

## **APPENDIX B**

### **RISK-BASED CONCENTRATIONS— DEQ SPREADSHEET OUTPUT**

## RISK-BASED CONCENTRATIONS

Contaminated Medium		SOIL mg/Kg (ppm)										SOIL mg/Kg (ppm)					
Exposure Pathway		Soil Ingestion, Dermal Contact, and Inhalation RBC <sub>ss</sub>										Volatilization to Outdoor Air RBC <sub>so</sub>					
Receptor Scenario		Residential		Urban Residential		Occupational		Construction Worker		Excavation Worker		Residential		Urban Residential		Occupational	
Direct or Indirect Pathway (see notes)		DC		DC		DC		DC		DC		IVS		IVS		IVS	
Contaminant of Concern	Note		Note		Note		Note		Note		Note		Note		Note		Note
Acenaphthene	nc, v	2,900	>Csat	5,900	>Csat	41,000	>Csat	16,000	>Csat	-	>Max	-	>Max	-	>Max	-	>Max
Acrylonitrile	c, v	0.73		2.3		3.6		35		970		0.96		2.1		5.5	
Aldrin	c, nv	0.029		0.076		0.13		0.98		27		-		-		-	
Anthracene	nc, v	21,000	>Csat	41,000	>Csat	-	>Max	90,000	>Csat	-	>Max	-	>Max	-	>Max	-	>Max
Arsenic	c, nv	0.39		1.0		1.7		13		370		-		-		-	
Barium	nc, nv	16,000		31,000		-	>Max	62,000		-	>Max	-	>Max	-		-	
Benz[a]anthracene	c, nv	0.15		0.31		2.7		21	>Csat	590	>Csat	-	>Csat	-		-	
Benzene	c, v	6.9		21		34		340		9,400		8.5		18		48	
Benzidine	c, nv	0.00050		0.0010		0.0094		0.073		2.0		-		-		-	
Benzofluorene	c, nv	0.015		0.031		0.27		2.1		59	>Csat	-		-		-	
Benzobifluoranthene	c, nv	0.15		0.31		2.7		21	>Csat	590	>Csat	-		-		-	
Benzokifluoranthene	c, nv	1.5		3.1		27	>Csat	210	>Csat	5,900	>Csat	-		-		-	
Beryllium	nc, nv	150		310		2,000		610		17,000		-		-		-	
Bis(2-ethylhexyl)phthalate	c, nv	35		93		150	>Csat	1,200	>Csat	33,000	>Csat	-		-		-	
Bromodichloromethane	c, v	4.3		15		22		260		7,300	>Csat	3.7		7.9		21	
Bromoform	c, nv	81		210		360		2,700	>Csat	76,000	>Csat	-		-		-	
Bromomethane	nc, v	30		59		680		330	>Csat	9,000	>Csat	160		160		650	
Butylbenzene, n-	nc, v	210	>Csat	420	>Csat	4,900	>Csat	2,300	>Csat	65,000	>Csat	-	>Csat	-	>Csat	-	>Csat
Butylbenzene, sec-	nc, v	210	>Csat	420	>Csat	4,900	>Csat	2,300	>Csat	65,000	>Csat	-	>Csat	-	>Csat	-	>Csat
Cadmium	c, nv	1,500		6,400		8,600	>Max	-	>Max	-	>Max	-		-		-	
Carbon tetrachloride	c, v	3.1		9.6	>Csat	15	>Csat	150	>Csat	4,100	>Csat	4.3	>Csat	9.3	>Csat	25	>Csat
Chlorobenzene	nc, v	320		640	>Csat	8,000	>Max	4,200	>Max	-	>Max	-		-		-	
Chlorodibromomethane	c, nv	7.6		20		34		260		7,200	>Csat	-		-		-	
Chloroethane	c, v	92		310	>Csat	470	>Csat	5,600	>Csat	-	>Max	79		170		450	
Chloroform	c, v	5.7		24	>Csat	32	>Csat	810	>Csat	22,000	>Csat	2.8	>Csat	6.1	>Csat	16	>Csat

## RISK-BASED CONCENTRATIONS

Contaminated Medium		SOIL mg/Kg (ppm)				SOIL mg/Kg (ppm)							
Exposure Pathway		Vapor Intrusion into Buildings RBC <sub>si</sub>				Leaching to Groundwater RBC <sub>sw</sub>							
Receptor Scenario		Residential		Urban Residential		Occupational		Residential		Urban Residential		Occupational	
Direct or Indirect Pathway (see notes)		IV/S		IV/S		IV/S		IS		IS		IS	
Contaminant of Concern	Note		Note		Note		Note		Note		Note		Note
Acenaphthene	nc, v	-	>Max	-	>Max	-	>Max	-	-	-	>Csat	-	>Csat
Acrylonitrile	c, v	0.052		0.11		0.89		0.00026		0.00051		0.0016	
Aldrin	c, nv	-	NV	-	NV	-	NV	0.049		0.084		0.35	
Anthracene	nc, v	-	>Max	-	>Max	-	>Max	-	>Csat	-	>Csat	-	>Csat
Arsenic	c, nv	-	NV	-	NV	-	NV	-	*	-	*	-	*
Barium	nc, nv	-	NV	-	NV	-	NV	-	*	-	*	-	*
Benz[a]anthracene	c, nv	-	NV	-	NV	-	NV	3.5		4.0		0.052	
Benzene	c, v	0.068		0.15		1.2		0.0084		0.017		0.0015	
Benzidine	c, nv	-	NV	-	NV	-	NV	0.000077		0.000088			
Benzo[a]pyrene	c, nv	-	NV	-	NV	-	NV	0.90		1.0		-	>Csat
Benzo[b]fluoranthene	c, nv	-	NV	-	NV	-	NV	-	>Csat	-	>Csat	-	>Csat
Benzo[k]fluoranthene	c, nv	-	NV	-	NV	-	NV	-	>Csat	-	>Csat	-	>Csat
Beryllium	nc, nv	-	NV	-	NV	-	NV	*	*	*	*	-	>Csat
Bis(2-ethylhexyl)phthalate	c, nv	-	NV	-	NV	-	NV	140		-	>Csat	-	>Csat
Bromodichloromethane	c, v	0.22		0.48		3.8		0.0039		0.0081		0.023	
Bromoform	c, nv	-	NV	-	NV	-	NV	0.22		0.38		1.6	
Bromomethane	nc, v	1.3		1.3		16		0.096		0.096		0.39	>Csat
Butylbenzene, n-	nc, v	-	>Csat	-	>Csat	-	>Csat	52		52		-	>Csat
Butylbenzene, sec-	nc, v	78	>Csat	78	>Csat	-	>Csat	40		40		160	
Cadmium	c, nv	-	NV	-	NV	-	NV	*		*		*	
Carbon tetrachloride	c, v	0.035		0.075		0.60		0.011		0.022		0.070	
Chlorobenzene	nc, v	58		58		-	>Csat	6.4		6.4		26	
Chlorodibromomethane	c, nv	-	NV	-	NV	-	NV	0.016		0.027		0.11	
Chloroethane	c, v	0.64		1.4		11		0.061		0.13		0.37	
Chloroform	c, v	0.023		0.049		0.39		0.0031		0.0067		0.018	

## RISK-BASED CONCENTRATIONS

Contaminated Medium	→	GROUNDWATER µg/L (ppb)						GROUNDWATER µg/L (ppb)					
		Ingestion & Inhalation from Tapwater RBC <sub>iw</sub>						Volatilization to Outdoor Air RBC <sub>wo</sub>					
		Residential		Urban Residential		Occupational		Residential		Urban Residential		Occupational	
Receptor Scenario	→	DS		DS		DS		IVW		IVW		IVW	
		Note		Note		Note		Note		Note		Note	
		Note		Note		Note		Note		Note		Note	
Direct or Indirect Pathway (see notes)													
Contaminant of Concern		Note		Note		Note		Note		Note		Note	
Acenaphthene	nc, v	370	370	1,500		370		1,500	-	-	>S	-	>Max
Acrylonitrile	c, v	0.038	0.076	0.24		0.076		0.24	2,200	-	NV	4,600	12,000
Aldrin	c, nv	0.0033	0.0058	0.024		0.0058		0.024	-	-	NV	-	NV
Anthracene	nc, v	1,800	1,800	7,300	>S	1,800	>S	7,300	-	-	>Max	-	>Max
Arsenic	c, nv	0.038	0.066	0.27		0.066		0.27	-	-	NV	-	NV
Barium	nc, nv	7,300	7,300	29,000		7,300		29,000	-	-	NV	-	NV
Benz[a]anthracene	c, nv	0.029	0.033	0.56		0.033		0.56	-	-	NV	-	NV
Benzene	c, v	0.35	0.70	2.2		0.70		2.2	6,000	-	NV	13,000	34,000
Benzidine	c, nv	0.000094	0.00011	0.0018		0.00011		0.0018	-	-	NV	-	NV
Benzo[a]pyrene	c, nv	0.0029	0.0033	0.056		0.0033		0.056	-	-	NV	-	NV
Benzo[b]fluoranthene	c, nv	0.029	0.033	0.56		0.033		0.56	-	-	NV	-	NV
Benzo[k]fluoranthene	c, nv	0.29	0.33	5.6	>S	0.33		5.6	-	-	NV	-	NV
Beryllium	nc, nv	73	73	290		73		290	-	-	NV	-	NV
Bis(2-ethylhexyl)phthalate	c, nv	4.1	7.0	29		7.0		29	-	-	NV	-	NV
Bromodichloromethane	c, v	0.18	0.38	1.1		0.38		1.1	6,300	-	NV	13,000	36,000
Bromoform	c, nv	7.2	12	52		12		52	-	-	NV	-	NV
Bromomethane	nc, v	8.5	8.5	34		8.5		34	100,000	-	NV	100,000	400,000
Butylbenzene, n-	nc, v	61	61	240		61		240	-	-	>S	-	>S
Butylbenzene, sec-	nc, v	61	61	240		61		240	-	-	>S	-	>S
Cadmium	c, nv	-	-	-	>Max	-	>Max	-	-	-	NV	-	NV
Carbon tetrachloride	c, v	0.17	0.33	1.0		0.33		1.0	940	-	>S	2,000	5,300
Chlorobenzene	nc, v	90	90	360		90		360	-	-	>S	-	>S
Chlorodibromomethane	c, nv	0.68	1.2	4.9		1.2		4.9	-	-	NV	-	NV
Chloroethane	c, v	3.9	8.1	23		8.1		23	30,000	-	NV	65,000	170,000
Chloroform	c, v	0.18	0.38	1.0		0.38		1.0	2,300	-	>S	4,900	13,000

## RISK-BASED CONCENTRATIONS

Contaminated Medium	GROUNDWATER µg/L (ppb)				GROUNDWATER µg/L (ppb)				AIR µg/m <sup>3</sup>			
Exposure Pathway	Vapor Intrusion into Buildings RBC <sub>vi</sub>				GW in Excavation RBC <sub>we</sub>				Inhalation RBC <sub>in</sub>			
Receptor Scenario	Residential				Occupational				Residential			
Direct or Indirect Pathway (see notes)	IVW				IVW				DP			
Contaminant of Concern	Note	>S	>Max	>S	Note	>Max	>S	>S	Note	>Pv	>Pv	Note
Acenaphthene	nc, v	-	1,000	>S	-	8,100	25,000	>S	220	220	880	
Acrylonitrile	c, v	-	-	NV	-	-	230	>S	0.030	0.065	0.17	
Aldrin	c, nv	-	-	>Max	-	-	54	>S	0.00042	0.00090	0.0024	
Anthracene	nc, v	-	-	NV	-	-	79,000	>S	-	-	-	>Pv
Arsenic	c, nv	-	-	NV	-	-	5.8		0.00048	0.0010	0.0027	
Barium	nc, nv	-	-	NV	-	-	25,000		730	730	2,900	
Benz[a]anthracene	c, nv	-	-	NV	-	-	9.1		0.0069	0.0079	0.13	
Benzene	c, v	190	400	NV	3,200	1,700	16		0.27	0.57	1.5	
Benzidine	c, nv	-	-	NV	-	-	0.53		9.4E-06	0.000011	0.00018	
Benzofalpyrene	c, nv	-	-	NV	-	-			0.00069	0.00079	0.013	
Benzofluoranthene	c, nv	-	-	NV	-	-	5.2	>S	0.0069	0.0079	0.13	
Benzofluoranthene	c, nv	-	-	NV	-	-	49	>S	-	-	-	>Pv
Beryllium	nc, nv	-	-	NV	-	-	250		0.021	0.021	0.083	
Bis(2-ethylhexyl)phthalate	c, nv	-	-	NV	-	-	3,100	>S	0.51	1.1	-	>Pv
Bromodichloromethane	c, v	670	1,400	NV	12,000	870			0.12	0.25	0.66	
Bromoform	c, nv	-	3,300	NV	-	150,000			1.9	4.0	11	
Bromomethane	nc, v	-	-	>S	39,000	1,100			5.1	5.1	20	
Butylbenzene, n-	nc, v	-	-	>S	-	2,700			37	37	150	
Butylbenzene, sec-	nc, v	11,000	11,000	>S	-	3,000			37	37	150	
Cadmium	c, nv	-	-	NV	-	-	-	>Max	0.0011	0.0024	0.0065	
Carbon tetrachloride	c, v	22	48		380	740			0.14	0.29	0.77	
Chlorobenzene	nc, v	62,000	62,000	NV	-	9,600			51	51	200	
Chlorodibromomethane	c, nv	-	-		-	13,000			0.085	0.18	0.49	
Chloroethane	c, v	820	1,800		14,000	19,000			2.5	5.3	14	
Chloroform	c, v	78	170		1,300	700			0.089	0.19	0.50	

## RISK-BASED CONCENTRATIONS

Contaminated Medium		SOIL mg/kg (ppm)										SOIL mg/kg (ppm)					
		Soil Ingestion, Dermal Contact, and Inhalation RBC <sub>ss</sub>										Volatilization to Outdoor Air RBC <sub>so</sub>					
Exposure Pathway																	
Receptor Scenario		Residential		Urban Residential		Occupational		Construction Worker		Excavation Worker		Residential		Urban Residential		Occupational	
Direct or Indirect Pathway (see notes)		DC		DC		DC		DC		DC		IVS		IVS		IVS	
Contaminant of Concern		Note		Note		Note		Note		Note		Note		Note		Note	
Chloromethane	c, v	73		310	410			10,000	>Csat	-	>Max	36	>Csat	78	>Csat	210	>Csat
Chordane	c, nv	1.6		4.3	7.2			55	>Csat	1,500	>Csat	-	NV	-	NV	-	NV
Chromium (III)	nc, nv	-	>Max	-	-	>Max		-	>Max	-	>Max	-	NV	-	NV	-	NV
Chromium (VI)	c, nv	32		140	180			4,600		-	>Max	-	NV	-	NV	-	NV
Chrysene	c, nv	15	>Csat	31	270	>Csat		2,100	>Csat	59,000	>Csat	-	NV	-	NV	-	NV
Copper	nc, nv	2,900		5,800	38,000			11,000		-	>Max	-	NV	-	NV	-	NV
Cyanide (hydrogen cyanide) *	nc, nv	1,600		3,100	20,000			6,200		-	>Max	-	NV	-	NV	-	NV
DDD (4,4'-Dichlorodiphenyltrichloroethene)	c, nv	2.4		6.4	11			83	>Csat	2,300	>Csat	-	NV	-	NV	-	NV
DDE (4,4'-Dichlorodiphenyldichloroethene)	c, nv	1.7		4.5	7.7			58		1,600		-	NV	-	NV	-	NV
DDT (4,4'-Dichlorodiphenyldichloroethane)	c, nv	1.7		4.5	7.7			58	>Csat	1,600	>Csat	-	NV	-	NV	-	NV
Dibenz[a,h]anthracene	c, nv	0.015		0.031	0.27			2.1	>Csat	59	>Csat	-	NV	-	NV	-	NV
Dichlorobenzene, 1,2-	nc, v	190		390	6,000			5,200	>Csat	-	>Max	-	>Csat	-	>Csat	-	>Csat
Dichlorobenzene, 1,3-	nc, v	52		100	1,300			650	>Csat	18,000	>Csat	-	>Csat	-	>Csat	-	>Csat
Dichlorobenzene, 1,4-	c, v	11		38	57			680	>Csat	19,000	>Csat	9.5	>Csat	20	>Csat	54	>Csat
Dichlorobenzidine, 3,3'-	c, nv	1.1		2.9	4.8			37	>Csat	1,000	>Csat	-	NV	-	NV	-	NV
Dichloroethane, 1,1-	nc, v	4,200	>Csat	8,400	97,000	>Csat		46,000	>Csat	-	>Max	-	>Csat	-	>Csat	-	>Csat
Dichloroethene, 1,1-	nc, v	1,200	>Csat	2,300	26,000	>Csat		12,000	>Csat	-	>Max	-	>Csat	-	>Csat	-	>Csat
Dichloroethene, cis-1,2-	nc, v	210		420	4,900	>Csat		2,300	>Csat	65,000	>Csat	-	>Csat	-	>Csat	-	>Csat
Dichloroethene, trans-1,2-	nc, v	370		750	8,900	>Csat		4,500	>Csat	-	>Max	2,000	>Csat	2,000	>Csat	-	>Csat
Dichloroethylether	c, v	0.24		0.80	1.2			15		410	>Csat	0.20		0.42		1.1	
Dichloromethane	c, v	66		190	310			2,700	>Csat	75,000	>Csat	140		310		820	
Dichlorophenoxyacetic acid, 2,4- (2,4-D)	nc, nv	610	>Csat	1,200	7,700	>Csat		2,400	>Csat	66,000	>Csat	-	NV	-	NV	-	NV
Dieldrin	c, nv	0.030		0.081	0.13			1.0		29	>Csat	-	NV	-	NV	-	NV
Dinitrotoluene, 2,6-	nc, nv	61		120	770	>Csat		240	>Csat	6,600	>Csat	-	NV	-	NV	-	NV
Di-n-propylnitrosamine	c, nv	0.069		0.19	0.31			2.4		66	>Csat	-	NV	-	NV	-	NV

## RISK-BASED CONCENTRATIONS

Contaminant of Concern	Note	SOIL mg/Kg (ppm)				SOIL mg/Kg (ppm)			
		Vapor Intrusion into Buildings RBC <sub>vi</sub>				Leaching to Groundwater RBC <sub>gw</sub>			
		Residential	Urban Residential	Occupational	Note	Residential	Urban Residential	Occupational	Note
Direct or Indirect Pathway (see notes)		IVS	IVS	IVS	Note	IS	IS	IS	Note
Chloromethane	C, V	0.29	0.63	5.0		0.027	0.058	0.15	
Chordane	C, NV	-	-	-	NV	5.8	10	-	>Csat
Chromium (III)	nc, NV	-	-	-	NV	*	*	*	
Chromium (VI)	C, NV	-	-	-	NV	*	*	*	
Chrysene	C, NV	-	-	-	NV	-	-	-	>Csat
Copper	nc, NV	-	-	-	NV	*	*	*	
Cyanide (hydrogen cyanide) *	nc, NV	-	-	-	NV	*	*	*	
DDD (4,4'-Dichlorodiphenyltrichloroethene)	C, NV	-	-	-	NV	71	120	-	>Csat
DDE (4,4'-Dichlorodiphenyldichloroethene)	C, NV	-	-	-	NV	220	390	1,600	
DDT (4,4'-Dichlorodiphenyldichloroethane)	C, NV	-	-	-	NV	130	230	-	>Csat
Dibenz[a,h]anthracene	C, NV	-	-	-	NV	3.4	3.8	-	>Csat
Dichlorobenzene, 1,2-	nc, V	160	160	-	>Csat	9.4	9.4	38	
Dichlorobenzene, 1,3-	nc, V	42	42	-	>Csat	2.8	2.8	11	
Dichlorobenzene, 1,4-	C, V	1.5	3.2	25		0.091	0.19	0.54	
Dichlorobenzidine, 3,3'-	C, NV	-	-	-	NV	0.028	0.048	0.20	
Dichloroethane, 1,1-	nc, V	190	190	-	>Max	19	19	77	
Dichloroethene, 1,1-	nc, V	54	54	640		11	11	43	
Dichloroethene, cis-1,2-	nc, V	9.4	9.4	110		1.0	1.0	4.0	
Dichloroethene, trans-1,2-	nc, V	16	16	190		2.5	2.5	10.0	
Dichloroethylether	C, V	0.20	0.42	3.4		0.00087	0.00018	0.00052	
Dichloromethane	C, V	1.2	2.5	20		0.035	0.067	0.23	
Dichlorophenoxyacetic acid, 2,4- (2,4-D)	nc, NV	-	-	-	NV	4.8	4.8	19	
Dieldrin	C, NV	-	-	-	NV	0.023	0.039	0.16	
Dinitrotoluene, 2,6-	nc, NV	-	-	-	NV	4.2	4.2	17	
Di-n-propylnitrosamine	C, NV	-	-	-	NV	0.0012	0.0021	0.0087	

## RISK-BASED CONCENTRATIONS

Contaminant of Concern	Direct or Indirect Pathway (see notes)	GROUNDWATER µg/L (ppb)				GROUNDWATER µg/L (ppb)			
		Ingestion & Inhalation from Tapwater RBC <sub>tw</sub>				Volatilization to Outdoor Air RBC <sub>wo</sub>			
		Residential	Urban Residential	Occupational	Note	Residential	Urban Residential	Occupational	Note
Receptor Scenario		DS	DS	DS	Note	IWW	IWW	IWW	Note
Chloromethane	C, V	2.3	4.9	13		16,000	34,000	90,000	
Chordane	C, NV	0.16	0.28	1.2		-	-	-	
Chromium (III)	nc, NV	55,000	55,000	220,000		-	-	-	
Chromium (VI)	C, NV	-	>Max	-	>Max	-	-	-	
Chrysene	C, NV	2.9	3.3	56	>S	-	-	-	
Copper	nc, NV	1,400	1,400	5,400		-	-	-	
Cyanide (hydrogen cyanide) *	nc, NV	730	730	2,900		-	-	-	
DDD (4,4'-Dichlorodiphenyltrichloroethene)	C, NV	0.24	0.41	1.7		-	-	-	
DDE (4,4'-Dichlorodiphenyldichloroethene)	C, NV	0.17	0.29	1.2		-	-	-	
DDT (4,4'-Dichlorodiphenyldichloroethane)	C, NV	0.17	0.29	1.2		-	-	-	
Dibenz[a,h]anthracene	C, NV	0.0029	0.0033	0.056		-	-	-	
Dichlorobenzene, 1,2-	nc, V	50	50	200		-	-	-	>S
Dichlorobenzene, 1,3-	nc, V	15	15	58		-	-	-	>S
Dichlorobenzene, 1,4-	C, V	0.48	0.98	2.8		13,000	28,000	-	>S
Dichlorobenzidine, 3,3'-	C, NV	0.13	0.22	0.91		-	-	-	NV
Dichloroethane, 1,1-	nc, V	1,200	1,200	4,900		-	-	-	>S
Dichloroethene, 1,1-	nc, V	340	340	1,400		1,400,000	1,400,000	-	>S
Dichloroethene, cis-1,2-	nc, V	61	61	240		1,000,000	1,000,000	-	>S
Dichloroethene, trans-1,2-	nc, V	110	110	420		1,100,000	1,100,000	4,300,000	
Dichloroethylether	C, V	0.010	0.021	0.059		3,600	7,700	20,000	
Dichloromethane	C, V	4.1	7.8	26		140,000	290,000	780,000	
Dichlorophenoxyacetic acid, 2,4- (2,4-D)	nc, NV	370	370	1,500		-	-	-	NV
Dieldrin	C, NV	0.0035	0.0061	0.026		-	-	-	NV
Dinitrotoluene, 2,6-	nc, NV	37	37	150		-	-	-	NV
Di-n-propylnitrosamine	C, NV	0.0081	0.014	0.058		-	-	-	NV



## RISK-BASED CONCENTRATIONS

Contaminated Medium		GROUNDWATER µg/L (ppb)						GROUNDWATER µg/L (ppb)		AIR µg/m <sup>3</sup>	
		Vapor Intrusion into Buildings RBC <sub>vi</sub>						GW in Excavation RBC <sub>we</sub>		Inhalation RBC <sub>in</sub>	
		Residential	Urban Residential	Occupational	IVW	Note	DS	Construction & Excavation Worker	Residential	Urban Residential	Occupational
Direct or Indirect Pathway (see notes)		IVW	IVW	IVW	IVW	Note	DS	Construction & Excavation Worker	Residential	Urban Residential	Occupational
Contaminant of Concern	Note										
Chloromethane	C, V	390	840	6,700	NV		9,000	>S	1.1	2.4	6.5
Chordane	C, NV	-	-	-	NV		73		0.020	0.044	0.12
Chromium (III)	nc, NV	-	-	-	NV		190,000		-	-	-
Chromium (VI)	C, NV	-	-	-	NV		-	>Max	0.000024	0.000052	0.00014
Chrysene	C, NV	-	-	-	NV		910	>S	0.69	0.79	-
Copper	nc, NV	-	-	-	NV		4,600		-	-	-
Cyanide (hydrogen cyanide) *	nc, NV	-	-	-	NV		2,500		3.1	3.1	13
DDD (4,4'-Dichlorodiphenyltrichloroethene)	C, NV	-	-	-	NV		40		0.030	0.064	0.17
DDE (4,4'-Dichlorodiphenyldichloroethene)	C, NV	-	-	-	NV		32		0.021	0.045	0.12
DDT (4,4'-Dichlorodiphenyldichloroethane)	C, NV	-	-	-	NV		15		0.021	0.045	0.12
Dibenz[a,h]anthracene	C, NV	-	-	-	NV		0.21		-	-	-
Dichlorobenzene, 1,2-	nc, V	59,000	59,000	-	>S		5,400		25	25	100
Dichlorobenzene, 1,3-	nc, V	16,000	16,000	-	>S		1,300		8.4	8.4	34
Dichlorobenzene, 1,4-	C, V	570	1,200	9,700			1,600		0.30	0.64	1.7
Dichlorobenzidine, 3,3'-	C, NV	-	-	-	NV		460		0.016	0.034	0.091
Dichloroethane, 1,1-	nc, V	590,000	590,000	-	>Max		160,000		730	730	2,900
Dichloroethene, 1,1-	nc, V	34,000	34,000	410,000			41,000		210	210	830
Dichloroethene, cis-1,2-	nc, V	39,000	39,000	470,000			7,600		37	37	150
Dichloroethene, trans-1,2-	nc, V	33,000	33,000	390,000			13,000		62	62	250
Dichloroethylether	C, V	1,400	2,900	23,000			48		0.0062	0.013	0.035
Dichloromethane	C, V	6,300	14,000	110,000			31,000		4.5	9.6	26
Dichlorophenoxyacetic acid, 2,4- (2,4-D)	nc, NV	-	-	-	NV		72,000		37	37	150
Dieldrin	C, NV	-	-	-	NV		6.1		0.00045	0.00096	0.0026
Dinitrotoluene, 2,6-	nc, NV	-	-	-	NV		29,000		3.7	3.7	15
Di-n-propylnitrosamine	C, NV	-	-	-	NV		340		0.0010	0.0022	0.0058

## RISK-BASED CONCENTRATIONS

Contaminated Medium		SOIL mg/kg (ppm)										SOIL mg/kg (ppm)					
		Soil Ingestion, Dermal Contact, and Inhalation RBC <sub>ss</sub>										Volatilization to Outdoor Air RBC <sub>so</sub>					
Exposure Pathway																	
Receptor Scenario																	
Direct or Indirect Pathway (see notes)		Residential		Urban Residential		Occupational		Construction Worker		Excavation Worker		Residential		Urban Residential		Occupational	
Contaminant of Concern		DC		DC		DC		DC		DC		DC		DC		DC	
		Note		Note		Note		Note		Note		Note		Note		Note	
Dioxane, 1,4-	c, nv	53		140		240		1,800		50,000		-		-		-	
Diphenylnitrosamine	c, nv	99		270	>Csat	440	>Csat	3,400	>Csat	95,000	>Csat	-		-		-	
EDB (1,2-dibromoethane)	c, v	0.13		0.45		0.68		8.1		230		0.11		0.25		0.65	
EDC (1,2-dichloroethane)	c, v	2.9		9.9		15		180		5,000	>Csat	2.5		5.4		14	
Endosulfan, (alpha-beta)	nc, nv	370	>Csat	730	>Csat	4,600	>Csat	1,400	>Csat	40,000	>Csat	-		-		-	
Endrin	nc, nv	18	>Csat	37	>Csat	230	>Csat	71	>Csat	2,000	>Csat	-		-		-	
Ethylbenzene	nc, v	4,000	>Csat	8,100	>Csat	74,000	>Csat	28,000	>Csat	-	>Max	-		-	>Csat	-	>Max
Fluoranthene	nc, nv	2,300	>Csat	4,600	>Csat	29,000	>Csat	8,900	>Csat	-	>Max	-		-		-	>Max
Fluorene	nc, v	2,600	>Csat	5,200	>Csat	35,000	>Csat	12,000	>Csat	-	>Max	-		-	>Max	-	>Max
Formaldehyde	c, nv	14		36		62		470		13,000		-		-		-	
Heptachlor	c, nv	0.11		0.29		0.48		3.7		100		-		-		-	
Heptachlor Epoxide	c, nv	0.053		0.14		0.24		1.8		51		-		-		-	
Hexachlorobenzene	c, nv	0.40		1.0		1.8		14		380		-		-		-	
Hexachlorocyclohexane, alpha- (alpha-HCH)	c, nv	0.077		0.21		0.34		2.6		74	>Csat	-		-		-	
Hexachlorocyclohexane, gamma- (Lindane)	c, nv	0.37		1.00		1.7		13		360	>Csat	-		-		-	
Hexachloroethane	c, nv	35		93		150		1,200	>Csat	33,000	>Csat	-		-		-	
Indeno[1,2,3-cd]pyrene	c, nv	0.15		0.31		2.7	>Csat	21	>Csat	590	>Csat	-		-		-	
Lead	NA, nv	400	L	400	L	800	L	800	L	800	L	-		-		-	
Manganese	nc, nv	3,300		6,600		41,000		14,000		-	>Max	-		-		-	
MCPA ((4-chloro-2-methylphenoxy)acetic acid)	nc, nv	31		61		380	>Csat	120	>Csat	3,300	>Csat	-		-		-	
Mercury	nc, nv	23		47		310		93		2,600		-		-		-	
MTBE (methyl t-butyl ether)	c, v	210		650		1,000		10,000	>Csat	-	>Max	250		540		1,400	
Naphthalene	nc, v	34		67		770	>Csat	710	>Csat	20,000	>Csat	240		240		-	>Csat
Nickel	nc, nv	1,600		3,100		20,000		6,200		-	>Max	-		-		-	
Pentachlorophenol	c, nv	3.0		8.1		13		100		2,900		-		-		-	

## RISK-BASED CONCENTRATIONS

Contaminated Medium	SOIL mg/Kg (ppm)				SOIL mg/Kg (ppm)			
	Vapor Intrusion into Buildings RBC <sub>si</sub>				Leaching to Groundwater RBC <sub>gw</sub>			
	Residential	Urban Residential	Occupational		Residential	Urban Residential	Occupational	
Exposure Pathway	IVS	IVS	IVS	Note	IS	IS	IS	Note
Receptor Scenario	IVS	IVS	IVS	Note	IS	IS	IS	Note
Direct or Indirect Pathway (see notes)	IVS	IVS	IVS	Note	IS	IS	IS	Note
Contaminant of Concern	IVS	IVS	IVS	Note	IS	IS	IS	Note
Dioxane, 1,4-	C, NV	-	NV	NV	-	0.023	0.041	0.17
Diphenylnitrosamine	C, NV	-	NV	NV	-	4.5	7.8	33
EDB (1,2-dibromoethane)	C, V	0.0084	0.018	0.14	0.000073	0.00015	0.00044	
EDC (1,2-dichloroethane)	C, V	0.033	0.071	0.56	0.0012	0.0025	0.0074	
Endosulfan, (alpha-beta)	nc, NV	-	NV	-	NV	-	>Csat	>Csat
Endrin	nc, NV	-	NV	-	NV	-	>Csat	>Csat
Ethylbenzene	nc, V	-	>Csat	>Csat	160	160	160	-
Fluoranthene	nc, NV	-	NV	-	-	-	>Csat	>Csat
Fluorene	nc, V	-	>Max	>Max	-	-	>Csat	>Csat
Formaldehyde	C, NV	-	NV	-	NV	0.0056	0.0097	0.040
Heptachlor	C, NV	-	NV	-	NV	5.3	9.2	38
Heptachlor Epoxide	C, NV	-	NV	-	NV	0.16	0.27	1.1
Hexachlorobenzene	C, NV	-	NV	-	NV	0.59	1.0	4.2
Hexachlorocyclohexane, alpha- (alpha-HCH)	C, NV	-	NV	-	NV	0.0048	0.0083	0.035
Hexachlorocyclohexane, gamma- (Lindane)	C, NV	-	NV	-	NV	0.014	0.025	0.10
Hexachloroethane	C, NV	-	NV	-	NV	2.2	3.8	16
Indeno[1,2,3-cd]pyrene	C, NV	-	NV	-	NV	>Csat	>Csat	>Csat
Lead	NA, NV	-	NV	-	NV	30	30	30
Manganese	nc, NV	-	NV	-	NV	*	*	*
MCPA ((4-chloro-2-methylphenoxy)acetic acid)	nc, NV	-	NV	-	NV	0.24	0.24	0.95
Mercury	nc, NV	-	NV	-	NV	*	*	*
MTBE (methyl t-butyl ether)	C, V	4.1	8.8	70	0.082	0.16	0.50	
Naphthalene	nc, V	290	290	-	>Csat	3.8	3.8	15
Nickel	nc, NV	-	NV	-	NV	*	*	*
Pentachlorophenol	C, NV	-	NV	-	NV	0.48	0.83	3.5

## RISK-BASED CONCENTRATIONS

Contaminated Medium	→	GROUNDWATER µg/L (ppb)						GROUNDWATER µg/L (ppb)					
		Ingestion & Inhalation from Tapwater RBC <sub>iw</sub>						Volatilization to Outdoor Air RBC <sub>wo</sub>					
		Residential	Urban Residential	Occupational	Residential	Urban Residential	Occupational	Residential	Urban Residential	Occupational	Residential	Urban Residential	Occupational
Direct or Indirect Pathway (see notes)		DS	DS	DS	DS	DS	DS	DS	DS	DS	DS	DS	DS
Contaminant of Concern	Note												
Dioxane, 1,4-	c, nv	5.2	8.9	37									
Diphenylnitrosamine	c, nv	12	20	83									
EDB (1,2-dibromoethane)	c, v	0.0057	0.012	0.034									
EDC (1,2-dichloroethane)	c, v	0.13	0.26	0.75									
Endosulfan, (alpha-beta)	nc, nv	220	220	880	>S								
Endrin	nc, nv	11	11	44									
Ethylbenzene	nc, v	1,300	1,300	5,400									
Fluoranthene	nc, nv	1,500	1,500	5,800	>S								
Fluorene	nc, v	240	240	970									
Formaldehyde	c, nv	1.2	2.1	8.9									
Heptachlor	c, nv	0.013	0.022	0.091									
Heptachlor Epoxide	c, nv	0.0062	0.011	0.045									
Hexachlorobenzene	c, nv	0.035	0.061	0.26									
Hexachlorocyclohexane, alpha- (alpha-HCH)	c, nv	0.0090	0.016	0.065									
Hexachlorocyclohexane, gamma- (Lindane)	c, nv	0.044	0.076	0.31									
Hexachloroethane	c, nv	4.1	7.0	29									
Indeno[1,2,3-cd]pyrene	c, nv	0.029	0.033	0.56	>S								
Lead	NA, nv	15	15	15	L								
Manganese	nc, nv	1,700	1,700	6,900									
MCPA ((4-chloro-2-methylphenoxy)acetic acid)	nc, nv	18	18	73									
Mercury	nc, nv	11	11	44									
MTBE (methyl t-butyl ether)	c, v	11	21	64									
Naphthalene	nc, v	6.2	6.2	25									
Nickel	nc, nv	730	730	2,900									
Pentachlorophenol	c, nv	0.47	0.82	3.4									

## RISK-BASED CONCENTRATIONS

Contaminated Medium		GROUNDWATER µg/L (ppb)				GROUNDWATER µg/L (ppb)				AIR µg/m <sup>3</sup>			
		Vapor Intrusion into Buildings RBC <sub>vi</sub>				GW in Excavation RBC <sub>we</sub>				Inhalation RBC <sub>in</sub>			
		Residential	Urban Residential	Occupational		Construction & Excavation Worker				Residential	Urban Residential	Occupational	
Direct or Indirect Pathway (see notes)		IVW	IVW	IVW	Note	DS	Note	DP	Note	DP	DP	DP	Note
Contaminant of Concern	Note												
Dioxane, 1,4-	C, nv	-	-	-	NV	1,800,000		0.65		1.4		3.7	
Diphenylnitrosamine	C, nv	-	-	-	NV	52,000	>S	1.5		3.1		8.3	
EDB (1,2-dibromoethane)	C, v	42	89	710		28		0.0036		0.0077		0.020	
EDC (1,2-dichloroethane)	C, v	230	490	3,900		600		0.079		0.17		0.45	
Endosulfan, (alpha-beta)	nc, nv	-	-	-	NV	30,000	>S	22		22		88	
Endrin	nc, nv	-	-	-	NV	420	>S	1.1		1.1		4.4	
Ethylbenzene	nc, v	-	-	-	>S	110,000		1,100		1,100		4,200	
Fluoranthene	nc, nv	-	-	-	NV	9,600	>S	-	>Pv	-	>Pv	-	>Pv
Fluorene	nc, v	-	-	-	>S	14,000	>S	150		150		580	
Formaldehyde	C, nv	-	-	-	NV	91,000		0.16		0.33		0.89	
Heptachlor	C, nv	-	-	-	NV	32		0.0016		0.0033		0.0089	
Heptachlor Epoxide	C, nv	-	-	-	NV	3.2		0.00079		0.0017		0.0045	
Hexachlorobenzene	C, nv	-	-	-	NV	10		0.0045		0.0096		0.026	
Hexachlorocyclohexane, alpha- (alpha-HCH)	C, nv	-	-	-	NV	28		0.0011		0.0024		0.0065	
Hexachlorocyclohexane, gamma- (Lindane)	C, nv	-	-	-	NV	150		0.0055		0.012		0.031	
Hexachloroethane	C, nv	-	-	-	NV	7,000		0.51		1.1		2.9	
Indeno[1,2,3-cd]pyrene	C, nv	-	-	-	NV	2.9	>S	-	>Pv	-	>Pv	-	>Pv
Lead	NA, nv	-	-	-	NV	-		-		-		-	
Manganese	nc, nv	-	-	-	NV	5,900		0.051		0.051		0.20	
MCPA ((4-chloro-2-methylphenoxy)acetic acid)	nc, nv	-	-	-	NV	6,600		1.8		1.8		7.3	
Mercury	nc, nv	-	-	-	NV	37		0.31		0.31		1.3	
MTBE (methyl t-butyl ether)	C, v	34,000	74,000	590,000		59,000		7.9		17		45	
Naphthalene	nc, v	30,000	30,000	-	>S	680		3.1		3.1		13	
Nickel	nc, nv	-	-	-	NV	12,000		-	>Max	-	>Max	-	>Max
Pentachlorophenol	C, nv	-	-	-	NV	52		0.060		0.13		0.34	

## RISK-BASED CONCENTRATIONS

Contaminated Medium		SOIL mg/kg (ppm)										SOIL mg/kg (ppm)					
Exposure Pathway		Soil Ingestion, Dermal Contact, and Inhalation RBC <sub>ss</sub>										Volatilization to Outdoor Air RBC <sub>so</sub>					
Receptor Scenario		Residential		Urban Residential		Occupational		Construction Worker		Excavation Worker		Residential		Urban Residential		Occupational	
Direct or Indirect Pathway (see notes)		DC		DC		DC		DC		DC		IVS		IVS		IVS	
Contaminant of Concern		Note		Note		Note		Note		Note		Note		Note		Note	
Polychlorinated biphenyls (PCBs) Propylbenzene, iso- Propylbenzene, n- Pyrene Silver	c, nv	0.22		0.60	>Csat	0.98	>Csat	7.6	>Csat	210	>Csat	-	NV	-	NV	-	NV
	nc, v	2,300		4,500	>Csat	51,000	>Csat	24,000	>Csat	-	>Max	-	>Csat	-	>Csat	-	>Csat
	nc, v	210		420	>Csat	4,900	>Csat	2,300	>Csat	65,000	>Csat	-	>Csat	-	>Csat	-	>Csat
	nc, nv	1,700		3,400	>Csat	21,000	>Csat	6,700	>Csat	-	>Max	-	NV	-	NV	-	NV
	nc, nv	390		780	>Csat	5,100	>Csat	1,500	>Csat	43,000	>Csat	-	NV	-	NV	-	NV
Styrene TCDD, 2,3,7,8- (Dioxin) Tetrachloroethene (PCE) Toluene	nc, v	5,500		11,000	>Csat	-	>Max	50,000	>Csat	-	>Max	-	>Csat	-	>Csat	-	>Max
	c, nv	3.9E-06		0.000010	>Csat	0.000017	>Csat	0.00013	>Csat	0.0037	>Csat	-	NV	-	NV	-	NV
	c, v	1.1		3.0	>Csat	5.1	>Csat	40	>Csat	1,100	>Csat	11	>Max	23	>Max	62	>Max
	nc, v	5,400		11,000	>Csat	77,000	>Csat	24,000	>Csat	-	>Max	-	>Max	-	>Max	-	>Max
	c, nv	0.44		1.2	>Csat	2.0	>Csat	15	>Csat	420	>Csat	-	NV	-	NV	-	NV
Trichloro-1,2,2-trifluoroethane, 1,1,2- (Freon 113) Trichloroethane, 1,1,1- Trichloroethane, 1,1,2- Trichloroethene Trichlorofluoroethane (Freon 11)	nc, v	-		-	>Max	-	>Max	-	>Max	-	>Max	-	>Max	-	>Max	-	>Max
	nc, v	2,000		3,900	>Csat	27,000	>Csat	8,500	>Csat	-	>Max	-	>Csat	-	>Csat	-	>Max
	nc, v	84		170	>Csat	1,900	>Csat	930	>Csat	26,000	>Csat	470	>Csat	470	>Csat	-	>Csat
	c, v	0.67		2.3	>Csat	3.4	>Csat	41	>Csat	1,100	>Csat	0.57	>Csat	1.2	>Csat	3.3	>Csat
	nc, v	4,600		9,300	>Csat	-	>Max	62,000	>Csat	-	>Max	-	>Csat	-	>Csat	-	>Csat
Trichlorophenol, 2,4,6- Trimethylbenzene, 1,2,4- Trimethylbenzene, 1,3,5- Vinyl chloride Xylenes	c, nv	44		120	>Csat	200	>Csat	1,500	>Csat	42,000	>Csat	-	NV	-	NV	-	NV
	nc, v	48		97	>Csat	1,500	>Csat	1,400	>Csat	40,000	>Csat	200	>Csat	200	>Csat	790	>Csat
	nc, v	48		97	>Csat	1,500	>Csat	1,400	>Csat	40,000	>Csat	200	>Csat	200	>Csat	-	>Csat
	c, v	0.34		0.76	>Csat	3.9	>Csat	30	>Csat	830	>Csat	4.8	>Csat	5.7	>Csat	85	>Csat
	nc, v	790		1,600	>Csat	24,000	>Csat	19,000	>Csat	-	>Max	-	>Csat	-	>Csat	-	>Csat

## RISK-BASED CONCENTRATIONS

Contaminated Medium		SOIL mg/Kg (ppm)				SOIL mg/Kg (ppm)			
		Vapor Intrusion into Buildings RBC <sub>si</sub>				Leaching to Groundwater RBC <sub>sw</sub>			
		Residential	Urban Residential	Occupational	Note	Residential	Urban Residential	Occupational	Note
Direct or Indirect Pathway (see notes)	Note	IVS	IVS	IVS	Note	IS	IS	IS	Note
Contaminant of Concern									
Polychlorinated biphenyls (PCBs) Propylbenzene, iso- Propylbenzene, n- Pyrene Silver	nc, nv	-	-	-	NV	0.64	1.1	-	>Csat
	nc, v	-	-	-	>Csat	-	-	-	>Csat
	nc, v	140	140	-	>Csat	52	52	-	>Csat
	nc, nv	-	-	-	NV	-	-	-	>Csat
	nc, nv	-	-	-	NV	*	*	*	*
Styrene	nc, v	-	-	-	>Csat	390	390	-	>Csat
TCDD, 2,3,7,8- (Dioxin)	c, nv	-	-	-	NV	0.000017	0.000029	0.00012	
Tetrachloroethene (PCE)	c, v	0.088	0.19	1.5		0.0053	0.0093	0.037	
Toluene	nc, v	-	-	-	>Csat	140	140	-	>Csat
Toxaphene	c, nv	-	-	-	NV	4.0	6.9	29	
Trichloro-1,2,2-trifluoroethane, 1,1,2- (Freon 113)	nc, v	-	-	-	>Csat	-	-	-	>Csat
Trichloroethane, 1,1,1-	nc, v	590	590	-	>Csat	37	37	150	
Trichloroethane, 1,1,2-	nc, v	17	17	210		0.48	0.48	1.9	
Trichloroethene	c, v	0.0055	0.012	0.094		0.0017	0.0034	0.0099	
Trichlorofluoromethane (Freon 11)	nc, v	190	190	-	>Csat	72	72	290	
Trichlorophenol, 2,4,6-	c, nv	-	-	-	NV	1.9	3.2	13	
Trimethylbenzene, 1,2,4-	nc, v	70	70	840		14	14	55	
Trimethylbenzene, 1,3,5-	nc, v	12	12	140		3.1	3.1	12	
Vinyl chloride	c, v	0.038	0.046	2.1		0.00050	0.00059	0.010	
Xylenes	nc, v	110	110	-	>Csat	25	25	100	

## RISK-BASED CONCENTRATIONS

Contaminated Medium	→	GROUNDWATER µg/L (ppb)						GROUNDWATER µg/L (ppb)					
		Ingestion & Inhalation from Tapwater RBC <sub>iw</sub>						Volatilization to Outdoor Air RBC <sub>wo</sub>					
		Residential	Urban Residential	Occupational	DS	Note		Residential	Urban Residential	Occupational	DS	Note	
Receptor Scenario	→	DS	DS	DS	DS	Note		DS	DS	DS	DS	Note	
Direct or Indirect Pathway (see notes)	Note												
Contaminant of Concern													
Polychlorinated biphenyls (PCBs)	c, nv	0.028	0.049	0.20	660			-	-	-	0.20	NV	-
Propylbenzene, iso-	nc, v	660	660	2,600	61			-	-	-	2,600	>S	-
Propylbenzene, n-	nc, v	61	61	240	1,100			-	-	-	240	>S	-
Pyrene	nc, nv	1,100	>S	4,400	180			-	-	-	4,400	NV	-
Silver	nc, nv	180	180	730	1,600			-	-	-	730	NV	-
Styrene	nc, v	1,600	1,600	6,600	3.8E-07			-	-	-	6,600	>S	-
TCDD, 2,3,7,8- (Dioxin)	c, nv	3.8E-07	6.6E-07	2.7E-06	0.091			-	-	-	2.7E-06	NV	-
Tetrachloroethene (PCE)	c, v	0.091	0.16	0.63	2,300			3,900	8,400	22,000	0.63		
Toluene	nc, v	2,300	2,300	9,100	0.089			-	-	-	9,100	>Max	-
Toxaphene	c, nv	0.052	0.089	0.37	59,000			-	-	-	0.37	NV	-
Trichloro-1,2,2-trifluoroethane, 1,1,2- (Freon 113)	nc, v	59,000	59,000	240,000	840			-	-	-	240,000	>S	-
Trichloroethane, 1,1,1-	nc, v	840	840	3,300	24			-	-	-	3,300	>S	-
Trichloroethane, 1,1,2-	nc, v	24	24	97	0.029			800,000	800,000	3,200,000	97		
Trichloroethene	c, v	0.029	0.059	0.17	1,300			290	630	1,700	0.17		
Trichlorofluoromethane (Freon 11)	nc, v	1,300	1,300	5,200	5.2			-	-	-	5,200	>S	-
Trichlorophenol, 2,4,6-	c, nv	5.2	8.9	37	12			-	-	-	37	NV	-
Trimethylbenzene, 1,2,4-	nc, v	12	12	49	0.025			-	-	-	49	>S	-
Trimethylbenzene, 1,3,5-	nc, v	12	12	49	210			-	-	-	49	>S	-
Vinyl chloride	c, v	0.025	0.029	0.51	210			950	1,100	17,000	0.51		
Xylenes	nc, v	210	210	820				-	-	-	820	>S	-



## RISK-BASED CONCENTRATIONS

Contaminated Medium	→	GROUNDWATER µg/L (ppb)						GROUNDWATER µg/L (ppb)		AIR µg/m <sup>3</sup>	
		Vapor Intrusion into Buildings RBC <sub>vi</sub>						GW in Excavation RBC <sub>we</sub>		Inhalation RBC <sub>in</sub>	
		Residential		Urban Residential		Occupational		Construction & Excavation Worker		Residential	
Receptor Scenario	→	IVW		IVW		IVW		DS		DP	
Direct or Indirect Pathway (see notes)	Note										
Contaminant of Concern											
Polychlorinated biphenyls (PCBs)	C, NV	-	NV	-	NV	-	NV	3.3	>S	0.0036	0.0077
Propylbenzene, iso-	nc, V	-	>S	-	>S	-	>S	51,000	>S	400	400
Propylbenzene, n-	nc, V	14,000	>S	14,000	>S	-	>S	4,500	>S	37	37
Pyrene	nc, NV	-	NV	-	NV	-	NV	5,800	>S	-	>Pv
Silver	nc, NV	-	NV	-	NV	-	NV	1,000	>S	-	>Max
Styrene	nc, V	-	>S	-	>S	-	>S	160,000		1,100	1,100
TCDD, 2,3,7,8- (Dioxin)	C, NV	-	NV	-	NV	-	NV	0.000014		4.8E-08	1.0E-07
Tetrachloroethene (PCE)	C, V	98	>S	210	>S	1,700	>S	240		0.34	0.73
Toluene	nc, V	-	>S	-	>S	-	>S	200,000		5,100	5,100
Toxaphene	C, NV	-	NV	-	NV	-	NV	71		0.0065	0.014
Trichloro-1,2,2-trifluoroethane, 1,1,2- (Freon 113)	nc, V	-	>S	-	>S	-	>S	6,500,000	>S	31,000	31,000
Trichloroethane, 1,1,1-	nc, V	650,000		650,000		-	>S	130,000		2,300	2,300
Trichloroethane, 1,1,2-	nc, V	59,000		59,000		710,000		3,000		15	15
Trichloroethene	C, V	8.0		17		140		130		0.038	0.038
Trichlorofluoromethane (Freon 11)	nc, V	35,000		35,000		420,000		150,000		730	730
Trichlorophenol, 2,4,6-	C, NV	-	NV	-	NV	-	NV	9,900		0.65	1.4
Trimethylbenzene, 1,2,4-	nc, V	5,100		5,100		-	>S	1,300		6.2	6.2
Trimethylbenzene, 1,3,5-	nc, V	3,900		3,900		47,000		1,400		6.2	6.2
Vinyl chloride	C, V	21		25		1,100		1,200		0.15	0.18
Xylenes	nc, V	71,000		71,000		-	>S	22,000		110	110