Tab	Description
Common Values	This tab includes numerical values associated with all risk calculations, including body weight, drinking water intake, trophic-level specific fish consumption rates, and excess lifetime cancer risk.
BAF-specific results w BCF	Criteria computation tab

Description	Variable	Value	Units	Values to be used
Body Weight	BW	80	kg	80
Drinking Water Intake	DI	2.4	L/d	2.4
Fish Consumption Rate for Aquatic Trophic Level 2	FCR_2	0.0076	kg/d	0.0076
Fish Consumption Rate for Aquatic Trophic Level 3	FCR_3	0.0086	kg/d	0.0086
Fish Consumption Rate for Aquatic Trophic Level 4	FCR_4	0.0051	kg/d	0.0051
Fish Consumption Rate (Total)	FCR_T	0.022	kg/d	0.022
Target excess lifetime cancer risk	ELCR	0.000001	unitless	0.000001

List of assumptions for table results

Assumptions: 1) Body Weight: 80 kg; Drinking Water Intake: 2.4 L/d; Fish Consumption Rate for Aquatic Trophic Level 2: 0.0076 kg/d; Fish Consumption Rate for Aquatic Trophic Level 3: 0.0086 kg/d; Fis

2) April 23-24, 2015 CSFs, RfDs, and RSCs used for all calculations.

3) BAF-based AWQC calculations: The trophic-specific BAFs are a derivative of the 50th percentile BAF method, 50th percentile BCF, and Log Kow method.

4) BCF-based AWQC: BCFs are from 2002 HHAWQC or updated values.

5) CAS# for Benzo (b) Fluoranthene might also be reported as 205-08-9 in literature.

Body Weight: 80 kg;
Drinking Water Intake: 2.4 L/d;
Fish Consumption Rate for Aquatic Trophic Level 2: 0.0076 kg/d;
Fish Consumption Rate for Aquatic Trophic Level 3: 0.0086 kg/d;
Fish Consumption Rate for Aquatic Trophic Level 4: 0.0051 kg/d; and
Fish Consumption Rate (Total): 0.022 kg/d.

sh Consumption Rate for Aquatic Trophic Level 4: 0.0051 kg/d; and Fish Consumption Rate (Total): 0.022 kg/d.

				INPUT DATA							
Chemical Group	Formula Type	Chemical Name	CAS	Cancer Slope Factor, CSF (per mg/kg·d)	C Sig. Fig.	Relative Source Contribution, RSC (-)	Reference Dose, RfD (mg/kg·d)	NC Sig. Fig.	Bioaccumulation Factor for Trophic Level 2 (L/kg tissue)	Bioaccumulation Factor for Trophic Level 3 (L/kg tissue)	Bioaccumulation Factor for Trophic Level 4 (L/kg tissue)
VOC	RfD/RSC	1,1,1-Trichloroethane	71-55-6	ND	ND	0.20	2	1	6.9	9.0	10
VOC	CSF	1,1,2,2-Tetrachloroethane	79-34-5	0.2	1	0.20	0.02	1	5.7	7.4	8.4
VOC	CSF	1,1,2-Trichloroethane	79-00-5	0.057	2	0.20	0.004	1	6.0	7.8	8.9
VOC	RfD/RSC	1,1-Dichloroethylene	75-35-4	ND	ND	0.20	0.05	1	2.0	2.4	2.6
SVOC	RfD/RSC	1,2,4,5-Tetrachlorobenzene	95-94-3	ND	ND	0.20	0.0003	1	17,000	2,900	1,500
VOC	CSF	1,2,4-Trichlorobenzene	120-82-1	0.029	2	0.20	0.01	1	2,800	1,500	430
VOC	RfD/RSC	1,2-Dichlorobenzene	95-50-1	ND	ND	0.20	0.3	1	52	71	82
VOC	CSF	1,2-Dichloroethane	107-06-2	0.0033	2	0.20	0.078	2	1.6	1.8	1.9
VOC	CSF	1,2-Dichloropropane	78-87-5	0.036	2	0.20	0.0893	2	2.9	3.5	3.9
SVOC	CSF	1,2-Diphenylhydrazine	122-66-7	0.8	1	ND	ND	ND	18	24	27
VOC	RfD/RSC	1,2-Trans-Dichloroethylene	156-60-5	ND	ND	0.20	0.02	1	3.3	4.2	4.7
VOC	RfD/RSC	1,3-Dichlorobenzene	541-73-1	ND	ND	0.20	0.002	1	31	120	190
Organochlo	CSF	1,3-Dichloropropene	542-75-6	0.122	2	0.20	0.025	2	2.3	2.7	3.0
VOC	RfD/RSC	1,4-Dichlorobenzene	106-46-7	ND	ND	0.20	0.07	1	28	66	84
SVOC - phe	RfD/RSC	2,4,5-Trichlorophenol	95-95-4	ND	ND	0.20	0.1	1	100	140	160
SVOC - phe	CSF	2,4,6-Trichlorophenol	88-06-2	0.011	2	0.20	0.001	1	94	130	150
SVOC - phe	RfD/RSC	2,4-Dichlorophenol	120-83-2	ND	ND	0.20	0.003	1	31	42	48
SVOC - phe	RfD/RSC	2,4-Dimethylphenol	105-67-9	ND	ND	0.20	0.02	1	4.8	6.2	7.0
SVOC - phe	RfD/RSC	2,4-Dinitrophenol	51-28-5	ND	ND	0.20	0.002	1	ND	ND	ND
SVOC	CSF	2,4-Dinitrotoluene	121-14-2	0.667	2	0.20	0.002	1	2.8	3.5	3.9
SVOC	RfD/RSC	2-Chloronaphthalene	91-58-7	ND	ND	0.80	0.08	1	150	210	240
SVOC	RfD/RSC	2-Chlorophenol	95-57-8	ND	ND	0.20	0.005	1	3.8	4.8	5.4
SVOC - phe	RfD/RSC	2-Methyl-4,6-Dinitrophenol	534-52-1	ND	ND	0.20	0.0003	1	6.8	8.9	10
SVOC	CSF	3,3'-Dichlorobenzidine	91-94-1	0.45	2	ND	ND	ND	44	60	69
SVOC - phe	RfD/RSC	3-Methyl-4-Chlorophenol	59-50-7	ND	ND	0.20	0.1	1	25	34	39
Organochlo	CSF	4,4'-DDD	72-54-8	0.24	2	0.20	0.0005	1	33,000	140,000	240,000
Organochlo	CSF	4,4'-DDE	72-55-9	0.167	2	0.20	0.0005	1	270,000	1,100,000	3,100,000
Organochlo	CSF	4,4'-DDT	50-29-3	0.34	2	0.20	0.0005	1	35,000	240,000	1,100,000
PAHs	RfD/RSC	Acenaphthene	83-32-9	ND	ND	0.20	0.06	1	ND	ND	ND
VOC	RfD/RSC	Acrolein	107-02-8	ND	ND	0.20	0.0005	1	1.0	1.0	1.0
VOC	CSF	Acrylonitrile	107-13-1	0.54	2	ND	ND	ND	1.0	1.0	1.0
Organochlo	CSF	Aldrin	309-00-2	17	2	0.20	0.00003	1	18,000	310,000	650,000
Organochlo	CSF	alpha-BHC	319-84-6	6.3	2	0.20	0.008	1	1,700	1,400	1,500
Organochlo	RfD/RSC	alpha-Endosulfan	959-98-8	ND	ND	0.20	0.006	1	130	180	200
PAHs	RfD/RSC	Anthracene	120-12-7	ND	ND	0.20	0.3	1	ND	ND	ND
VOC	CSF	Benzene-Lower CSF	71-43-2	0.015	2	0.20	0.0005	1	3.6	4.5	5.0
VOC	CSF	Benzene-Upper CSF	71-43-2	0.055	2	0.20	0.0005	1	3.6	4.5	5.0

				INPUT DATA							
Chemical Group	Formula Type	Chemical Name	CAS	Cancer Slope Factor, CSF (per mg/kg·d)	C Sig. Fig.	Relative Source Contribution, RSC (-)	Reference Dose, RfD (mg/kg·d)	NC Sig. Fig.	Bioaccumula-tion Factor for Trophic Level 2 (L/kg tissue)	Bioaccumula-tion Factor for Trophic Level 3 (L/kg tissue)	Bioaccumula-tion Factor for Trophic Level 4 (L/kg tissue)
SVOC - dye?	CSF	Benzidine	92-87-5	230	2	0.20	0.003	1	1.4	1.6	1.7
PAHs	CSF	Benzo (a) Anthracene	56-55-3	0.73	2	ND	ND	ND	ND	ND	ND
PAHs	CSF	Benzo (a) Pyrene	50-32-8	7.3	2	ND	ND	ND	ND	ND	ND
PAHs	CSF	Benzo (b) Fluoranthene	205-99-2	0.73	2	ND	ND	ND	ND	ND	ND
PAHs	CSF	Benzo (k) Fluoranthene	207-08-9	0.073	2	ND	ND	ND	ND	ND	ND
Organochlo	CSF	beta-BHC	319-85-7	1.8	2	ND	ND	ND	110	160	180
Organochlo	RfD/RSC	beta-Endosulfan	33213-65-9	ND	ND	0.20	0.006	1	80	110	130
SVOC	RfD/RSC	*Bis(2-Chloro-1-Methylethyl) Ether	108-60-1	ND	ND	0.20	0.04	1	6.7	8.8	10
SVOC	CSF	Bis(2-Chloroethyl) Ether	111-44-4	1.1	2	ND	ND	ND	1.4	1.6	1.7
Phthalate	CSF	Bis(2-Ethylhexyl) Phthalate	117-81-7	0.014	2	0.20	0.06	1	ND	ND	ND
VOC	CSF	Bis(Chloromethyl) Ether	542-88-1	220	2	ND	ND	ND	1.0	1.0	1.0
VOC - THM	CSF	Bromoform	75-25-2	0.0045	2	0.20	0.03	1	5.8	7.5	8.5
Phthalate	CSF	Butylbenzyl Phthalate	85-68-7	0.0019	2	0.20	1.3	2	ND	ND	ND
VOC	CSF	Carbon Tetrachloride	56-23-5	0.07	1	0.20	0.004	1	9.3	12	14
Organochlo	CSF	Chlordane	57-74-9	0.35	2	0.20	0.0005	1	5,300	44,000	60,000
VOC	RfD/RSC	Chlorobenzene	108-90-7	ND	ND	0.20	0.02	1	14	19	22
VOC - THM	CSF	Chlorodibromomethane	124-48-1	0.040	2	0.20	0.02	1	3.7	4.8	5.3
VOC - THM	POD/UF	Chloroform	67-66-3	ND	ND	0.20	0.01	1	2.8	3.4	3.8
Chlorophen	RfD/RSC	Chlorophenoxy Herbicide (2, 4, 5-TP)	93-72-1	ND	ND	0.80	0.008	1	ND	ND	ND
Chlorophen	RfD/RSC	Chlorophenoxy Herbicide (2,4-D)	94-75-7	ND	ND	0.20	0.21	2	ND	ND	ND
PAHs	CSF	Chrysene	218-01-9	0.0073	2	ND	ND	ND	ND	ND	ND
Inorganic	RfD/RSC	Cyanide	57-12-5	ND	ND	0.20	0.0006	1	ND	ND	ND
PAHs	CSF	Dibenzo (a,h) Anthracene	53-70-3	7.3	2	ND	ND	ND	ND	ND	ND
VOC - THM	CSF	Dichlorobromomethane	75-27-4	0.034	2	0.20	0.003	1	3.4	4.3	4.8
Organochlo	CSF	Dieldrin	60-57-1	16	2	0.20	0.00005	1	14,000	210,000	410,000
Phthalate	RfD/RSC	Diethyl Phthalate	84-66-2	ND	ND	0.20	0.8	1	ND	ND	ND
Phthalate	RfD/RSC	Dimethyl Phthalate	131-11-3	ND	ND	0.20	10	1	ND	ND	ND
Phthalate	RfD/RSC	Di-n-Butyl Phthalate	84-74-2	ND	ND	0.20	0.1	1	ND	ND	ND
SVOC - phe	RfD/RSC	Dinitrophenols	25550-58-7	ND	ND	0.20	0.002	1	ND	ND	ND
Organochlo	RfD/RSC	Endosulfan Sulfate	1031-07-8	ND	ND	0.20	0.006	1	88	120	140
Organochlo	RfD/RSC	Endrin	72-20-8	ND	ND	0.80	0.0003	1	4,600	36,000	46,000
Organochlo	RfD/RSC	Endrin Aldehyde	7421-93-4	ND	ND	0.80	0.0003	1	440	920	850
VOC	RfD/RSC	Ethylbenzene	100-41-4	ND	ND	0.20	0.022	2	100	140	160
PAHs	RfD/RSC	Fluoranthene	206-44-0	ND	ND	0.20	0.04	1	ND	ND	ND
PAHs	RfD/RSC	Fluorene	86-73-7	ND	ND	0.20	0.04	1	230	450	710
Organochlo	RfD/RSC	gamma-BHC (Lindane)	58-89-9	ND	ND	0.50	0.0047	2	1,200	2,400	2,500
Organochlo	CSF	Heptachlor	76-44-8	4.1	2	0.20	0.0001	1	12,000	180,000	330,000

				INPUT DATA							
Chemical Group	**Formula Type**	**Chemical Name**	**CAS**	**Cancer Slope Factor, CSF (per mg/kg·d)**	**C Sig. Fig.**	**Relative Source Contribution, RSC (-)**	**Reference Dose, RfD (mg/kg·d)**	**NC Sig. Fig.**	**Bioaccumula-tion Factor for Trophic Level 2 (L/kg tissue)**	**Bioaccumula-tion Factor for Trophic Level 3 (L/kg tissue)**	**Bioaccumula-tion Factor for Trophic Level 4 (L/kg tissue)**
Organochlo	CSF	Heptachlor Epoxide	1024-57-3	5.5	2	0.20	0.000013	2	4,000	28,000	35,000
SVOC	CSF	Hexachlorobenzene	118-74-1	1.02	2	0.20	0.0008	1	18,000	46,000	90,000
VOC	CSF	Hexachlorobutadiene	87-68-3	0.04	1	0.20	0.0003	1	23,000	2,800	1,100
Organochlo	CSF	Hexachlorocyclohexane-Technical	608-73-1	1.8	2	ND	ND	ND	160	220	250
Organochlo	RfD/RSC	Hexachlorocyclopentadiene	77-47-4	ND	ND	0.20	0.006	1	620	1,500	1,300
VOC	CSF	Hexachloroethane	67-72-1	0.04	1	0.20	0.0007	1	1,200	280	600
PAHs	CSF	Indeno (1,2,3-cd) Pyrene	193-39-5	0.73	2	ND	ND	ND	ND	ND	ND
SVOC	CSF	Isophorone	78-59-1	0.00095	2	0.20	0.2	1	1.9	2.2	2.4
Organochlo	RfD/RSC	Methoxychlor	72-43-5	ND	ND	0.80	0.00002	1	1,400	4,800	4,400
VOC	RfD/RSC	Methyl Bromide	74-83-9	ND	ND	0.20	0.02	1	1.2	1.3	1.4
VOC	CSF	Methylene Chloride	75-09-2	0.002	1	0.20	0.006	1	1.4	1.5	1.6
VOC	RfD/RSC	Nitrobenzene	98-95-3	ND	ND	0.20	0.002	1	2.3	2.8	3.1
SVOC	RfD/RSC	Pentachlorobenzene	608-93-5	ND	ND	0.20	0.0008	1	3,500	4,500	10,000
SVOC - phe	CSF	Pentachlorophenol	87-86-5	0.4	1	0.20	0.005	1	44	290	520
SVOC - phe	RfD/RSC	Phenol	108-95-2	ND	ND	0.20	0.6	1	1.5	1.7	1.9
PAHs	RfD/RSC	Pyrene	129-00-0	ND	ND	0.20	0.03	1	ND	ND	ND
VOC	CSF	Tetrachloroethylene	127-18-4	0.0021	2	0.20	0.006	1	49	66	76
VOC	RfD/RSC	Toluene	108-88-3	ND	ND	0.20	0.0097	2	11	15	17
Organochlo	CSF	Toxaphene	8001-35-2	1.1	2	0.20	0.00035	2	1,700	6,600	6,300
VOC	CSF	Trichloroethylene	79-01-6	0.05	1	0.20	0.0005	1	8.7	12	13
VOC	CSF	Vinyl Chloride	75-01-4	1.5	2	0.20	0.003	1	1.4	1.6	1.7

*Per request, these calculations are for preliminary purposes and additional changes might still be made.

Assumptions: 1) Body Weight: 80 kg; Drinking Water Intake: 2.4 L/d; Fish Consumption Rate for Aquatic Trophic Level 2: 0.0076 kg/d; Fish Consumption Rate for Aquatic Trophic Level 3: 0.0086 kg/d; Fis

2) April 23-24, 2015 CSFs, RfDs, and RSCs used for all calculations.

3) BAF-based AWQC calculations: The trophic-specific BAFs are a derivative of the 50th percentile BAF method, 50th percentile BCF, and Log Kow method.

4) BCF-based AWQC: BCFs are from 2002 HHAWQC or updated values.

5) CAS# for Benzo (b) Fluoranthene might also be reported as 205-08-9 in literature.

							BAF Methodology			
Chemical Group	Formula Type	Chemical Name	BAF Not Available	Bioconcen-tration Factor (L/kg tissue)	BCF Not Available		Cancer-based AWQC water and organism (µg/L) *raw value*	Cancer-based AWQC organism only (µg/L) *raw value*	Noncancer-based AWQC water and organism (µg/L) *raw value*	Noncancer-based AWQC organism only (µg/L) *raw value*
VOC	RfD/RSC	1,1,1-Trichloroethane		ND	X		NA	NA	12399.06387	176952.0018
VOC	CSF	1,1,2,2-Tetrachloroethane		ND	X		0.156875049	2.670226969	125.5000392	2136.181575
VOC	CSF	1,1,2-Trichloroethane		ND	X		0.548659252	8.879033162	25.01886188	404.8839122
VOC	RfD/RSC	1,1-Dichloroethylene		ND	X		NA	NA	326.6506063	16293.27902
SVOC	RfD/RSC	1,2,4,5-Tetrachlorobenzene		ND	X		NA	NA	0.029234424	0.029668088
VOC	CSF	1,2,4-Trichlorobenzene		ND	X		0.071147982	0.07584254	4.126582931	4.398867292
VOC	RfD/RSC	1,2-Dichlorobenzene		ND	X		NA	NA	1255.230126	3370.786517
VOC	CSF	1,2-Dichloroethane		ND	X		9.946303637	649.4086323	512.0357112	33431.55639
VOC	CSF	1,2-Dichloropropane		ND	X		0.8989463	30.8513428	577.9865131	19836.17937
SVOC	CSF	1,2-Diphenylhydrazine		ND	X		0.034711375	0.207943439	NA	NA
VOC	RfD/RSC	1,2-Trans-Dichloroethylene		ND	X		NA	NA	128.763827	3757.191499
VOC	RfD/RSC	1,3-Dichlorobenzene		ND	X		NA	NA	6.901608938	14.30743092
Organochlo	CSF	1,3-Dichloropropene		ND	X		0.26699418	11.70960187	162.8664495	7142.857143
VOC	RfD/RSC	1,4-Dichlorobenzene		ND	X		NA	NA	310.3524717	926.5387161
SVOC - phe	RfD/RSC	2,4,5-Trichlorophenol		ND	X		NA	NA	308.8803089	575.5395683
SVOC - phe	CSF	2,4,6-Trichlorophenol		ND	X		1.455302212	2.8000028	3.201664866	6.16000616
SVOC - phe	RfD/RSC	2,4-Dichlorophenol		ND	X		NA	NA	14.80750247	57.03422053
SVOC - phe	RfD/RSC	2,4-Dimethylphenol		ND	X		NA	NA	126.7075827	2549.800797
SVOC - phe	RfD/RSC	2,4-Dinitrophenol	X	4.4			NA	NA	NA	NA
SVOC	CSF	2,4-Dinitrotoluene		ND	X		0.048533762	1.68289645	12.9488077	448.9967728
SVOC	RfD/RSC	2-Chloronaphthalene		ND	X		NA	NA	779.2998478	1227.817746
SVOC	RfD/RSC	2-Chlorophenol		ND	X		NA	NA	32.02946711	818.8331627
SVOC - phe	RfD/RSC	2-Methyl-4,6-Dinitrophenol		ND	X		NA	NA	1.861027753	26.78272514
SVOC	CSF	3,3'-Dichlorobenzidine		ND	X		0.049351186	0.147864741	NA	NA
SVOC - phe	RfD/RSC	3-Methyl-4-Chlorophenol		ND	X		NA	NA	519.2613507	2348.45149
Organochlo	CSF	4,4'-DDD		ND	X		0.000124322	0.000124434	0.002983739	0.002986412
Organochlo	CSF	4,4'-DDE		ND	X		1.75317E-05	1.75332E-05	0.000292779	0.000292804
Organochlo	CSF	4,4'-DDT		ND	X		2.96251E-05	2.9634E-05	0.001007252	0.001007557
PAHs	RfD/RSC	Acenaphthene	X	510			NA	NA	NA	NA
VOC	RfD/RSC	Acrolein		ND	X		NA	NA	3.304010242	375.5868545
VOC	CSF	Acrylonitrile		ND	X		0.061185375	6.95531212	NA	NA
Organochlo	CSF	Aldrin		ND	X		7.6891E-07	7.69212E-07	7.84288E-05	7.84596E-05
Organochlo	CSF	alpha-BHC		ND	X		0.000362708	0.000389402	3.656098258	3.925176326
Organochlo	RfD/RSC	alpha-Endosulfan		ND	X		NA	NA	16.11820013	26.99662542
PAHs	RfD/RSC	Anthracene	X	610			NA	NA	NA	NA
VOC	CSF	Benzene-Lower CSF		ND	X		2.140559863	58.24959953	3.210839795	87.3743993
VOC	CSF	Benzene-Upper CSF		ND	X		0.583789054	15.88625442	3.210839795	87.3743993

							BAF Methodology			
Chemical Group	Formula Type	Chemical Name	BAF Not Available	Bioconcen-tration Factor (L/kg tissue)	BCF Not Available		Cancer-based AWQC water and organism (µg/L) *raw value*	Cancer-based AWQC organism only (µg/L) *raw value*	Noncancer-based AWQC water and organism (µg/L) *raw value*	Noncancer-based AWQC organism only (µg/L) *raw value*
SVOC - dye?	CSF	Benzidine		ND	X		0.000142958	0.010517874	19.72816236	1451.466586
PAHs	CSF	Benzo (a) Anthracene	X	3,900			NA	NA	NA	NA
PAHs	CSF	Benzo (a) Pyrene	X	3,900			NA	NA	NA	NA
PAHs	CSF	Benzo (b) Fluoranthene	X	3,900			NA	NA	NA	NA
PAHs	CSF	Benzo (k) Fluoranthene	X	3,900			NA	NA	NA	NA
Organochlo	CSF	beta-BHC		ND	X		0.00803697	0.014199503	NA	NA
Organochlo	RfD/RSC	beta-Endosulfan		ND	X		NA	NA	20.79272255	43.30175913
SVOC	RfD/RSC	*Bis(2-Chloro-1-Methylethyl) Ether		ND	X		NA	NA	248.2929857	3603.603604
SVOC	CSF	Bis(2-Chloroethyl) Ether		ND	X		0.029891155	2.199191797	NA	NA
Phthalate	CSF	Bis(2-Ethylhexyl) Phthalate	X	710			NA	NA	NA	NA
VOC	CSF	Bis(Chloromethyl) Ether		ND	X		0.000150182	0.01707213	NA	NA
VOC - THM	CSF	Bromoform		ND	X		6.966404948	117.0129519	188.0929336	3159.349701
Phthalate	CSF	Butylbenzyl Phthalate	X	19,000			NA	NA	NA	NA
VOC	CSF	Carbon Tetrachloride		ND	X		0.43203636	4.659398006	24.19403617	260.9262883
Organochlo	CSF	Chlordane		ND	X		0.000314369	0.00031541	0.011002916	0.011039355
VOC	RfD/RSC	Chlorobenzene		ND	X		NA	NA	115.0251618	837.6963351
VOC - THM	CSF	Chlorodibromomethane		ND	X		0.801144034	20.74043348	128.1830454	3318.469356
VOC - THM	POD/UF	Chloroform		ND	X		64.77995061	2288.984263	NA	NA
Chlorophen	RfD/RSC	Chlorophenoxy Herbicide (2, 4, 5-TP)	X	58			NA	NA	NA	NA
Chlorophen	RfD/RSC	Chlorophenoxy Herbicide (2,4-D)	X	13			NA	NA	NA	NA
PAHs	CSF	Chrysene	X	3,900			NA	NA	NA	NA
Inorganic	RfD/RSC	Cyanide	X	1			NA	NA	NA	NA
PAHs	CSF	Dibenzo (a,h) Anthracene	X	3,900			NA	NA	NA	NA
VOC - THM	CSF	Dichlorobromomethane		ND	X		0.945982059	26.9523617	19.29803401	549.8281787
Organochlo	CSF	Dieldrin		ND	X		1.24819E-06	1.24894E-06	0.00019971	0.00019983
Phthalate	RfD/RSC	Diethyl Phthalate	X	920			NA	NA	NA	NA
Phthalate	RfD/RSC	Dimethyl Phthalate	X	4,000			NA	NA	NA	NA
Phthalate	RfD/RSC	Di-n-Butyl Phthalate	X	2,900			NA	NA	NA	NA
SVOC - phe	RfD/RSC	Dinitrophenols	X	1.51			NA	NA	NA	NA
Organochlo	RfD/RSC	Endosulfan Sulfate		ND	X		NA	NA	19.93852289	39.75484512
Organochlo	RfD/RSC	Endrin		ND	X		NA	NA	0.03301465	0.033151461
Organochlo	RfD/RSC	Endrin Aldehyde		ND	X		NA	NA	1.067200267	1.2314797
VOC	RfD/RSC	Ethylbenzene		ND	X		NA	NA	67.95366795	126.618705
PAHs	RfD/RSC	Fluoranthene	X	1,500			NA	NA	NA	NA
PAHs	RfD/RSC	Fluorene		ND	X		NA	NA	54.98754189	69.27156619
Organochlo	RfD/RSC	gamma-BHC (Lindane)		ND	X		NA	NA	4.186150078	4.422488826
Organochlo	CSF	Heptachlor		ND	X		5.86904E-06	5.87328E-06	0.000481261	0.000481609

							BAF Methodology			
Chemical Group	**Formula Type**	**Chemical Name**	**BAF Not Available**	**Bioconcen-tration Factor (L/kg tissue)**	**BCF Not Available**		**Cancer-based AWQC water and organism (µg/L)** *raw value*	**Cancer-based AWQC organism only (µg/L)** *raw value*	**Noncancer-based AWQC water and organism (µg/L)** *raw value*	**Noncancer-based AWQC organism only (µg/L)** *raw value*
Organochlo	CSF	Heptachlor Epoxide		ND	X		3.21731E-05	3.23448E-05	0.000460075	0.000462531
SVOC	CSF	Hexachlorobenzene		ND	X		7.89207E-05	7.91117E-05	0.012879855	0.012911035
VOC	CSF	Hexachlorobutadiene		ND	X		0.009666973	0.009780429	0.023200735	0.02347303
Organochlo	CSF	Hexachlorocyclohexane-Technical		ND	X		0.006552329	0.010140188	NA	NA
Organochlo	RfD/RSC	Hexachlorocyclopentadiene		ND	X		NA	NA	3.603333083	3.960069301
VOC	CSF	Hexachloroethane		ND	X		0.117730162	0.137098985	0.65928891	0.767754319
PAHs	CSF	Indeno (1,2,3-cd) Pyrene	X	3,900			NA	NA	NA	NA
SVOC	CSF	Isophorone		ND	X		34.43348312	1846.722068	1308.472359	70175.4386
Organochlo	RfD/RSC	Methoxychlor		ND	X		NA	NA	0.016675352	0.017213556
VOC	RfD/RSC	Methyl Bromide		ND	X		NA	NA	131.8261213	11661.80758
VOC	CSF	Methylene Chloride		ND	X		16.44939754	1261.829653	39.4785541	3028.391167
VOC	RfD/RSC	Nitrobenzene		ND	X		NA	NA	13.02205203	557.7828133
SVOC	RfD/RSC	Pentachlorobenzene		ND	X		NA	NA	0.107834878	0.110060189
SVOC - phe	CSF	Pentachlorophenol		ND	X		0.025379422	0.036493687	10.15176895	14.59747464
SVOC - phe	RfD/RSC	Phenol		ND	X		NA	NA	3941.355909	268832.2599
PAHs	RfD/RSC	Pyrene	X	860			NA	NA	NA	NA
VOC	CSF	Tetrachloroethylene		ND	X		10.21977629	28.69481628	25.75383625	72.31093703
VOC	RfD/RSC	Toluene		ND	X		NA	NA	57.49638795	518.5432676
Organochlo	CSF	Toxaphene		ND	X		0.000697891	0.000714343	0.053737645	0.05500442
VOC	CSF	Trichloroethylene		ND	X		0.607067787	6.790595026	3.035338934	33.95297513
VOC	CSF	Vinyl Chloride		ND	X		0.02192018	1.612740651	19.72816236	1451.466586

*Per request, these calculations are for preliminary purposes and a

Assumptions: 1) Body Weight: 80 kg; Drinking Water Intake: 2.4 L/ch Consumption Rate for Aquatic Trophic Level 4: 0.0051 kg/d; and Fish Consumption Rate (Total): 0.022 kg/d.

2) April 23-24, 2015 CSFs, RfDs, and RSCs used for all

3) BAF-based AWQC calculations: The trophic-specifi

4) BCF-based AWQC: BCFs are from 2002 HHAWQC c

5) CAS# for Benzo (b) Fluoranthene might also be rep

			BAF Methodology				2002 BCF M	
Chemical Group	Formula Type	Chemical Name	Cancer-based AWQC water and organism (µg/L) *rounded value*	Cancer-based AWQC organism only (µg/L) *rounded value*	Noncancer-based AWQC water and organism (µg/L) *rounded value*	Noncancer-based AWQC organism only (µg/L) *rounded value*	Cancer-based AWQC water and organism (µg/L) *raw value*	Cancer-based AWQC organism only (µg/L) *raw value*
VOC	RfD/RSC	1,1,1-Trichloroethane	--	--	10000	200000	NA	NA
VOC	CSF	1,1,2,2-Tetrachloroethane	0.2	3	100	2000	NA	NA
VOC	CSF	1,1,2-Trichloroethane	0.55	8.9	30	400	NA	NA
VOC	RfD/RSC	1,1-Dichloroethylene	--	--	300	20000	NA	NA
SVOC	RfD/RSC	1,2,4,5-Tetrachlorobenzene	--	--	0.03	0.03	NA	NA
VOC	CSF	1,2,4-Trichlorobenzene	0.071	0.076	4	4	NA	NA
VOC	RfD/RSC	1,2-Dichlorobenzene	--	--	1000	3000	NA	NA
VOC	CSF	1,2-Dichloroethane	9.9	650	510	33000	NA	NA
VOC	CSF	1,2-Dichloropropane	0.9	31	580	20000	NA	NA
SVOC	CSF	1,2-Diphenylhydrazine	0.03	0.2	--	--	NA	NA
VOC	RfD/RSC	1,2-Trans-Dichloroethylene	--	--	100	4000	NA	NA
VOC	RfD/RSC	1,3-Dichlorobenzene	--	--	7	10	NA	NA
Organochlo	CSF	1,3-Dichloropropene	0.27	12	160	7100	NA	NA
VOC	RfD/RSC	1,4-Dichlorobenzene	--	--	300	900	NA	NA
SVOC - phe	RfD/RSC	2,4,5-Trichlorophenol	--	--	300	600	NA	NA
SVOC - phe	CSF	2,4,6-Trichlorophenol	1.5	2.8	3	6	NA	NA
SVOC - phe	RfD/RSC	2,4-Dichlorophenol	--	--	10	60	NA	NA
SVOC - phe	RfD/RSC	2,4-Dimethylphenol	--	--	100	3000	NA	NA
SVOC - phe	RfD/RSC	2,4-Dinitrophenol	--	--	--	--	NA	NA
SVOC	CSF	2,4-Dinitrotoluene	0.049	1.7	10	400	NA	NA
SVOC	RfD/RSC	2-Chloronaphthalene	--	--	800	1000	NA	NA
SVOC	RfD/RSC	2-Chlorophenol	--	--	30	800	NA	NA
SVOC - phe	RfD/RSC	2-Methyl-4,6-Dinitrophenol	--	--	2	30	NA	NA
SVOC	CSF	3,3'-Dichlorobenzidine	0.049	0.15	--	--	NA	NA
SVOC - phe	RfD/RSC	3-Methyl-4-Chlorophenol	--	--	500	2000	NA	NA
Organochlo	CSF	4,4'-DDD	0.00012	0.00012	0.003	0.003	NA	NA
Organochlo	CSF	4,4'-DDE	0.000018	0.000018	0.0003	0.0003	NA	NA
Organochlo	CSF	4,4'-DDT	0.00003	0.00003	0.001	0.001	NA	NA
PAHs	RfD/RSC	Acenaphthene	--	--	--	--	NA	NA
VOC	RfD/RSC	Acrolein	--	--	3	400	NA	NA
VOC	CSF	Acrylonitrile	0.061	7	--	--	NA	NA
Organochlo	CSF	Aldrin	0.00000077	0.00000077	0.00008	0.00008	NA	NA
Organochlo	CSF	alpha-BHC	0.00036	0.00039	4	4	NA	NA
Organochlo	RfD/RSC	alpha-Endosulfan	--	--	20	30	NA	NA
PAHs	RfD/RSC	Anthracene	--	--	--	--	NA	NA
VOC	CSF	Benzene-Lower CSF	2.1	58	3	90	NA	NA
VOC	CSF	Benzene-Upper CSF	0.58	16	3	90	NA	NA

			BAF Methodology				2002 BCF M	
Chemical Group	Formula Type	Chemical Name	Cancer-based AWQC water and organism (µg/L) *rounded value*	Cancer-based AWQC organism only (µg/L) *rounded value*	Noncancer-based AWQC water and organism (µg/L) *rounded value*	Noncancer-based AWQC organism only (µg/L) *rounded value*	Cancer-based AWQC water and organism (µg/L) *raw value*	Cancer-based AWQC organism only (µg/L) *raw value*
SVOC - dye?	CSF	Benzidine	0.00014	0.011	20	1000	NA	NA
PAHs	CSF	Benzo (a) Anthracene	--	--	--	--	0.001242506	0.001277262
PAHs	CSF	Benzo (a) Pyrene	--	--	--	--	0.000124251	0.000127726
PAHs	CSF	Benzo (b) Fluoranthene	--	--	--	--	0.001242506	0.001277262
PAHs	CSF	Benzo (k) Fluoranthene	--	--	--	--	0.012425061	0.012772616
Organochlo	CSF	beta-BHC	0.008	0.014	--	--	NA	NA
Organochlo	RfD/RSC	beta-Endosulfan	--	--	20	40	NA	NA
SVOC	RfD/RSC	*Bis(2-Chloro-1-Methylethyl) Ether	--	--	200	4000	NA	NA
SVOC	CSF	Bis(2-Chloroethyl) Ether	0.03	2.2	--	--	NA	NA
Phthalate	CSF	Bis(2-Ethylhexyl) Phthalate	--	--	--	--	0.317107975	0.365831352
VOC	CSF	Bis(Chloromethyl) Ether	0.00015	0.017	--	--	NA	NA
VOC - THM	CSF	Bromoform	7	120	200	3000	NA	NA
Phthalate	CSF	Butylbenzyl Phthalate	--	--	--	--	0.100155241	0.100730295
VOC	CSF	Carbon Tetrachloride	0.4	5	20	300	NA	NA
Organochlo	CSF	Chlordane	0.00031	0.00032	0.01	0.01	NA	NA
VOC	RfD/RSC	Chlorobenzene	--	--	100	800	NA	NA
VOC - THM	CSF	Chlorodibromomethane	0.8	21	100	3000	NA	NA
VOC - THM	POD/UF	Chloroform	60	2000	--	--	NA	NA
Chlorophen	RfD/RSC	Chlorophenoxy Herbicide (2, 4, 5-TP)	--	--	--	--	NA	NA
Chlorophen	RfD/RSC	Chlorophenoxy Herbicide (2,4-D)	--	--	--	--	NA	NA
PAHs	CSF	Chrysene	--	--	--	--	0.124250613	0.127726155
Inorganic	RfD/RSC	Cyanide	--	--	--	--	NA	NA
PAHs	CSF	Dibenzo (a,h) Anthracene	--	--	--	--	0.000124251	0.000127726
VOC - THM	CSF	Dichlorobromomethane	0.95	27	20	500	NA	NA
Organochlo	CSF	Dieldrin	0.0000012	0.0000012	0.0002	0.0002	NA	NA
Phthalate	RfD/RSC	Diethyl Phthalate	--	--	--	--	NA	NA
Phthalate	RfD/RSC	Dimethyl Phthalate	--	--	--	--	NA	NA
Phthalate	RfD/RSC	Di-n-Butyl Phthalate	--	--	--	--	NA	NA
SVOC - phe	RfD/RSC	Dinitrophenols	--	--	--	--	NA	NA
Organochlo	RfD/RSC	Endosulfan Sulfate	--	--	20	40	NA	NA
Organochlo	RfD/RSC	Endrin	--	--	0.03	0.03	NA	NA
Organochlo	RfD/RSC	Endrin Aldehyde	--	--	1	1	NA	NA
VOC	RfD/RSC	Ethylbenzene	--	--	68	130	NA	NA
PAHs	RfD/RSC	Fluoranthene	--	--	--	--	NA	NA
PAHs	RfD/RSC	Fluorene	--	--	50	70	NA	NA
Organochlo	RfD/RSC	gamma-BHC (Lindane)	--	--	4.2	4.4	NA	NA
Organochlo	CSF	Heptachlor	0.0000059	0.0000059	0.0005	0.0005	NA	NA

			BAF Methodology				2002 BCF M	
Chemical Group	Formula Type	Chemical Name	Cancer-based AWQC water and organism (µg/L) *rounded value*	Cancer-based AWQC organism only (µg/L) *rounded value*	Noncancer-based AWQC water and organism (µg/L) *rounded value*	Noncancer-based AWQC organism only (µg/L) *rounded value*	Cancer-based AWQC water and organism (µg/L) *raw value*	Cancer-based AWQC organism only (µg/L) *raw value*
Organochlo	CSF	Heptachlor Epoxide	0.000032	0.000032	0.00046	0.00046	NA	NA
SVOC	CSF	Hexachlorobenzene	0.000079	0.000079	0.01	0.01	NA	NA
VOC	CSF	Hexachlorobutadiene	0.01	0.01	0.02	0.02	NA	NA
Organochlo	CSF	Hexachlorocyclohexane-Technical	0.0066	0.01	--	--	NA	NA
Organochlo	RfD/RSC	Hexachlorocyclopentadiene	--	--	4	4	NA	NA
VOC	CSF	Hexachloroethane	0.1	0.1	0.7	0.8	NA	NA
PAHs	CSF	Indeno (1,2,3-cd) Pyrene	--	--	--	--	0.001242506	0.001277262
SVOC	CSF	Isophorone	34	1800	1000	70000	NA	NA
Organochlo	RfD/RSC	Methoxychlor	--	--	0.02	0.02	NA	NA
VOC	RfD/RSC	Methyl Bromide	--	--	100	10000	NA	NA
VOC	CSF	Methylene Chloride	20	1000	40	3000	NA	NA
VOC	RfD/RSC	Nitrobenzene	--	--	10	600	NA	NA
SVOC	RfD/RSC	Pentachlorobenzene	--	--	0.1	0.1	NA	NA
SVOC - phe	CSF	Pentachlorophenol	0.03	0.04	10	10	NA	NA
SVOC - phe	RfD/RSC	Phenol	--	--	4000	300000	NA	NA
PAHs	RfD/RSC	Pyrene	--	--	--	--	NA	NA
VOC	CSF	Tetrachloroethylene	10	29	30	70	NA	NA
VOC	RfD/RSC	Toluene	--	--	57	520	NA	NA
Organochlo	CSF	Toxaphene	0.0007	0.00071	0.054	0.055	NA	NA
VOC	CSF	Trichloroethylene	0.6	7	3	30	NA	NA
VOC	CSF	Vinyl Chloride	0.022	1.6	20	1000	NA	NA

*Per request, these calculations are for preliminary purposes and a

Assumptions: 1) Body Weight: 80 kg; Drinking Water Intake: 2.4 L/c

2) April 23-24, 2015 CSFs, RfDs, and RSCs used for all

3) BAF-based AWQC calculations: The trophic-specifi

4) BCF-based AWQC: BCFs are from 2002 HHAWQC c

5) CAS# for Benzo (b) Fluoranthene might also be rep

			ethodology			2002 BCF Methodology		
Chemical Group	Formula Type	Chemical Name	Noncancer-based AWQC water and organism (µg/L) *raw value*	Noncancer-based AWQC organism only (µg/L) *raw value*	Cancer-based AWQC water and organism (µg/L) *rounded value*	Cancer-based AWQC organism only (µg/L) *rounded value*	Noncancer-based AWQC water and organism (µg/L) *rounded value*	Noncancer-based AWQC organism only (µg/L) *rounded value*
VOC	RfD/RSC	1,1,1-Trichloroethane	NA	NA	--	--	--	--
VOC	CSF	1,1,2,2-Tetrachloroethane	NA	NA	--	--	--	--
VOC	CSF	1,1,2-Trichloroethane	NA	NA	--	--	--	--
VOC	RfD/RSC	1,1-Dichloroethylene	NA	NA	--	--	--	--
SVOC	RfD/RSC	1,2,4,5-Tetrachlorobenzene	NA	NA	--	--	--	--
VOC	CSF	1,2,4-Trichlorobenzene	NA	NA	--	--	--	--
VOC	RfD/RSC	1,2-Dichlorobenzene	NA	NA	--	--	--	--
VOC	CSF	1,2-Dichloroethane	NA	NA	--	--	--	--
VOC	CSF	1,2-Dichloropropane	NA	NA	--	--	--	--
SVOC	CSF	1,2-Diphenylhydrazine	NA	NA	--	--	--	--
VOC	RfD/RSC	1,2-Trans-Dichloroethylene	NA	NA	--	--	--	--
VOC	RfD/RSC	1,3-Dichlorobenzene	NA	NA	--	--	--	--
Organochlo	CSF	1,3-Dichloropropene	NA	NA	--	--	--	--
VOC	RfD/RSC	1,4-Dichlorobenzene	NA	NA	--	--	--	--
SVOC - phe	RfD/RSC	2,4,5-Trichlorophenol	NA	NA	--	--	--	--
SVOC - phe	CSF	2,4,6-Trichlorophenol	NA	NA	--	--	--	--
SVOC - phe	RfD/RSC	2,4-Dichlorophenol	NA	NA	--	--	--	--
SVOC - phe	RfD/RSC	2,4-Dimethylphenol	NA	NA	--	--	--	--
SVOC - phe	RfD/RSC	2,4-Dinitrophenol	12.816405	330.5785124	--	--	10	300
SVOC	CSF	2,4-Dinitrotoluene	NA	NA	--	--	--	--
SVOC	RfD/RSC	2-Chloronaphthalene	NA	NA	--	--	--	--
SVOC	RfD/RSC	2-Chlorophenol	NA	NA	--	--	--	--
SVOC - phe	RfD/RSC	2-Methyl-4,6-Dinitrophenol	NA	NA	--	--	--	--
SVOC	CSF	3,3'-Dichlorobenzidine	NA	NA	--	--	--	--
SVOC - phe	RfD/RSC	3-Methyl-4-Chlorophenol	NA	NA	--	--	--	--
Organochlo	CSF	4,4'-DDD	NA	NA	--	--	--	--
Organochlo	CSF	4,4'-DDE	NA	NA	--	--	--	--
Organochlo	CSF	4,4'-DDT	NA	NA	--	--	--	--
PAHs	RfD/RSC	Acenaphthene	70.4845815	85.56149733	--	--	70	90
VOC	RfD/RSC	Acrolein	NA	NA	--	--	--	--
VOC	CSF	Acrylonitrile	NA	NA	--	--	--	--
Organochlo	CSF	Aldrin	NA	NA	--	--	--	--
Organochlo	CSF	alpha-BHC	NA	NA	--	--	--	--
Organochlo	RfD/RSC	alpha-Endosulfan	NA	NA	--	--	--	--
PAHs	RfD/RSC	Anthracene	303.4134008	357.6751118	--	--	300	400
VOC	CSF	Benzene-Lower CSF	NA	NA	--	--	--	--
VOC	CSF	Benzene-Upper CSF	NA	NA	--	--	--	--

			ethodology			2002 BCF Methodology		
Chemical Group	Formula Type	Chemical Name	Noncancer-based AWQC water and organism (µg/L) *raw value*	Noncancer-based AWQC organism only (µg/L) *raw value*	Cancer-based AWQC water and organism (µg/L) *rounded value*	Cancer-based AWQC organism only (µg/L) *rounded value*	Noncancer-based AWQC water and organism (µg/L) *rounded value*	Noncancer-based AWQC organism only (µg/L) *rounded value*
SVOC - dye?	CSF	Benzidine	NA	NA	--	--	--	--
PAHs	CSF	Benzo (a) Anthracene	NA	NA	0.0012	0.0013	--	--
PAHs	CSF	Benzo (a) Pyrene	NA	NA	0.00012	0.00013	--	--
PAHs	CSF	Benzo (b) Fluoranthene	NA	NA	0.0012	0.0013	--	--
PAHs	CSF	Benzo (k) Fluoranthene	NA	NA	0.012	0.013	--	--
Organochlo	CSF	beta-BHC	NA	NA	--	--	--	--
Organochlo	RfD/RSC	beta-Endosulfan	NA	NA	--	--	--	--
SVOC	RfD/RSC	*Bis(2-Chloro-1-Methylethyl) Ether	NA	NA	--	--	--	--
SVOC	CSF	Bis(2-Chloroethyl) Ether	NA	NA	--	--	--	--
Phthalate	CSF	Bis(2-Ethylhexyl) Phthalate	53.27413984	61.45966709	0.32	0.37	50	60
VOC	CSF	Bis(Chloromethyl) Ether	NA	NA	--	--	--	--
VOC - THM	CSF	Bromoform	NA	NA	--	--	--	--
Phthalate	CSF	Butylbenzyl Phthalate	49.47668887	49.76076555	0.1	0.1	49	50
VOC	CSF	Carbon Tetrachloride	NA	NA	--	--	--	--
Organochlo	CSF	Chlordane	NA	NA	--	--	--	--
VOC	RfD/RSC	Chlorobenzene	NA	NA	--	--	--	--
VOC - THM	CSF	Chlorodibromomethane	NA	NA	--	--	--	--
VOC - THM	POD/UF	Chloroform	NA	NA	--	--	--	--
Chlorophen	RfD/RSC	Chlorophenoxy Herbicide (2, 4, 5-TP)	139.2818281	401.2539185	--	--	100	400
Chlorophen	RfD/RSC	Chlorophenoxy Herbicide (2,4-D)	1250.930752	11748.25175	--	--	1300	12000
PAHs	CSF	Chrysene	NA	NA	0.12	0.13	--	--
Inorganic	RfD/RSC	Cyanide	3.963666391	436.3636364	--	--	4	400
PAHs	CSF	Dibenzo (a,h) Anthracene	NA	NA	0.00012	0.00013	--	--
VOC - THM	CSF	Dichlorobromomethane	NA	NA	--	--	--	--
Organochlo	CSF	Dieldrin	NA	NA	--	--	--	--
Phthalate	RfD/RSC	Diethyl Phthalate	565.3710247	632.4110672	--	--	600	600
Phthalate	RfD/RSC	Dimethyl Phthalate	1769.911504	1818.181818	--	--	2000	2000
Phthalate	RfD/RSC	Di-n-Butyl Phthalate	24.16918429	25.07836991	--	--	20	30
SVOC - phe	RfD/RSC	Dinitrophenols	13.15129746	963.2751355	--	--	10	1000
Organochlo	RfD/RSC	Endosulfan Sulfate	NA	NA	--	--	--	--
Organochlo	RfD/RSC	Endrin	NA	NA	--	--	--	--
Organochlo	RfD/RSC	Endrin Aldehyde	NA	NA	--	--	--	--
VOC	RfD/RSC	Ethylbenzene	NA	NA	--	--	--	--
PAHs	RfD/RSC	Fluoranthene	18.07909605	19.39393939	--	--	20	20
PAHs	RfD/RSC	Fluorene	NA	NA	--	--	--	--
Organochlo	RfD/RSC	gamma-BHC (Lindane)	NA	NA	--	--	--	--
Organochlo	CSF	Heptachlor	NA	NA	--	--	--	--

			ethodology			2002 BCF Methodology		
Chemical Group	Formula Type	Chemical Name	Noncancer-based AWQC water and organism (µg/L) *raw value*	Noncancer-based AWQC organism only (µg/L) *raw value*	Cancer-based AWQC water and organism (µg/L) *rounded value*	Cancer-based AWQC organism only (µg/L) *rounded value*	Noncancer-based AWQC water and organism (µg/L) *rounded value*	Noncancer-based AWQC organism only (µg/L) *rounded value*
Organochlo	CSF	Heptachlor Epoxide	NA	NA	--	--	--	--
SVOC	CSF	Hexachlorobenzene	NA	NA	--	--	--	--
VOC	CSF	Hexachlorobutadiene	NA	NA	--	--	--	--
Organochlo	CSF	Hexachlorocyclohexane-Technical	NA	NA	--	--	--	--
Organochlo	RfD/RSC	Hexachlorocyclopentadiene	NA	NA	--	--	--	--
VOC	CSF	Hexachloroethane	NA	NA	--	--	--	--
PAHs	CSF	Indeno (1,2,3-cd) Pyrene	NA	NA	0.0012	0.0013	--	--
SVOC	CSF	Isophorone	NA	NA	--	--	--	--
Organochlo	RfD/RSC	Methoxychlor	NA	NA	--	--	--	--
VOC	RfD/RSC	Methyl Bromide	NA	NA	--	--	--	--
VOC	CSF	Methylene Chloride	NA	NA	--	--	--	--
VOC	RfD/RSC	Nitrobenzene	NA	NA	--	--	--	--
SVOC	RfD/RSC	Pentachlorobenzene	NA	NA	--	--	--	--
SVOC - phe	CSF	Pentachlorophenol	NA	NA	--	--	--	--
SVOC - phe	RfD/RSC	Phenol	NA	NA	--	--	--	--
PAHs	RfD/RSC	Pyrene	22.51407129	25.36997886	--	--	20	30
VOC	CSF	Tetrachloroethylene	NA	NA	--	--	--	--
VOC	RfD/RSC	Toluene	NA	NA	--	--	--	--
Organochlo	CSF	Toxaphene	NA	NA	--	--	--	--
VOC	CSF	Trichloroethylene	NA	NA	--	--	--	--
VOC	CSF	Vinyl Chloride	NA	NA	--	--	--	--

*Per request, these calculations are for preliminary purposes and a

Assumptions: 1) Body Weight: 80 kg; Drinking Water Intake: 2.4 L/c

2) April 23-24, 2015 CSFs, RfDs, and RSCs used for all

3) BAF-based AWQC calculations: The trophic-specifi

4) BCF-based AWQC: BCFs are from 2002 HHAWQC c

5) CAS# for Benzo (b) Fluoranthene might also be rep

			Consolidated Minimum	
Chemical Group	**Formula Type**	**Chemical Name**	**AWQC water and organism (µg/L) *comp. value***	**AWQC organism only (µg/L) *comp. value***
VOC	RfD/RSC	1,1,1-Trichloroethane	10000	200000
VOC	CSF	1,1,2,2-Tetrachloroethane	0.2	3
VOC	CSF	1,1,2-Trichloroethane	0.55	8.9
VOC	RfD/RSC	1,1-Dichloroethylene	300	20000
SVOC	RfD/RSC	1,2,4,5-Tetrachlorobenzene	0.03	0.03
VOC	CSF	1,2,4-Trichlorobenzene	0.071	0.076
VOC	RfD/RSC	1,2-Dichlorobenzene	1000	3000
VOC	CSF	1,2-Dichloroethane	9.9	650
VOC	CSF	1,2-Dichloropropane	0.9	31
SVOC	CSF	1,2-Diphenylhydrazine	0.03	0.2
VOC	RfD/RSC	1,2-Trans-Dichloroethylene	100	4000
VOC	RfD/RSC	1,3-Dichlorobenzene	7	10
Organochlo	CSF	1,3-Dichloropropene	0.27	12
VOC	RfD/RSC	1,4-Dichlorobenzene	300	900
SVOC - phe	RfD/RSC	2,4,5-Trichlorophenol	300	600
SVOC - phe	CSF	2,4,6-Trichlorophenol	1.5	2.8
SVOC - phe	RfD/RSC	2,4-Dichlorophenol	10	60
SVOC - phe	RfD/RSC	2,4-Dimethylphenol	100	3000
SVOC - phe	RfD/RSC	2,4-Dinitrophenol	10	300
SVOC	CSF	2,4-Dinitrotoluene	0.049	1.7
SVOC	RfD/RSC	2-Chloronaphthalene	800	1000
SVOC	RfD/RSC	2-Chlorophenol	30	800
SVOC - phe	RfD/RSC	2-Methyl-4,6-Dinitrophenol	2	30
SVOC	CSF	3,3'-Dichlorobenzidine	0.049	0.15
SVOC - phe	RfD/RSC	3-Methyl-4-Chlorophenol	500	2000
Organochlo	CSF	4,4'-DDD	0.00012	0.00012
Organochlo	CSF	4,4'-DDE	0.000018	0.000018
Organochlo	CSF	4,4'-DDT	0.00003	0.00003
PAHs	RfD/RSC	Acenaphthene	70	90
VOC	RfD/RSC	Acrolein	3	400
VOC	CSF	Acrylonitrile	0.061	7
Organochlo	CSF	Aldrin	0.00000077	0.00000077
Organochlo	CSF	alpha-BHC	0.00036	0.00039
Organochlo	RfD/RSC	alpha-Endosulfan	20	30
PAHs	RfD/RSC	Anthracene	300	400
VOC	CSF	Benzene-Lower CSF	2.1	58
VOC	CSF	Benzene-Upper CSF	0.58	16

			Consolidated Minimum	
Chemical Group	**Formula Type**	**Chemical Name**	**AWQC water and organism (µg/L) *comp. value***	**AWQC organism only (µg/L) *comp. value***
SVOC - dye?	CSF	Benzidine	0.00014	0.011
PAHs	CSF	Benzo (a) Anthracene	0.0012	0.0013
PAHs	CSF	Benzo (a) Pyrene	0.00012	0.00013
PAHs	CSF	Benzo (b) Fluoranthene	0.0012	0.0013
PAHs	CSF	Benzo (k) Fluoranthene	0.012	0.013
Organochlo	CSF	beta-BHC	0.008	0.014
Organochlo	RfD/RSC	beta-Endosulfan	20	40
SVOC	RfD/RSC	*Bis(2-Chloro-1-Methylethyl) Ether	200	4000
SVOC	CSF	Bis(2-Chloroethyl) Ether	0.03	2.2
Phthalate	CSF	Bis(2-Ethylhexyl) Phthalate	0.32	0.37
VOC	CSF	Bis(Chloromethyl) Ether	0.00015	0.017
VOC - THM	CSF	Bromoform	7	120
Phthalate	CSF	Butylbenzyl Phthalate	0.1	0.1
VOC	CSF	Carbon Tetrachloride	0.4	5
Organochlo	CSF	Chlordane	0.00031	0.00032
VOC	RfD/RSC	Chlorobenzene	100	800
VOC - THM	CSF	Chlorodibromomethane	0.8	21
VOC - THM	POD/UF	Chloroform	60	2000
Chlorophen	RfD/RSC	Chlorophenoxy Herbicide (2, 4, 5-TP)	100	400
Chlorophen	RfD/RSC	Chlorophenoxy Herbicide (2,4-D)	1300	12000
PAHs	CSF	Chrysene	0.12	0.13
Inorganic	RfD/RSC	Cyanide	4	400
PAHs	CSF	Dibenzo (a,h) Anthracene	0.00012	0.00013
VOC - THM	CSF	Dichlorobromomethane	0.95	27
Organochlo	CSF	Dieldrin	0.0000012	0.0000012
Phthalate	RfD/RSC	Diethyl Phthalate	600	600
Phthalate	RfD/RSC	Dimethyl Phthalate	2000	2000
Phthalate	RfD/RSC	Di-n-Butyl Phthalate	20	30
SVOC - phe	RfD/RSC	Dinitrophenols	10	1000
Organochlo	RfD/RSC	Endosulfan Sulfate	20	40
Organochlo	RfD/RSC	Endrin	0.03	0.03
Organochlo	RfD/RSC	Endrin Aldehyde	1	1
VOC	RfD/RSC	Ethylbenzene	68	130
PAHs	RfD/RSC	Fluoranthene	20	20
PAHs	RfD/RSC	Fluorene	50	70
Organochlo	RfD/RSC	gamma-BHC (Lindane)	4.2	4.4
Organochlo	CSF	Heptachlor	0.0000059	0.0000059

Chemical Group	Formula Type	Chemical Name	Consolidated Minimum AWQC water and organism (µg/L) *comp. value*	Consolidated Minimum AWQC organism only (µg/L) *comp. value*
Organochlo	CSF	Heptachlor Epoxide	0.000032	0.000032
SVOC	CSF	Hexachlorobenzene	0.000079	0.000079
VOC	CSF	Hexachlorobutadiene	0.01	0.01
Organochlo	CSF	Hexachlorocyclohexane-Technical	0.0066	0.01
Organochlo	RfD/RSC	Hexachlorocyclopentadiene	4	4
VOC	CSF	Hexachloroethane	0.1	0.1
PAHs	CSF	Indeno (1,2,3-cd) Pyrene	0.0012	0.0013
SVOC	CSF	Isophorone	34	1800
Organochlo	RfD/RSC	Methoxychlor	0.02	0.02
VOC	RfD/RSC	Methyl Bromide	100	10000
VOC	CSF	Methylene Chloride	20	1000
VOC	RfD/RSC	Nitrobenzene	10	600
SVOC	RfD/RSC	Pentachlorobenzene	0.1	0.1
SVOC - phe	CSF	Pentachlorophenol	0.03	0.04
SVOC - phe	RfD/RSC	Phenol	4000	300000
PAHs	RfD/RSC	Pyrene	20	30
VOC	CSF	Tetrachloroethylene	10	29
VOC	RfD/RSC	Toluene	57	520
Organochlo	CSF	Toxaphene	0.0007	0.00071
VOC	CSF	Trichloroethylene	0.6	7
VOC	CSF	Vinyl Chloride	0.022	1.6

*Per request, these calculations are for preliminary purposes and a

Assumptions: 1) Body Weight: 80 kg; Drinking Water Intake: 2.4 L/c

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