (combustion by-product)	F
14900	2.56	6.00E-03	d*	50-32-8	T1	G6	Benzo(a)pyrene	621	363	6.00E-03	d*	2	0	2	4			B2	7.30	None (combustion by-product)	F
15000	2.98	6.00E-03	d*	205-99-2	T1	G6	Benzo(b)fluoranthene	625	955	6.00E-03	d*	2	0	2	4			B2	0.73	None (combustion by-product)	F
16100	1.82	2.00E-03	d*	191-24-2	T1	G6	Benzo(g,h,i)perylene	671	66	2.00E-03	d*	2	0	2	4			D		None (combustion by-product)	F
14900	2.45	6.00E-03	d*	207-08-9	T1	G6	Benzo(k)fluoranthene	621	282	6.00E-03	d*	2	0	2	4			B2	0.07	None (combustion by-product)	F
1460	2.59	5.00E-03	e!	98-07-7	T1	G5	Benzotrichloride [trichloromethylbenzene]	61	389	5.00E-03	e!	1	0	2	3			B2	13.00	Chemical intermediate	
46800	2.29	0.000357	c	82657-04-3	T1	G1	Bifenthrin	1950	195	3.57E-04	c	2	0	2	4					Pyrethroid pesticide	L
---	---	---	---	7440-43-9	T1	G7	Cadmium Compounds [dissolved]	---	---	2.50E-03	f	---	---	---	---		0.0005	B1	0.0018	Metal finishing	
10200	3.26	3.80E-02	e	2921-88-2	T1	G1	Chlorpyrifos (Lorsban, Dursban)	425	1,820	3.80E-02	g	2	1	1	4					Insecticide	F
7790	2.59	5.70E-05	e	57-88-5	T1	G2	Cholesterol	325	389	5.70E-05	e	2	0	2	4					None (biogenic sterol)	D
11900	3.13	1.90E-02	d*	218-01-9	T1	G6	Chrysene [benzo(a)phenanthrene]	496	1,349	1.90E-02	d*	2	1	1	4			B2	0.01	None (combustion by-product)	F
7410	2.53	4.80E-05	d	360-68-9	T1	G2	Coprostanol	309	339	4.80E-05	d	2	0	2	4					None (fecal indicator)	F
2380	4.01	0.021	d*	541-02-6	T1	G2	Cyclopentasiloxane, decamethyl- [D5]	99	10,233	2.10E-02	d*	1	2	1	4					Cosmetic ingredient	M
877	3.85	0.056	d*	556-67-2	T1	G2	Cyclotetrasiloxane, octamethyl- [D4]	37	7,079	5.60E-02	d*	0	2	1	3					Cosmetic ingredient	M
28500	3.92	1.70E-02	d	434-90-2	T1	G9	Decafluorobiphenyl	1188	8,318	1.70E-02	d	2	2	1	5					Analytical internal standard	F
8820	2.99	0.009	c*	52918-63-5	T1	G1	Deltamethrin [decamethrin]	368	977	9.00E-03	c*	2	0	2	4					Pyrethroid pesticide	L
1520	2.45	1.32E-01	e	333-41-5	T1	G1	Diazinon	63	282	1.32E-01	g	1	0	1	2		0.0009			Pesticide	F
16100	2.94	2.00E-03	d*	53-70-3	T1	G6	Dibenz(a,h)anthracene	671	871	2.00E-03	d*	2	0	2	4			B2		None (combustion by-product)	
15700	3.83	9.00E-03	e!	115-32-2	T1	G1	Dicofof	654	6,761	9.00E-03	e!	2	2	2	6					Non-systemic acaricide	F
7570	2.79	3.10E-02	d	56-53-1	T1	G2	Diethylstilbestrol (ED)	315	617	3.10E-02	d	2	0	1	3					Synthetic nonsteroidal estrogen	
13600	2.58	4.04E-01	c	1031-07-8	T1	G1	Endosulfan sulfate	567	380	4.04E-01	c	2	0	1	3					None (endosulfan degradate)	F
13700	3.15	0.003	c*	66230-04-4	T1	G1	Esfenvalerate	571	1,413	3.00E-03	c*	2	1	2	5					Pyrethroid pesticide	L
6720	-0.05	1.47E-09	d	13356-08-6	T1	G1	Fenbutatin-oxide	280	1	1.47E-09	d	2	0	2	4					Acaricide	
10700	2.31	9.10E-05	e	120068-37-3	T1	G1	Fipronil	446	204	9.10E-05	e	2	0	2	4					Insecticide	F

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7360	2.58	5.20E-02	d	206-44-0	T1	G6	Fluoranthene [Benzo(j,k)fluorene]	307	380	5.20E-02	d	2	0	1	3		0.04	D		None (combustion by-product)	F
4810	3.09	5.00E-03	d	1222-05-5	T1	G2	Galaxolide [HHCB]	200	1,230	5.00E-03	d	2	1	2	5					Fragrance	F
5550	3.35	6.71E-04	d *	25637-99-4	T1	G4	Hexabromocyclodecane [HBCD]	231	2,239	6.71E-04	d *	2	1	2	5					Flame retardant (thermal insulation foams)	
46000	2.27	7.00E-03	d	70-30-4	T1	G2	Hexachlorophene	1917	186	7.00E-03	d	2	0	2	4		0.0003			Disinfectant	
16100	2.37	2.00E-03	d *	193-39-5	T1	G6	Indeno(1,2,3-cd)pyrene	671	234	2.00E-03	d *	2	0	2	4			B2	0.73	None (combustion by-product)	
45100	2.69	0.003	c	91465-08-6	T1	G1	Lambda-cyhalothrin	1879	490	3.00E-03	c	2	0	2	4					Pyrethroid pesticide	L
---	---	---	---	7439-92-1	T1	G7	Lead Compounds [dissolved]	---	---	6.50E-02	f	---	---	---	---			B2		Pesticide (legacy agriculture); Plumbing	
2120	1.54	3.60E-02	e	330-55-2	T1	G1	Linuron	88	35	3.60E-02	g	1	0	1	2	D	0.002			Urea herbicide	F
---	---	---	---	22967-92-6	T1	G7	Methylmercury [1+ ion]	---	---	---	---	2	2	0	4		0.0001	C		None	B
2140	3.17	5.30E-02	d	832-69-9	T1	G6	Methylphenanthrene, 1-	89	1,479	5.30E-02	d	1	1	1	3					None (combustion by-product)	F
9530	2.70	1.90E-02	d	2381-21-7	T1	G6	Methylpyrene, 1-	397	501	1.90E-02	d	2	0	1	3					None (combustion by-product)	F
2480	3.12	1.00E-02	d	15323-35-0	T1	G2	Musk indane	103	1,318	1.00E-02	d	1	1	1	3					Fragrance	
2450	1.95	7.00E-03	e	81-14-1	T1	G2	Musk ketone	102	89	7.00E-03	e	1	0	2	3					Fragrance	
3790	2.22	3.00E-03	e	145-39-1	T1	G2	Musk tibetene	158	166	3.00E-03	e	1	0	2	3					Fragrance	
26100	1.81	6.00E-03	e	81-15-2	T1	G2	Musk xylene	1088	65	6.00E-03	e	2	0	2	4					Fragrance	
1750	1.95	4.00E-02	e	88671-89-0	T1	G1	Myclobutanil	73	89	4.00E-02	e	1	0	1	2	D	0.025			Fungicide	F
8430	3.52	6.30E-05	b	29082-74-4	T1	G5	Octachlorostyrene	351	3,311	6.30E-05	b	2	1	2	5					Chemical process by-product	B
27500	3.27	5.40E-02	d	42874-03-3	T1	G1	Oxyfluorfen	1146	1,862	5.40E-02	g	2	1	1	4		0.003			Herbicide	F
12800	3.69	3.00E-03	d *	5436-43-1	T1	G4	PBDE-047 [2,2',4,4'-Tetrabromodiphenyl ether]	533	4,898	3.00E-03	d *	2	1	2	5		0.0001			Flame retardant (banned in EU 2003)	H
17100	3.86	6.94E-04	d *	60348-60-9	T1	G4	PBDE-099 [2,2',4,4',5-Pentabromodiphenyl ether]	713	7,244	6.94E-04	d *	2	2	2	6		0.0001			Flame retardant (banned in EU 2003)	H
---	---	---	---	189084-64-8	T1	G4	PBDE-100 [2,2',4,4',6-Pentabromodiphenyl ether]	---	---	---	---	---	---	---	---		0.0001			Flame retardant (banned in EU 2003)	H
---	---	---	---	68631-49-2	T1	G4	PBDE-153 [2,2',4,4',5,5'-hexabromodiphenyl ether]	---	---	---	---	---	---	---	---		0.0002			Flame retardant (banned in EU 2003)	
6240	-0.03	1.90E-07	d	1163-19-5	T1	G4	PBDE-209 [decabromodiphenyl ether]	260	1	1.90E-07	d	2	0	2	4		0.007	C	0.0007	Flame retardant (most common congener)	
2920	1.98	4.00E-03	e	40487-42-1	T1	G1	Pendimethalin	122	95	4.00E-03	g	1	0	2	3		0.04			Herbicide	F
928	4.13	3.50E-02	d	1825-21-4	T1	G5	Pentachloroanisole [2,3,4,5,6-Pentachloroanisole]	39	13,490	3.50E-02	d	0	2	1	3					Wood preservative; PCP degradate	
1410	3.78	0.427	d *	375-85-9	T1	G9	Perfluoroheptanoic acid [PFHpA]	59	6,026	4.27E-01	d *	0	2	1	3					Anti-stain coatings	J
8280	3.76	0.012	d *	375-95-1	T1	G9	Perfluorononanoic acid [PFNA]	345	5,754	1.20E-02	d *	2	2	1	5					Anti-stain coatings	J

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86800	3.36	1.40E-05	e	754-91-6	T1	G9	Perfluorooctane sulfonamide [PFOSA]	3617	2,291	1.40E-05	e	2	1	2	5					Anti-stain coatings (banned 2000)	J
7890	3.83	0.092	e *	1763-23-1	T1	G9	Perfluorooctane sulfonic acid [PFOS]	329	6,761	9.20E-02	e *	2	2	1	5					Anti-stain coatings	J
2820	4.03	0.073	d *	335-67-1	T1	G9	Perfluorooctanoic acid [PFOA]	118	10,715	7.30E-02	d *	1	2	1	4					Anti-stain coating	J
2840	3.08	0.145	d	85-01-8	T1	G6	Phenanthrene	118	1,202	1.45E-01	d	1	1	1	3					Dyes; Combustion by-product	
52000	2.78	6.00E-03	e	2062-78-4	T1	G2	Pimozide	2167	603	6.00E-03	e	2	0	2	4	D				Antipsychotic	
7780	3.09	4.15E-01	e	67747-09-5	T1	G1	Prochloraz (ED)	324	1,230	4.15E-01	e	2	1	1	4					Cereal fungicide	
7080	2.88	5.20E-02	d	129-00-0	T1	G6	Pyrene	295	759	5.20E-02	d	2	0	1	3		0.03	D		None (combustion by-product)	F
13600	1.02	0.954	e *	80214-83-1	T1	G2	Roxithromycin	567	10	9.54E-01	e *	2	0	1	3					Antibiotic	
---	---	---	---	7782-49-2	T1	G7	Selenium Compounds [total]	---	---	5.00E-03	f	---	---	---	---		0.005	D		Industrial processes; Naturally occurring	
4810	1.82	1.00E-03	p	83-45-4	T1	G2	Sitostanol, beta- [Stigmastanol] (ED)	200	66	1.00E-03	p	2	0	2	4					Food additive (as phytosteroid)	K
5220	1.89	1.00E-03	p	83-46-5	T1	G2	Sitosterol, beta- (ED)	218	78	1.00E-03	p	2	0	2	4					Food additive (as phytosteroid)	K
5550	3.44	1.90E-02	d *	92-94-4	T1	G2	Terphenyl, p-	231	2,754	1.90E-02	d *	2	1	1	4					Laser dye, Sunscreen component	F
42600	2.30	6.00E-03	d *	79-94-7	T1	G4	Tetrabromobisphenol A [TBBPA]	1775	200	6.00E-03	d *	2	0	2	4					Flame retardant (most used brominated)	
5380	3.03	8.00E-03	a	3380-34-5	T1	G2	Triclosan [2,4,4'-trichloro-2'-hydroxydiphenyl ether]	224	1,072	8.00E-03	a	2	1	2	5					Disinfectant	D
4160	3.17	3.00E-03	e	1582-09-8	T1	G1	Trifluralin	173	1,479	3.00E-03	g	1	1	2	4		0.0075	C	0.0077	Herbicide	F
7820	4.03	7.00E-03	e	732-26-3	T1	G5	Tris-(1,1-dimethylethyl)phenol, 2,4,6- [Alkofen B]	326	10,715	7.00E-03	e	2	2	2	6					Stabilizer for polymers	
TIER II - LEGACY PERSISTENT POLLUTANTS																					
36000	3.79	1.69E-03	d *	1746-01-6	T2	G11	2,3,7,8-TCDD (as TEQ)	1500	6,166	1.69E-03	d *	2	2	2	6			B2		None (contaminant & by-product)	B
17300	4.26	1.17E-03	b	5103-71-9	T2	G1	Chlordane, cis-	721	18,197	1.17E-03	b	2	2	2	6					Pesticide	B
10800	4.26	1.17E-03	b	5103-74-2	T2	G1	Chlordane, trans-	450	18,197	1.17E-03	b	2	2	2	6					Pesticide	B
18700	3.58	1.33E-01	d	143-50-0	T2	G1	Chlordecone [Kepone]	779	3,802	1.33E-01	d	2	1	1	4	D				Insecticide, Fungicide (banned 1975)	
36200	4.23	1.30E-02	d	72-54-8	T2	G1	DDD, 4,4'-	1508	16,982	1.30E-02	d	2	2	1	5			B2	0.24	Pesticide (DDT degradate)	B
24700	3.88	1.69E-03	b	72-55-9	T2	G1	DDE, 4,4'-	1029	7,586	1.69E-03	b	2	2	2	6					Pesticide (DDT degradate)	F, B
37300	3.81	2.00E-03	d	50-29-3	T2	G1	DDT, 4,4'-	1554	6,457	2.00E-03	d	2	2	2	6		0.0005	B2	0.34	Pesticide	B
14400	3.80	1.66E-03	e	60-57-1	T2	G1	Dieldrin	600	6,310	1.66E-03	e	2	2	2	6					Pesticide (banned 1987)	B
1610	1.36	7.00E-03	a	88-85-7	T2	G1	Dinoseb	67	23	7.00E-03	a	1	0	2	3	D	0.001			Herbicide	F
14400	3.80	1.66E-03	e	72-20-8	T2	G1	Endrin	600	6,310	1.66E-03	e	2	2	2	6	D	0.0003			Insecticide	I

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5300	3.81	3.00E-03	b	76-44-8	T2	G1	Heptachlor	221	6,457	3.00E-03	b	2	2	2	6	D	0.0005	B2	4.50	Pesticide	I	
7210	3.83	6.10E-02	b	1024-57-3	T2	G1	Heptachlor epoxide	300	6,761	6.10E-02	b	2	2	1	5		0.00001	B2	9.10	Pesticide	B	
15200	4.12	4.36E-04	d *	32241-08-0	T2	G10	Heptachloronaphthalene	633	13,183	4.36E-04	d *	2	2	2	6					Insulation, Preservatives, Dyes		
8690	4.20	1.20E-02	d *	118-74-1	T2	G1	Hexachlorobenzene [HCB]	362	15,849	1.20E-02	d *	2	2	1	5	D	0.0008	B2	1.60	Pesticide	B	
8110	3.12	2.80E-01	d	319-84-6	T2	G1	Hexachlorocyclohexane, alpha-	338	1,318	2.80E-01	d	2	1	1	4			B2	6.30	Pesticide	F	
8110	3.12	2.80E-01	d	319-85-7	T2	G1	Hexachlorocyclohexane, beta- (ED)	338	1,318	2.80E-01	d	2	1	1	4			C	1.80	Pesticide	D	
8110	3.12	2.80E-01	d	58-89-9	T2	G1	Hexachlorocyclohexane, gamma- [Lindane]	338	1,318	2.80E-01	g	2	1	1	4		0.0003			Pesticide	B	
16200	3.70	1.40E-03	d	1335-87-1	T2	G10	Hexachloronaphthalene	675	5,012	1.40E-03	d	2	2	2	6					Insulation, Preservatives, Dyes		
19700	3.65	3.26E-04	b	465-73-6	T2	G1	Isodrin	821	4,467	3.26E-04	b	2	1	2	5					Insecticide	F	
30900	3.76	2.00E-03	d	2385-85-5	T2	G1	Mirex	1288	5,754	2.00E-03	d	2	2	2	6		0.0002			Pesticide	B	
28600	4.18	8.24E-04	b	5103-73-1	T2	G1	Nonachlor, cis-	1192	15,136	8.24E-04	b	2	2	2	6					Pesticide (chlordane-related)	B	
28600	4.18	8.24E-04	b	39765-80-5	T2	G1	Nonachlor, trans-	1192	15,136	8.24E-04	b	2	2	2	6					Pesticide (chlordane-related)	B	
17500	3.91	8.00E-03	b	27304-13-8	T2	G1	Oxychlordane, single isomer	729	8,128	8.00E-03	b	2	2	2	6					Pesticide (chlordane-related)	B	
3540	4.04	1.50E-02	d	7012-37-5	T2	G3	PCB-028 [2,4,4'-trichlorobiphenyl]	148	10,965	1.50E-02	d	1	2	1	4					Enclosed electrical systems		
12800	4.16	5.00E-03	d *	35693-99-3	T2	G3	PCB-052 [2,2',5,5'-tetrachlorobiphenyl]	533	14,454	5.00E-03	d *	2	2	2	6					Enclosed electrical systems		
29800	3.59	5.00E-03	d *	32598-13-3	T2	G3	PCB-077 [3,3',4,4'-tetrachlorobiphenyl]	1242	3,890	5.00E-03	d *	2	1	2	5			B2	2.00	Enclosed electrical systems	B, C	
12200	3.92	5.00E-03	d	70362-50-4	T2	G3	PCB-081 [3,4,4',5-tetrachlorobiphenyl]	508	8,318	5.00E-03	d	2	2	2	6					Enclosed electrical systems	B	
24600	4.06	1.52E-03	d	37680-73-2	T2	G3	PCB-101 [2,2',4,5,5'-pentachlorobiphenyl]	1025	11,482	1.52E-03	d	2	2	2	6					Enclosed electrical systems	B	
18900	3.94	1.52E-03	d	32598-14-4	T2	G3	PCB-105 [2,3,3',4,4'-pentachlorobiphenyl]	788	8,710	1.52E-03	d	2	2	2	6			B2	2.00	Enclosed electrical systems	B	
19000	3.94	1.52E-03	d	74472-37-0	T2	G3	PCB-114 [2,3,4,4',5-pentachlorobiphenyl]	792	8,710	1.52E-03	d	2	2	2	6			B2	2.00	Enclosed electrical systems		
18300	3.81	1.52E-03	d	31508-00-6	T2	G3	PCB-118 [2,3',4,4',5-pentachlorobiphenyl]	763	6,457	1.52E-03	d	2	2	2	6			B2	2.00	Enclosed electrical systems	B, C	
19000	3.94	1.52E-03	d	65510-44-3	T2	G3	PCB-123 [2',3,4,4',5-pentachlorobiphenyl]	792	8,710	1.52E-03	d	2	2	2	6					Enclosed electrical systems		
19400	3.95	1.52E-03	d	57465-28-8	T2	G3	PCB-126 [3,3',4,4',5-pentachlorobiphenyl]	808	8,913	1.52E-03	d	2	2	2	6			B2	2.00	Enclosed electrical systems	B, C	
34600	3.73	4.76E-04	d	35065-28-2	T2	G3	PCB-138 [2,2',3,4,4',5'-hexachlorobiphenyl]	1442	5,370	4.76E-04	d	2	2	2	6					Enclosed electrical systems	B	
30000	3.52	4.76E-04	d	35065-27-1	T2	G3	PCB-153 [2,2',4,4',5,5'-hexachlorobiphenyl]	1250	3,311	4.76E-04	d	2	1	2	5					Enclosed electrical systems	B, C	
26000	3.66	4.76E-04	d	38380-08-4	T2	G3	PCB-156 [2,3,3',4,4',5-hexachlorobiphenyl]	1083	4,571	4.76E-04	d	2	1	2	5			B2	2.00	Enclosed electrical systems	C	
25200	3.63	4.76E-04	d	69782-90-7	T2	G3	PCB-157 [2,3,3',4,4',5'-hexachlorobiphenyl]	1050	4,266	4.76E-04	d	2	1	2	5			B2	2.00	Enclosed electrical systems	C	

Technical Details for Priority Persistent Pollutant List

Raw EPISuite (v4.00) RESULTS							Converted EPISuite (v4.00) RESULTS										HUMAN HEALTH CRITERIA					
POV (hr)	log(BCF)	Tox	Tbx basis	CASRN	Tier	Group	Chemical Name	Pov (d)	BCF (L/kg)	Fish Toxicity (mg/L)	Basis	"P" Score	"B" Score	"T" Score	Total Score	Non-Cancer	RfD (mg/kg/d)	EPA WOE Cancer	Oral Cancer Slope Factor	Principal Use(s)	Present In Oregon?	
25800	3.65	4.76E-04	d	52663-72-6	T2	G3	PCB-167 [2,3',4,4',5,5'-hexachlorobiphenyl]	1075	4,467	4.76E-04	d	2	1	2	5			B2	2.00	Enclosed electrical systems	C	
25900	3.75	4.76E-04	d	32774-16-6	T2	G3	PCB-169 [3,3',4,4',5,5'-hexachlorobiphenyl]	1079	5,623	4.76E-04	d	2	2	2	6			B2	2.00	Enclosed electrical systems	B, C	
26500	3.27	1.47E-04	d	35065-29-3	T2	G3	PCB-180 [2,2',3,4,4',5,5'-heptachlorobiphenyl]	1104	1,862	1.47E-04	d	2	1	2	5			B2	2.00	Enclosed electrical systems	B	
23700	3.06	1.47E-04	d	39635-31-9	T2	G3	PCB-189 [2,3,3',4,4',5,5'-heptachlorobiphenyl]	988	1,148	1.47E-04	d	2	1	2	5					Enclosed electrical systems	B	
7300	3.88	3.70E-02	d	608-93-5	T2	G1	Pentachlorobenzene	304	7,586	3.70E-02	d	2	2	1	5		0.0008			Fungicide precursor	B	
9590	3.86	4.00E-03	d	1321-64-8	T2	G10	Pentachloronaphthalene	400	7,244	4.00E-03	d	2	2	2	6					Insulation, Preservatives, Dyes		
13000	2.43	6.20E-02	d	82-68-8	T2	G1	Pentachloronitrobenzene	542	269	6.20E-02	d	2	0	1	3		0.003			Fungicide		
2480	3.80	1.40E-02	d	1335-88-2	T2	G10	Tetrachloronaphthalene	103	6,310	1.40E-02	d	1	2	1	4					Insulation, Preservatives, Dyes		
---	2.55	---	---	56-35-9	T2	G7	Bis (tributyltin) oxide [TBTO, hexabutylstannoxane]	---	---	9.37E-01	b	---	---	---	---		0.0003	D		Biocide in anti-fouling paints		
1570	3.57	4.30E-02	d	1321-65-9	T2	G10	Trichloronaphthalene	65	3,715	4.30E-02	d	1	1	1	3					Insulation, Preservatives, Dyes		
2290	2.29	6.00E-03	a	95-95-4	T2	G1	Trichlorophenol, 2,4,5-	95	195	6.00E-03	a	1	0	2	3		0.1			Pesticide		
2310	1.97	6.00E-03	a	88-06-2	T2	G1	Trichlorophenol, 2,4,6-	96	93	6.00E-03	a	1	0	2	3		0.001	B2	0.01	Pesticide		
* BASIS FOR PRESENCE IN OREGON							ACCOUNTING FOR CHEMICALS							TIERS			* BASIS FOR FISH TOXICITY VALUES					
				A			Nilsen et al. (2007); detected in sediment													(a)	ECOSAR (v1.00), 60-day chronic value for fish	
				B			Fish tissue (Henny et al., 2009)													(b)	ECOSAR (v1.00), 30/60-day chronic value for fish	
				C			USEPA pilot survey of rural soils, Willamette River Basin, 2007	Pesticides & herbicides			G1	16	24	40						(c)	ECOSAR (v1.00), 32/33-day chronic value for fish	
				D			Barnes et al (2002), USGS Open File Report 02-94	Pharmaceuticals and personal care products			G2	17	0	17						(d)	ECOSAR (v1.00), 30-day chronic value for fish	
				E			Oregon TRI, June 2008	Polychlorinated biphenyls (PCBs)			G3	0	18	18						(e)	ECOSAR (v1.00), chronic value for fish	
				F			USGS NWIS, Oregon, 2000-2007	Halogenated flame retardants			G4	7	0	7						(f)	U.S. EPA, Current National Recommended Water Quality Criteria (2006)	
				G			USGS SIR 2008-5027, 2008	Industrial chemicals			G5	4	0	4						(g)	U.S. EPA, Office of Pesticide Programs, Aquatic Life Benchmark table, chronic value	
				H			Osprey eggs (C. Henny, pers. comm.)	Polycyclic aromatic hydrocarbons (PAHs)			G6	14	0	14						(p)	U.S. EPA permit value	
				I			Pesticides in Oregon Surface Water, 1968-2004	Inorganic and organic metals			G7	5	1	6					*		Chemical may not be soluble enough to measure this predicted effect.	
				J			Suspected per Lau et al. (2007).	Phthalate esters			G8	0	0	0					!		Estimated with acute-to-chronic ratio	
				K			Billig and Gould, 2007 (SWCA memorandum)	Perfluorinated surfactants			G9	6	0	6								
				L			Suspected per Weston et al (2009), Hintzen et al (2009)	Polychlorinated naphthalenes (PCNs)			G10	0	5	5								
				M			U.S. EPA Columbia "Nose" Survey (2008)	Dioxins & Furans			G11	0	1	1								
				N			Eugene Water & Electric Board data, 2008				Total	69	49	118								