Appendix E-5. Fall chinook tissue samples -site averages (ug/kg) at full detection limits and with the detection limit set to zero.

		Detection Limits					
		DL=0	DL=0	DL=0	DL=DL	DL=DL	DL=DL
Station	**Chemical**	Egg	Fillet+skin	WholeBody	Egg	Fillet+skin	WholeBody
Sta. 8	1,2,3,4,6,7,8-HpCDD	0.00005	1.67E-05	0	0.00005	2.17E-05	3.33E-05
	1,2,3,4,6,7,8-HpCDF	0	0	0	0.00002	1.17E-05	2.67E-05
	1,2,3,4,7,8,9-HpCDF	0	0	0	0.00002	1.17E-05	2.67E-05
	1,2,3,4,7,8-HxCDD	0	0	0	0.00001	1.17E-05	3.67E-05
	1,2,3,4,7,8-HxCDF	0	0	0	0.00002	0.00002	0.00004
	1,2,3,6,7,8-HxCDD	0	2.17E-05	0	0.00001	2.83E-05	3.67E-05
	1,2,3,6,7,8-HxCDF	0	0	0	0.00002	0.00002	0.00004
	1,2,3,7,8,9-HxCDD	0	0	0	0.00001	1.17E-05	3.67E-05
	1,2,3,7,8,9-HxCDF	0	0	0	0.00002	0.00002	0.00004
	1,2,3,7,8-PeCDD	0	0	0	0.00004	2.67E-05	0.00005
	1,2,3,7,8-PeCDF	0	0	0	0.00003	2.33E-05	3.33E-05
	1,2,4-Trichlorobenzene	0	0	0	9.6	9.483333	9.566667
	1,2-Diphenylhydrazine	0	0	0	9.6	9.483333	9.566667
	2,3,4,6,7,8-HxCDF	0	0	0	0.00002	0.00002	0.00004
	2,3,4,6-Tetrachlorophenol	0	0	0	385	378.3333	382.3333
	2,3,4,7,8-PeCDF	0	1.67E-05	0	0.00003	3.67E-05	3.33E-05
	2,3,7,8-TCDD	0	6.67E-06	0	0.00004	1.83E-05	0.00003
	2,3,7,8-TCDF	0.00043	0.000742	0.000537	0.00043	0.000742	0.000537
	2,4,5-Trichlorophenol	0	0	0	385	378.3333	382.3333
	2,4,6-Trichlorophenol	0	0	0	385	378.3333	382.3333
	2,4-Dichlorophenol	0	0	0	385	378.3333	382.3333
	2,4-Dimethylphenol	0	0	0	963	945.8333	956
	2,4-Dinitrotoluene	0	0	0	19.2	18.96667	19.1
	2,6-Dinitrotoluene	0	0	0	38.4	37.93333	38.2
	2-Chloronaphthalene	0	0	0	19.2	18.96667	19.1
	2-Chlorophenol	0	0	0	385	378.3333	382.3333
	3,4,5-Trichloroguaiacol	0	0	0	963	945.8333	956
	3,4,6-Trichloroguaiacol	0	0	0	385	378.3333	382.3333
	3,4-Dichloroguaiacol	0	0	0	963	945.8333	956
	4,5,6-Trichloroguaiacol	0	0	0	963	945.8333	956
	4,5-Dichloroguaiacol	0	0	0	963	945.8333	956
	4,6-Dichloroguaiacol	0	0	0	963	945.8333	956
	4-Bromophenyl-Phenylether	0	0	0	9.6	9.483333	9.566667
	4-Chloro-3-methylphenol	0	0	0	385	378.3333	382.3333
	4-Chloroguaiacol	0	0	0	963	945.8333	956
	4-Chlorophenyl-Phenylether	0	0	0	9.6	9.483333	9.566667
	9H-Fluorene	0	0	0	9.6	9.483333	9.566667
	Acenaphthene	0	0	0	19.2	18.96667	19.1
	Acenaphthylene	0	0	0	9.6	9.483333	9.566667
	Aldrin	0	0	0	1.9	1.966667	1.933333
	Alpha-BHC	0	0	0	1.9	1.966667	1.933333
	Alpha-Chlordene	0	0	0	1.9	1.966667	1.933333
	Aluminum	0	316.6667	0	1000	1150	1000
	Anthracene	0	0	0	9.6	9.483333	9.566667
	Antimony	0	0	0	50	50	50
	Arsenic	240	996	857.3333	240	996	857.3333
	Barium	0	0	0	200	200	200

Appendix E-5. Fall chinook tissue samples -site averages (ug/kg) at full detection limits and with the detection limit set to zero.

		Detection Limits					
Station	Chemical	DL=0 Egg	DL=0 Fillet+skin	DL=0 WholeBody	DL=DL Egg	DL=DL Fillet+skin	DL=DL WholeBody
	Benzene, 1,2-dichloro-	0	0	0	9.6	9.483333	9.566667
	Benzene, 1,3-dichloro-	0	0	0	9.6	9.483333	9.566667
	Benzene, 1,4-dichloro-	0	0	0	9.6	9.483333	9.566667
	Benzo(a)anthracene	0	0	0	9.6	9.483333	9.566667
	Benzo(a)pyrene	0	0	0	9.6	9.483333	9.566667
	Benzo(g,h,i)perylene	0	0	0	19.2	18.96667	19.1
	Benzo[b]Fluoranthene	0	0	0	9.6	9.483333	9.566667
	Benzo[k]fluoranthene	0	0	0	9.6	9.483333	9.566667
	Beryllium	0	0	0	4	4	4
	Beta-BHC	0	0	0	1.9	1.966667	1.933333
	bis(2-Chloroisopropyl)ether	0	0	0	19.2	18.96667	19.1
	Cadmium	0	0	5.966667	4	4	5.966667
	Chromium	0	0	0	100	100	100
	Chrysene	0	0	0	9.6	9.483333	9.566667
	cis-Chlordane (alpha-Chlordane)	1.7	0	1.033333	1.7	1.966667	1.7
	cis-Nonachlor	0	0	0.4	1.9	1.966667	1.7
	Cobalt	35	3.416667	125.3333	35	3.416667	125.3333
	Copper	5840	593.3333	5660	5840	593.3333	5660
	DDMU	0	0	0.466667	1.9	1.966667	1.766667
	Delta-BHC	0	0	0	1.9	1.966667	1.933333
	Dibenz[a,h]anthracene	0	0	0	19.2	18.96667	19.1
	Dibenzofuran	0	0	0	9.6	9.483333	9.566667
	Endosulfan Sulfate	0	0	0	1.9	1.966667	1.9
	Fluoranthene	0	0	0	19.2	18.96667	19.1
	Gamma-Chlordane	0	0	0	1.9	1.966667	1.933333
	gamma-Chlordene	0	0	0	1.9	1.966667	1.933333
	Heptachlor	0	0	0	1.9	1.966667	1.933333
	Heptachlor Epoxide	0	0	0	1.9	1.966667	1.9
	Hexachlorobenzene	4.3	2.216667	3.6	4.3	2.216667	3.6
	Hexachlorobutadiene	0	0	0	9.6	9.483333	9.566667
	Hexachloroethane	0	0	0	9.6	9.483333	9.566667
	Indeno(1,2,3-cd)pyrene	0	0	0	19.2	18.96667	19.1
	Lead	0	0	429.3333	10	10	429.3333
	Lindane	0	0	0	1.9	1.966667	1.933333
	Manganese	964	85.83333	344.3333	964	85.83333	344.3333
	Mercury	0	84.16667	66.33333	50	84.16667	99.66667
	Mirex	0	0	0	1.9	1.966667	1.933333
	Naphthalene	0	0	0	44.2	24.35	30.2
	Naphthalene, 1-methyl-	0	0	0	9.6	9.483333	9.766667
	Naphthalene, 2-methyl-	0	0	0	9.6	9.483333	10.83333
	Nickel	54	17.33333	134.6667	54	32.33333	134.6667
	Nitrobenzene	0	0	0	9.6	9.483333	10.66667
	n-Nitrosodiphenylamine	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
	OCDD	0.00028	5.67E-05	0.000183	0.00028	6.33E-05	0.00022
	OCDF	0	0	0	0.00005	4.67E-05	0.00008
	Oxychlordane	0	0	0	1.9	1.966667	1.933333
	PCB 105	0.108	0.215667	0.133667	0.108	0.215667	0.133667

Appendix E-5. Fall chinook tissue samples -site averages (ug/kg) at full detection limits and with the detection limit set to zero.

		Detection Limits					
Station	Chemical	DL=0 Egg	DL=0 Fillet+skin	DL=0 WholeBody	DL=DL Egg	DL=DL Fillet+skin	DL=DL WholeBody
	PCB 114	0.00976	0.018117	0.013533	0.00976	0.018117	0.013533
	PCB 118	0.254	0.478667	0.317667	0.254	0.478667	0.317667
	PCB 123	0.00485	0.008503	0.006463	0.00485	0.008503	0.006463
	PCB 126	0	0.001577	0.00052	0.0005	0.001673	0.0011
	PCB 156	0.0123	0.040433	0.0233	0.0123	0.040433	0.0233
	PCB 157	0.00431	0.01172	0.006677	0.00431	0.01172	0.006677
	PCB 167	0.00993	0.023733	0.0148	0.00993	0.023733	0.0148
	PCB 169	0	0	0	0.001	0.001	0.001
	PCB 170	0.0294	0.093083	0.047033	0.0294	0.093083	0.047033
	PCB 180	0.0947	0.309	0.158333	0.0947	0.309	0.158333
	PCB 189	0	0.00386	0.00114	0.001	0.00386	0.001473
	Pentachloroanisol	0	0	0	1.9	1.966667	1.933333
	Pentachlorophenol	0	0	0	385	378.3333	382.3333
	Phenanthrene	0	0	0	9.6	9.483333	9.566667
	Phenol	0	0	0	385	378.3333	382.3333
	Pyrene	0	0	0	19.2	18.96667	19.1
	Retene	0	0	0	19.2	18.96667	19.1
	Selenium	2440	345	497	2440	345	497
	Silver	0	0	0	100	100	100
	Tetrachloroguaiacol	0	0	0	385	378.3333	382.3333
	Thallium	0	0	0	50	50	50
	Toxaphene	0	0	0	58	58.83333	58.33333
	trans-Nonachlor	2.9	3.933333	3.233333	2.9	3.933333	3.233333
	Vanadium	19	0	17.33333	19	10	17.33333
	Zinc	35600	6106.667	30000	35600	6106.667	30000
	PCB 077	0.00464	0.005877	0.00634	0.00464	0.005877	0.00634
	Aroclor 1016	0	0	0	19	19.66667	19.33333
	Aroclor 1221	0	0	0	19	19.66667	19.33333
	Aroclor 1232	0	0	0	19	19.66667	19.33333
	Aroclor 1242	0	0	0	19	19.66667	19.33333
	Aroclor 1248	0	0	0	19	19.66667	19.33333
	Aroclor 1254	12	17.33333	15.66667	12	17.33333	15.66667
	Aroclor 1260	0	0	0	19	19.66667	19.33333
	DDD-o,p'	0	0	0	1.9	1.966667	1.933333
	DDE-o,p'	0	0	0	1.9	1.966667	1.933333
	DDT-o,p'	0	0	0	1.9	1.966667	1.933333
	DDD-p,p'	3.7	2.916667	2.9	3.7	2.916667	2.9
	DDE-p,p'	6.6	11.23333	6.533333	6.6	11.23333	6.533333
	DDT-p,p'	0	0.666667	0	1.9	1.966667	1.933333
Sta. 14	1,2,3,4,6,7,8-HpCDD		4.67E-05	3.67E-05		4.67E-05	4.33E-05
	1,2,3,4,6,7,8-HpCDF		0	0		0.00002	1.33E-05
	1,2,3,4,7,8,9-HpCDF		0	0		0.00002	1.33E-05
	1,2,3,4,7,8-HxCDD		0	0		3.33E-05	0.00002
	1,2,3,4,7,8-HxCDF		0	0		2.67E-05	1.67E-05
	1,2,3,6,7,8-HxCDD		0	0		3.33E-05	0.00002
	1,2,3,6,7,8-HxCDF		0	0		2.67E-05	1.67E-05
	1,2,3,7,8,9-HxCDD		0	0		3.33E-05	0.00002

Appendix E-5. Fall chinook tissue samples -site averages (ug/kg) at full detection limits and with the detection limit set to zero.

		Detection Limits					
Station	Chemical	DL=0 Egg	DL=0 Fillet+skin	DL=0 WholeBody	DL=DL Egg	DL=DL Fillet+skin	DL=DL WholeBody
	1,2,3,7,8,9-HxCDF		0	0		2.67E-05	1.67E-05
	1,2,3,7,8-PeCDD		0	0		0.00003	2.67E-05
	1,2,3,7,8-PeCDF		2.67E-05	0		3.67E-05	2.33E-05
	1,2,4-Trichlorobenzene		0	0		9.6	9.533333
	1,2-Diphenylhydrazine		0	0		9.6	9.533333
	2,3,4,6,7,8-HxCDF		0	0		2.67E-05	1.67E-05
	2,3,4,6-Tetrachlorophenol		0	0		383.3333	381.6667
	2,3,4,7,8-PeCDF		5.33E-05	9.33E-05		6.33E-05	0.000103
	2,3,7,8-TCDD		0	0		2.67E-05	2.33E-05
	2,3,7,8-TCDF		0.001053	0.000963		0.001053	0.000963
	2,4,5-Trichlorophenol		0	0		383.3333	381.6667
	2,4,6-Trichlorophenol		0	0		383.3333	381.6667
	2,4-Dichlorophenol		0	0		383.3333	381.6667
	2,4-Dimethylphenol		0	0		958.6667	953
	2,4-Dinitrotoluene		0	0		153.3333	19.06667
	2,6-Dinitrotoluene		0	0		38.33333	38.13333
	2-Chloronaphthalene		0	0		19.2	19.06667
	2-Chlorophenol		0	0		383.3333	381.6667
	3,4,5-Trichloroguaiacol		0	0		958.6667	953
	3,4,6-Trichloroguaiacol		0	0		383.3333	381.6667
	3,4-Dichloroguaiacol		0	0		958.6667	953
	4,5,6-Trichloroguaiacol		0	0		958.6667	953
	4,5-Dichloroguaiacol		0	0		958.6667	953
	4,6-Dichloroguaiacol		0	0		958.6667	953
	4-Bromophenyl-Phenylether		0	0		9.6	9.533333
	4-Chloro-3-methylphenol		0	0		383.3333	381.6667
	4-Chloroguaiacol		0	0		958.6667	953
	4-Chlorophenyl-Phenylether		0	0		9.6	9.533333
	9H-Fluorene		0	0		9.6	9.533333
	Acenaphthene		0	0		19.2	19.06667
	Acenaphthylene		0	0		9.6	9.533333
	Aldrin		0	0		2	1.966667
	Alpha-BHC		0	0		2	1.966667
	Alpha-Chlordene		0	0		2	1.966667
	Aluminum		366.6667	0		1033.333	1000
	Anthracene		0	0		9.6	9.533333
	Antimony		0	0		50	50
	Arsenic		762	929.6667		762	929.6667
	Barium		0	0		200	200
	Benzene, 1,2-dichloro-		0	0		9.6	9.533333
	Benzene, 1,3-dichloro-		0	0		9.6	9.533333
	Benzene, 1,4-dichloro-		0	0		9.6	9.533333
	Benzo(a)anthracene		0	0		9.6	9.533333
	Benzo(a)pyrene		0	0		9.6	9.533333
	Benzo(g,h,i)perylene		0	0		19.2	19.06667
	Benzo[b]Fluoranthene		0	0		9.6	9.533333
	Benzo[k]fluoranthene		0	0		9.6	9.533333

Appendix E-5. Fall chinook tissue samples -site averages (ug/kg) at full detection limits and with the detection limit set to zero.

		Detection Limits					
Station	Chemical	DL=0 Egg	DL=0 Fillet+skin	DL=0 WholeBody	DL=DL Egg	DL=DL Fillet+skin	DL=DL WholeBody
	Beryllium		0	0		4	4
	Beta-BHC		0	0		2	1.966667
	bis(2-Chloroisopropyl)ether		0	0		19.2	19.06667
	Cadmium		0	7.333333		4	7.333333
	Chromium		0	96.66667		100	130
	Chrysene		0	0		9.6	9.533333
	cis-Chlordane (alpha-Chlordane)		0	1		2	1.666667
	cis-Nonachlor		0	0		2	1.966667
	Cobalt		3.366667	147.6667		3.366667	147.6667
	Copper		616	6093.333		616	6093.333
	DDMU		0	0		2	1.966667
	Delta-BHC		0	0		2	1.966667
	Dibenz[a,h]anthracene		0	0		19.2	19.06667
	Dibenzofuran		0	0		9.6	9.533333
	Endosulfan Sulfate		#DIV/0!	0		#DIV/0!	1.966667
	Fluoranthene		0	0		19.2	19.06667
	Gamma-Chlordane		0	0		2	1.966667
	gamma-Chlordene		0	0		2	1.966667
	Heptachlor		0	0		2	1.966667
	Heptachlor Epoxide		0	0		2	1.966667
	Hexachlorobenzene		2.233333	2.5		2.233333	2.5
	Hexachlorobutadiene		0	0		9.6	9.533333
	Hexachloroethane		0	0		9.6	9.533333
	Indeno(1,2,3-cd)pyrene		0	0		19.2	19.06667
	Lead		0	455.3333		10	455.3333
	Lindane		0	0		2	1.966667
	Manganese		75.66667	277.3333		75.66667	277.3333
	Mercury		111.3333	96.33333		111.3333	96.33333
	Mirex		0	0		2	1.966667
	Naphthalene		0	0		19.46667	19.96667
	Naphthalene, 1-methyl-		0	0		9.6	9.533333
	Naphthalene, 2-methyl-		0	0		9.6	9.533333
	Nickel		106.6667	144		126.6667	144
	Nitrobenzene		0	0		9.6	9.533333
	n-Nitrosodiphenylamine		#DIV/0!	#DIV/0!		#DIV/0!	#DIV/0!
	OCDD		0.00005	0		6.33E-05	3.33E-05
	OCDF		0	0		3.33E-05	4.33E-05
	Oxychlordane		0	0		2	1.966667
	PCB 105		0.514	0.544333		0.514	0.544333
	PCB 114		0.036267	0.041567		0.036267	0.041567
	PCB 118		1.055333	1.092667		1.055333	1.092667
	PCB 123		0.013867	0.013667		0.013867	0.013667
	PCB 126		0.002273	0.00275		0.00244	0.00275
	PCB 156		0.063267	0.078867		0.063267	0.078867
	PCB 157		0.015033	0.018733		0.015033	0.018733
	PCB 167		0.0312	0.033367		0.0312	0.033367
	PCB 169		0	0		0.001	0.001

Appendix E-5. Fall chinook tissue samples -site averages (ug/kg) at full detection limits and with the detection limit set to zero.

		Detection Limits					
Station	Chemical	DL=0 Egg	DL=0 Fillet+skin	DL=0 WholeBody	DL=DL Egg	DL=DL Fillet+skin	DL=DL WholeBody
	PCB 170		0.072267	0.0909		0.072267	0.0909
	PCB 180		0.226333	0.275667		0.226333	0.275667
	PCB 189		0.0027	0.002417		0.0027	0.00275
	Pentachloroanisol		0	0		2	1.966667
	Pentachlorophenol		0	0		383.3333	381.6667
	Phenanthrene		0	0		9.6	9.533333
	Phenol		0	0		383.3333	381.6667
	Pyrene		0	0		19.2	19.06667
	Retene		0	0		19.2	19.06667
	Selenium		296.6667	308		296.6667	474.6667
	Silver		0	0		100	100
	Tetrachloroguaiacol		0	0		383.3333	381.6667
	Thallium		0	0		50	50
	Toxaphene		0	0		59.33333	59.33333
	trans-Nonachlor		3.166667	3.1		3.166667	3.1
	Vanadium		0	23		10	23
	Zinc		6453.333	25900		6453.333	25900
	PCB 077		0.0442	0.041867		0.0442	0.041867
	Aroclor 1016		0	0		20	19.66667
	Aroclor 1221		0	0		20	19.66667
	Aroclor 1232		0	0		20	19.66667
	Aroclor 1242		0	0		20	19.66667
	Aroclor 1248		0	0		20	19.66667
	Aroclor 1254		28.66667	25.66667		28.66667	25.66667
	Aroclor 1260		0	0		20	19.66667
	DDD-o,p'		0	1.186667		2	1.186667
	DDE-o,p'		0	0		2	1.966667
	DDT-o,p'		0	0		2	1.966667
	DDD-p,p'		4.2	5.533333		4.2	5.533333
	DDE-p,p'		9.533333	10.23333		9.533333	10.23333
	DDT-p,p'		2	0		2.666667	1.966667
Sta. 30	1,2,3,4,6,7,8-HpCDD		3.33E-05	0.00008		3.67E-05	8.33E-05
	1,2,3,4,6,7,8-HpCDF		0	0		0.00001	0.00001
	1,2,3,4,7,8,9-HpCDF		0	0		0.00001	0.00001
	1,2,3,4,7,8-HxCDD		0	0		0.00001	1.33E-05
	1,2,3,4,7,8-HxCDF		0	0		1.33E-05	0.00001
	1,2,3,6,7,8-HxCDD		6.67E-06	0.00002		1.33E-05	0.00003
	1,2,3,6,7,8-HxCDF		0	0		1.33E-05	0.00001
	1,2,3,7,8,9-HxCDD		1.67E-05	0		0.00002	1.33E-05
	1,2,3,7,8,9-HxCDF		0	0		1.33E-05	0.00001
	1,2,3,7,8-PeCDD		0.00002	0		3.33E-05	0.00001
	1,2,3,7,8-PeCDF		0	0		0.00001	0.00002
	1,2,4-Trichlorobenzene		0	0		9.233333	9.1
	1,2-Diphenylhydrazine		0	0		9.233333	9.1
	2,3,4,6,7,8-HxCDF		0	0		1.33E-05	0.00001
	2,3,4,6-Tetrachlorophenol		0	0		368.6667	365
	2,3,4,7,8-PeCDF		6.33E-05	3.33E-05		6.67E-05	4.67E-05

Appendix E-5. Fall chinook tissue samples -site averages (ug/kg) at full detection limits and with the detection limit set to zero.

		Detection Limits					
Station	Chemical	DL=0 Egg	DL=0 Fillet+skin	DL=0 WholeBody	DL=DL Egg	DL=DL Fillet+skin	DL=DL WholeBody
	2,3,7,8-TCDD		6.67E-06	1.33E-05		1.67E-05	2.33E-05
	2,3,7,8-TCDF		0.000433	0.000893		0.000443	0.000893
	2,4,5-Trichlorophenol		0	0		368.6667	365
	2,4,6-Trichlorophenol		0	0		368.6667	365
	2,4-Dichlorophenol		0	0		368.6667	365
	2,4-Dimethylphenol		0	0		922.3333	912.6667
	2,4-Dinitrotoluene		0	0		147.3333	146.3333
	2,6-Dinitrotoluene		0	0		36.86667	36.5
	2-Chloronaphthalene		0	0		18.43333	18.26667
	2-Chlorophenol		0	0		368.6667	365
	3,4,5-Trichloroguaiacol		0	0		922.3333	912.6667
	3,4,6-Trichloroguaiacol		0	0		368.6667	365
	3,4-Dichloroguaiacol		0	0		922.3333	912.6667
	4,5,6-Trichloroguaiacol		0	0		922.3333	912.6667
	4,5-Dichloroguaiacol		0	0		922.3333	912.6667
	4,6-Dichloroguaiacol		0	0		922.3333	912.6667
	4-Bromophenyl-Phenylether		0	0		9.233333	9.1
	4-Chloro-3-methylphenol		0	0		368.6667	365
	4-Chloroguaiacol		0	0		922.3333	912.6667
	4-Chlorophenyl-Phenylether		0	0		9.233333	9.1
	9H-Fluorene		0	0		9.233333	9.1
	Acenaphthene		0	0		18.43333	18.26667
	Acenaphthylene		0	0		9.233333	9.1
	Aldrin		0	0		1.933333	1.966667
	Alpha-BHC		0	0		1.933333	1.966667
	Alpha-Chlordene		0	0		1.933333	1.966667
	Aluminum		0	0		1000	1000
	Anthracene		0	0		9.233333	9.1
	Antimony		0	0		50	50
	Arsenic		563	710.3333		563	710.3333
	Barium		0	0		200	200
	Benzene, 1,2-dichloro-		0	0		9.233333	9.1
	Benzene, 1,3-dichloro-		0	0		9.233333	9.1
	Benzene, 1,4-dichloro-		0	0		9.233333	9.1
	Benzo(a)anthracene		0	0		9.233333	9.1
	Benzo(a)pyrene		0	0		9.233333	9.1
	Benzo(g,h,i)perylene		0	0		18.43333	18.26667
	Benzo[b]Fluoranthene		0	0		9.233333	9.1
	Benzo[k]fluoranthene		0	0		9.233333	9.1
	Beryllium		0	0		4	4
	Beta-BHC		0	0		1.933333	1.966667
	bis(2-Chloroisopropyl)ether		0	0		18.43333	18.26667
	Cadmium		0	4.966667		4	4.966667
	Chromium		0	103.3333		100	136.6667
	Chrysene		0	0		9.233333	9.1
	cis-Chlordane (alpha-Chlordane)		0	0.766667		1.933333	2.066667
	cis-Nonachlor		0	0.433333		1.933333	1.733333

Appendix E-5. Fall chinook tissue samples -site averages (ug/kg) at full detection limits and with the detection limit set to zero.

		Detection Limits					
Station	Chemical	DL=0 Egg	DL=0 Fillet+skin	DL=0 WholeBody	DL=DL Egg	DL=DL Fillet+skin	DL=DL WholeBody
	Cobalt		56.33333	153.6667		56.33333	153.6667
	Copper		628.6667	1200		628.6667	1200
	DDMU		0	0.8		1.933333	2.1
	Delta-BHC		0	0		1.933333	1.966667
	Dibenz[a,h]anthracene		0	0		18.43333	18.26667
	Dibenzofuran		0	0		9.233333	9.1
	Endosulfan Sulfate		#DIV/0!	#DIV/0!		#DIV/0!	#DIV/0!
	Fluoranthene		0	0		18.43333	18.26667
	Gamma-Chlordane		0	0		1.933333	1.966667
	gamma-Chlordene		0	0		1.933333	1.966667
	Heptachlor		0	0		1.933333	1.966667
	Heptachlor Epoxide		0	0		1.933333	1.966667
	Hexachlorobenzene		1.466667	3.333333		1.466667	3.333333
	Hexachlorobutadiene		0	0		9.233333	9.1
	Hexachloroethane		0	0		9.233333	9.1
	Indeno(1,2,3-cd)pyrene		0	0		18.43333	18.26667
	Lead		12.33333	12.66667		12.33333	12.66667
	Lindane		0	0		1.933333	1.966667
	Manganese		91.33333	324.6667		91.33333	324.6667
	Mercury		79.33333	65.66667		79.33333	82.33333
	Mirex		0	0		1.933333	1.966667
	Naphthalene		0	0		16.13333	21.13333
	Naphthalene, 1-methyl-		0	0		9.233333	9.1
	Naphthalene, 2-methyl-		0	0		9.233333	9.1
	Nickel		86	98		96	98
	Nitrobenzene		0	0		9.233333	9.1
	n-Nitrosodiphenylamine		#DIV/0!	#DIV/0!		#DIV/0!	#DIV/0!
	OCDD		0.00017	0		0.000173	1.67E-05
	OCDF		0	0		2.67E-05	0.00003
	Oxychlordane		0	0		1.933333	1.966667
	PCB 105		0.151367	0.334333		0.151367	0.334333
	PCB 114		0.015093	0.0287		0.015093	0.0287
	PCB 118		0.345333	0.745		0.345333	0.745
	PCB 123		0.006017	0.008883		0.006017	0.008883
	PCB 126		0.00085	0.002333		0.001017	0.0025
	PCB 156		0.0289	0.084533		0.0289	0.084533
	PCB 157		0.008437	0.020443		0.008437	0.020443
	PCB 167		0.0173	0.038133		0.0173	0.038133
	PCB 169		0	0		0.001	0.00107
	PCB 170		0.0738	0.1644		0.0738	0.1644
	PCB 180		0.232667	0.526		0.232667	0.526
	PCB 189		0.002267	0.00643		0.0026	0.00643
	Pentachloroanisol		0	0		1.933333	1.966667
	Pentachlorophenol		0	0		368.6667	365
	Phenanthrene		0	0		9.233333	9.1
	Phenol		0	0		368.6667	365
	Pyrene		0	0		18.43333	18.26667

Appendix E-5. Fall chinook tissue samples -site averages (ug/kg) at full detection limits and with the detection limit set to zero.

		Detection Limits					
Station	Chemical	DL=0 Egg	DL=0 Fillet+skin	DL=0 WholeBody	DL=DL Egg	DL=DL Fillet+skin	DL=DL WholeBody
	Retene		0	0		18.43333	18.26667
	Selenium		280	473		280	473
	Silver		0	0		100	100
	Tetrachloroguaiacol		0	0		368.6667	365
	Thallium		0	0		50	50
	Toxaphene		0	0		57.66667	58.66667
	trans-Nonachlor		1.8	4.333333		2.433333	4.333333
	Vanadium		3.666667	32.66667		10.33333	32.66667
	Zinc		6863.333	28333.33		6863.333	28333.33
	PCB 077		0.005773	0.011483		0.005773	0.011483
	Aroclor 1016		0	0		19.33333	19.66667
	Aroclor 1221		0	0		19.33333	19.66667
	Aroclor 1232		0	0		19.33333	19.66667
	Aroclor 1242		0	0		19.33333	19.66667
	Aroclor 1248		0	0		19.33333	19.66667
	Aroclor 1254		12.2	26		12.2	26
	Aroclor 1260		0	0		19.33333	19.66667
	DDD-o,p'		0	0.4		1.933333	1.7
	DDE-o,p'		0	0		1.933333	1.966667
	DDT-o,p'		0	0		1.933333	1.966667
	DDD-p,p'		2.733333	2.166667		2.733333	2.166667
	DDE-p,p'		8.233333	25.8		8.233333	25.8
	DDT-p,p'		1.866667	2.233333		2.5	2.9
Sta. 48	1,2,3,4,6,7,8-HpCDD		0.00006	7.67E-05		0.000085	8.67E-05
	1,2,3,4,6,7,8-HpCDF		0	0.00004		3.33E-05	5.67E-05
	1,2,3,4,7,8,9-HpCDF		0	0		3.33E-05	2.33E-05
	1,2,3,4,7,8-HxCDD		0	0		4.83E-05	2.67E-05
	1,2,3,4,7,8-HxCDF		0	0		4.67E-05	2.33E-05
	1,2,3,6,7,8-HxCDD		0	4.33E-05		4.83E-05	0.00005
	1,2,3,6,7,8-HxCDF		0	0		4.67E-05	2.33E-05
	1,2,3,7,8,9-HxCDD		0	0		4.83E-05	2.67E-05
	1,2,3,7,8,9-HxCDF		0	0		4.67E-05	2.33E-05
	1,2,3,7,8-PeCDD		3.67E-05	5.67E-05		7.67E-05	7.33E-05
	1,2,3,7,8-PeCDF		0	0		3.67E-05	3.33E-05
	1,2,4-Trichlorobenzene		0	0		9.433333	9.233333
	1,2-Diphenylhydrazine		0	0		9.433333	9.233333
	2,3,4,6,7,8-HxCDF		0	0		4.67E-05	2.33E-05
	2,3,4,6-Tetrachlorophenol		0	0		378.1667	367.6667
	2,3,4,7,8-PeCDF		0	0		3.67E-05	3.33E-05
	2,3,7,8-TCDD		0	0		0.00004	0.00004
	2,3,7,8-TCDF		0.000603	0.00088		0.000603	0.00088
	2,4,5-Trichlorophenol		0	0		378.1667	367.6667
	2,4,6-Trichlorophenol		0	0		378.1667	367.6667
	2,4-Dichlorophenol		0	0		378.1667	367.6667
	2,4-Dimethylphenol		0	0		944.6667	920
	2,4-Dinitrotoluene		0	0		151.3333	147.3333
	2,6-Dinitrotoluene		0	0		37.81667	36.76667

Appendix E-5. Fall chinook tissue samples -site averages (ug/kg) at full detection limits and with the detection limit set to zero.

		Detection Limits					
		DL=0	DL=0	DL=0	DL=DL	DL=DL	DL=DL
Station	Chemical	Egg	Fillet+skin	WholeBody	Egg	Fillet+skin	WholeBody
	2-Chloronaphthalene		0	0		18.9	18.4
	2-Chlorophenol		0	0		378.1667	367.6667
	3,4,5-Trichloroguaiacol		0	0		944.6667	920
	3,4,6-Trichloroguaiacol		0	0		378.1667	367.6667
	3,4-Dichloroguaiacol		0	0		944.6667	920
	4,5,6-Trichloroguaiacol		0	0		944.6667	920
	4,5-Dichloroguaiacol		0	0		944.6667	920
	4,6-Dichloroguaiacol		0	0		944.6667	920
	4-Bromophenyl-Phenylether		0	0		9.433333	9.233333
	4-Chloro-3-methylphenol		0	0		378.1667	367.6667
	4-Chloroguaiacol		0	0		944.6667	920
	4-Chlorophenyl-Phenylether		0	0		9.433333	9.233333
	9H-Fluorene		0	0		9.433333	9.233333
	Acenaphthene		0	0		18.9	18.4
	Acenaphthylene		0	0		9.433333	9.233333
	Aldrin		0	0		1.983333	1.9
	Alpha-BHC		0	0		1.983333	1.9
	Alpha-Chlordene		0	0		1.983333	1.9
	Aluminum		0	210		1000	876.6667
	Anthracene		0	0		9.433333	9.233333
	Antimony		0	0		50	50
	Arsenic		813.5	822.3333		813.5	822.3333
	Barium		226.6667	83.33333		293.3333	216.6667
	Benzene, 1,2-dichloro-		0	0		9.433333	9.233333
	Benzene, 1,3-dichloro-		0	0		9.433333	9.233333
	Benzene, 1,4-dichloro-		0	0		9.433333	9.233333
	Benzo(a)anthracene		0	0		9.433333	9.233333
	Benzo(a)pyrene		0	0		9.433333	9.233333
	Benzo(g,h,i)perylene		0	0		18.9	18.4
	Benzo[b]Fluoranthene		0	0		9.433333	9.233333
	Benzo[k]fluoranthene		0	0		9.433333	9.233333
	Beryllium		0	0		4	4
	Beta-BHC		0	0		1.983333	1.9
	bis(2-Chloroisopropyl)ether		0	0		18.9	18.4
	Cadmium		0	6.033333		4	6.033333
	Chromium		140	83.33333		173.3333	116.6667
	Chrysene		0	0		9.433333	9.233333
	cis-Chlordane (alpha-Chlordane)		0	0		1.983333	1.9
	cis-Nonachlor		0	0		1.983333	1.9
	Cobalt		166.8333	132.6667		166.8333	132.6667
	Copper		730.3333	1940		730.3333	1940
	DDMU		0	0		1.983333	1.9
	Delta-BHC		0	0		1.983333	1.9
	Dibenz[a,h]anthracene		0	0		18.9	18.4
	Dibenzofuran		0	0		9.433333	9.233333
	Endosulfan Sulfate		#DIV/0!	#DIV/0!		#DIV/0!	#DIV/0!
	Fluoranthene		0	0		18.9	18.4

Appendix E-5. Fall chinook tissue samples -site averages (ug/kg) at full detection limits and with the detection limit set to zero.

		Detection Limits					
Station	Chemical	DL=0 Egg	DL=0 Fillet+skin	DL=0 WholeBody	DL=DL Egg	DL=DL Fillet+skin	DL=DL WholeBody
	Gamma-Chlordane		0	0		1.983333	1.9
	gamma-Chlordene		0	0		1.983333	1.9
	Heptachlor		0	0		1.983333	1.9
	Heptachlor Epoxide		0	0		1.983333	1.9
	Hexachlorobenzene		1.816667	2.766667		1.816667	2.766667
	Hexachlorobutadiene		0	0		9.433333	9.233333
	Hexachloroethane		0	0		9.433333	9.233333
	Indeno(1,2,3-cd)pyrene		0	0		18.9	18.4
	Lead		3.666667	83.66667		10.33333	83.66667
	Lindane		0	0		1.983333	1.9
	Manganese		101.6667	311.6667		101.6667	311.6667
	Mercury		85.16667	83.33333		85.16667	100
	Mirex		0	0		1.983333	1.9
	Naphthalene		0	0		18.35	20.2
	Naphthalene, 1-methyl-		0	0		9.433333	9.233333
	Naphthalene, 2-methyl-		0	0		9.433333	9.233333
	Nickel		115.5	139.3333		115.5	139.3333
	Nitrobenzene		0	0		9.433333	9.233333
	n-Nitrosodiphenylamine		#DIV/0!	#DIV/0!		#DIV/0!	#DIV/0!
	OCDD		0.000185	0.000297		0.00024	0.00031
	OCDF		0	0		0.000112	7.33E-05
	Oxychlordane		0	0		1.983333	1.9
	PCB 105		0.2015	0.251		0.2015	0.251
	PCB 114		0.018633	0.022467		0.018633	0.022467
	PCB 118		0.455	0.556		0.455	0.556
	PCB 123		0.00656	0.008963		0.00656	0.008963
	PCB 126		0.001813	0.001617		0.001813	0.001837
	PCB 156		0.046033	0.054133		0.046033	0.054133
	PCB 157		0.011433	0.015133		0.011433	0.015133
	PCB 167		0.02495	0.028267		0.02495	0.028267
	PCB 169		0	0		0.001	0.001
	PCB 170		0.107167	0.116633		0.107167	0.116633
	PCB 180		0.347833	0.369		0.347833	0.369
	PCB 189		0.00414	0.00341		0.00414	0.003743
	Pentachloroanisol		0	0		1.983333	1.9
	Pentachlorophenol		0	0		378.1667	367.6667
	Phenanthrene		0	0		9.433333	9.866667
	Phenol		0	0		402.1667	367.6667
	Pyrene		0	0		18.9	18.4
	Retene		0	0		18.9	18.4
	Selenium		358.3333	478.6667		358.3333	478.6667
	Silver		0	0		100	100
	Tetrachloroguaiacol		0	0		378.1667	367.6667
	Thallium		0	0		50	50
	Toxaphene		0	0		59.16667	57
	trans-Nonachlor		2.433333	3.7		2.433333	3.7
	Vanadium		2	24.66667		10.33333	24.66667

Appendix E-5. Fall chinook tissue samples -site averages (ug/kg) at full detection limits and with the detection limit set to zero.

		Detection Limits					
Station	Chemical	DL=0 Egg	DL=0 Fillet+skin	DL=0 WholeBody	DL=DL Egg	DL=DL Fillet+skin	DL=DL WholeBody
	Zinc		7980	23233.33		7980	23233.33
	PCB 077		0.00781	0.009377		0.00781	0.009377
	Aroclor 1016		0	0		19.83333	19
	Aroclor 1221		0	0		19.83333	19
	Aroclor 1232		0	0		19.83333	19
	Aroclor 1242		0	0		19.83333	19
	Aroclor 1248		0	0		19.83333	19
	Aroclor 1254		14.83333	18.66667		14.83333	18.66667
	Aroclor 1260		0	0		19.83333	19
	DDD-o,p'		0	0		1.983333	1.9
	DDE-o,p'		0	0		1.983333	1.9
	DDT-o,p'		0	0		1.983333	1.9
	DDD-p,p'		3.866667	6.766667		4.533333	6.766667
	DDE-p,p'		23.83333	26.33333		23.83333	26.33333
	DDT-p,p'		5.15	6.966667		5.15	6.966667
Sta. 54	1,2,3,4,6,7,8-HpCDD		1.67E-05	0		0.00003	0.00004
	1,2,3,4,6,7,8-HpCDF		0	0		1.67E-05	1.67E-05
	1,2,3,4,7,8,9-HpCDF		0	0		1.67E-05	1.67E-05
	1,2,3,4,7,8-HxCDD		0	0		1.67E-05	1.67E-05
	1,2,3,4,7,8-HxCDF		0	0		0.00002	0.00002
	1,2,3,6,7,8-HxCDD		0	6.67E-06		1.67E-05	1.67E-05
	1,2,3,6,7,8-HxCDF		0	0		0.00002	0.00002
	1,2,3,7,8,9-HxCDD		0	0		1.67E-05	1.67E-05
	1,2,3,7,8,9-HxCDF		0	0		0.00002	0.00002
	1,2,3,7,8-PeCDD		0	0		0.00004	3.67E-05
	1,2,3,7,8-PeCDF		0	1.33E-05		2.33E-05	2.67E-05
	1,2,4-Trichlorobenzene		0	0		9.6	9.666667
	1,2-Diphenylhydrazine		0	0		9.6	9.666667
	2,3,4,6,7,8-HxCDF		0	0		0.00002	0.00002
	2,3,4,6-Tetrachlorophenol		0	0		384.3333	387.3333
	2,3,4,7,8-PeCDF		1.67E-05	4.67E-05		3.33E-05	5.67E-05
	2,3,7,8-TCDD		0	0		0.00003	2.33E-05
	2,3,7,8-TCDF		0.000567	0.000507		0.000567	0.000507
	2,4,5-Trichlorophenol		0	0		384.3333	387.3333
	2,4,6-Trichlorophenol		0	0		384.3333	387.3333
	2,4-Dichlorophenol		0	0		384.3333	387.3333
	2,4-Dimethylphenol		0	0		961	968.3333
	2,4-Dinitrotoluene		0	0		19.23333	19.33333
	2,6-Dinitrotoluene		0	0		38.43333	38.73333
	2-Chloronaphthalene		0	0		19.23333	19.33333
	2-Chlorophenol		0	0		384.3333	387.3333
	3,4,5-Trichloroguaiacol		0	0		961	968.3333
	3,4,6-Trichloroguaiacol		0	0		384.3333	387.3333
	3,4-Dichloroguaiacol		0	0		961	968.3333
	4,5,6-Trichloroguaiacol		0	0		961	968.3333
	4,5-Dichloroguaiacol		0	0		961	968.3333
	4,6-Dichloroguaiacol		0	0		961	968.3333

Appendix E-5. Fall chinook tissue samples -site averages (ug/kg) at full detection limits and with the detection limit set to zero.

		Detection Limits					
Station	Chemical	DL=0 Egg	DL=0 Fillet+skin	DL=0 WholeBody	DL=DL Egg	DL=DL Fillet+skin	DL=DL WholeBody
	4-Bromophenyl-Phenylether		0	0		9.6	9.666667
	4-Chloro-3-methylphenol		0	0		384.3333	387.3333
	4-Chloroguaiacol		0	0		961	968.3333
	4-Chlorophenyl-Phenylether		0	0		9.6	9.666667
	9H-Fluorene		0	0		9.6	9.666667
	Acenaphthene		0	0		19.23333	19.33333
	Acenaphthylene		0	0		9.6	9.666667
	Aldrin		0	0		1.966667	2
	Alpha-BHC		0	0		1.966667	2
	Alpha-Chlordene		0	0		1.966667	2
	Aluminum		400	0		1066.667	1000
	Anthracene		0	0		9.6	9.666667
	Antimony		0	0		50	50
	Arsenic		916.6667	956.3333		916.6667	956.3333
	Barium		0	0		200	200
	Benzene, 1,2-dichloro-		0	0		9.6	9.666667
	Benzene, 1,3-dichloro-		0	0		9.6	9.666667
	Benzene, 1,4-dichloro-		0	0		9.6	9.666667
	Benzo(a)anthracene		0	0		9.6	9.666667
	Benzo(a)pyrene		0	0		9.6	9.666667
	Benzo(g,h,i)perylene		0	0		19.23333	19.33333
	Benzo[b]Fluoranthene		0	0		9.6	9.666667
	Benzo[k]fluoranthene		0	0		9.6	9.666667
	Beryllium		0	0		4	4
	Beta-BHC		0	0		1.966667	2
	bis(2-Chloroisopropyl)ether		0	0		19.23333	19.33333
	Cadmium		0	6.066667		4	6.066667
	Chromium		0	136.6667		100	136.6667
	Chrysene		0	0		9.6	9.666667
	cis-Chlordane (alpha-Chlordane)		0.966667	0.966667		1.633333	1.633333
	cis-Nonachlor		0.4	0		1.733333	2
	Cobalt		3.4	121.3333		3.4	121.3333
	Copper		645.3333	2283.333		645.3333	2283.333
	DDMU		0.866667	0		1.533333	2
	Delta-BHC		0	0		1.966667	2
	Dibenz[a,h]anthracene		0	0		19.23333	19.33333
	Dibenzofuran		0	0		9.6	9.666667
	Endosulfan Sulfate		#DIV/0!	#DIV/0!		#DIV/0!	#DIV/0!
	Fluoranthene		0	0		19.23333	19.33333
	Gamma-Chlordane		0	0		1.966667	2
	gamma-Chlordene		0	0		1.966667	2
	Heptachlor		0	0		1.966667	2
	Heptachlor Epoxide		#DIV/0!	#DIV/0!		#DIV/0!	#DIV/0!
	Hexachlorobenzene		2.633333	3		2.633333	3
	Hexachlorobutadiene		0	0		9.6	9.666667
	Hexachloroethane		0	0		9.6	9.666667
	Indeno(1,2,3-cd)pyrene		0	0		19.23333	19.33333

Appendix E-5. Fall chinook tissue samples -site averages (ug/kg) at full detection limits and with the detection limit set to zero.

		Detection Limits					
Station	Chemical	DL=0 Egg	DL=0 Fillet+skin	DL=0 WholeBody	DL=DL Egg	DL=DL Fillet+skin	DL=DL WholeBody
	Lead		0	115.3333		10	115.3333
	Lindane		0	0		1.966667	2
	Manganese		82.33333	338.3333		82.33333	338.3333
	Mercury		49.66667	22		66.33333	55.33333
	Mirex		0	0		1.966667	2
	Naphthalene		0	0		32.2	32.9
	Naphthalene, 1-methyl-		0	0		9.866667	9.666667
	Naphthalene, 2-methyl-		0	0		14.33333	9.666667
	Nickel		17	143.3333		37	143.3333
	Nitrobenzene		0	0		9.6	9.666667
	n-Nitrosodiphenylamine		#DIV/0!	#DIV/0!		#DIV/0!	#DIV/0!
	OCDD		3.67E-05	0		5.33E-05	0.00004
	OCDF		4.33E-05	0		6.67E-05	0.00007
	Oxychlordane		0	0		1.966667	2
	PCB 105		0.142	0.140333		0.142	0.140333
	PCB 114		0.012833	0.013833		0.012833	0.013833
	PCB 118		0.339667	0.331		0.339667	0.331
	PCB 123		0.006037	0.00623		0.006037	0.00623
	PCB 126		0	0.000167		0.000543	0.000537
	PCB 156		0.023267	0.03		0.023267	0.03
	PCB 157		0.005497	0.007997		0.005497	0.007997
	PCB 167		0.0157	0.016167		0.0157	0.016167
	PCB 169		0	0		0.001	0.001
	PCB 170		0.053167	0.055033		0.053167	0.055033
	PCB 180		0.175667	0.18		0.175667	0.18
	PCB 189		0.00137	0.001607		0.001703	0.002197
	Pentachloroanisol		0	0		1.966667	2
	Pentachlorophenol		0	0		384.3333	387.3333
	Phenanthrene		0	0		9.6	9.666667
	Phenol		0	0		384.3333	387.3333
	Pyrene		0	0		19.23333	19.33333
	Retene		0	0		19.23333	19.33333
	Selenium		380	500.6667		380	500.6667
	Silver		0	0		100	100
	Tetrachloroguaiacol		0	0		384.3333	387.3333
	Thallium		0	0		50	50
	Toxaphene		0	0		59.33333	59.66667
	trans-Nonachlor		3.033333	2.866667		3.033333	2.866667
	Vanadium		0	21.33333		10	21.33333
	Zinc		6066.667	27200		6066.667	27200
	PCB 077		0.004923	0.005803		0.004923	0.005803
	Aroclor 1016		0	0		19.66667	20
	Aroclor 1221		0	0		19.66667	20
	Aroclor 1232		0	0		19.66667	20
	Aroclor 1242		0	0		19.66667	20
	Aroclor 1248		0	0		19.66667	20
	Aroclor 1254		14	14.66667		14	14.66667

Appendix E-5. Fall chinook tissue samples -site averages (ug/kg) at full detection limits and with the detection limit set to zero.

		Detection Limits					
Station	Chemical	DL=0 Egg	DL=0 Fillet+skin	DL=0 WholeBody	DL=DL Egg	DL=DL Fillet+skin	DL=DL WholeBody
	Aroclor 1260		0	0		19.66667	20
	DDD-o,p'		0	0		1.966667	2
	DDE-o,p'		0	0		1.966667	2
	DDT-o,p'		0	0		1.966667	2
	DDD-p,p'		2.233333	2.5		2.233333	2.5
	DDE-p,p'		6.566667	6.2		6.566667	6.2
	DDT-p,p'		0.9	1.4		2.233333	2.066667