

**Table B-01. Summary of Chinook salmon (filet without skin) chemistry from Puget Sound Ambient Monitoring Program (PSAMP-fish)**

<b>Event Start Date:</b>		1/1/89		<b>Detected Concentration Summary</b>						<b>Reporting Limit</b>	
<b>Event Stop Date:</b>		1/1/99									
<b>ParameterName</b>	<b>Units</b>	<b>Det. Freq.</b>	<b>Min</b>	<b>Max</b>	<b>Average</b>	<b>Location of Max</b>	<b>Sample ID of Max.</b>	<b>Summary Min</b>	<b>Summary Max</b>		
<b>Method:</b> EPA 6010											
Arsenic (total)	mg/kg, wet wt.	18 / 18	100%	0.58	1.4	1.02	DUWAMISH S	DU-T3			
Copper (total)	mg/kg, wet wt.	18 / 18	100%	0.47	1.09	0.717	DUWAMISH S	DU-T5			
Lead	mg/kg, wet wt.	0 / 1	0%						0.03	0.03	
<b>Method:</b> EPA 7421											
Lead	mg/kg, wet wt.	0 / 18	0%						0.02	0.03	
<b>Method:</b> EPA 7471											
Mercury (total)	mg/kg, wet wt.	19 / 19	100%	0.0399	0.15	0.0991	DUWAMISH S	DU-T6			
<b>Method:</b> EPA 8080											
4,4'-DDD	ug/kg, wet wt.	79 / 83	95%	0.58	6.47	2.70	DUWAMISH S	DU-TM28	0.52	0.52	
4,4'-DDE	ug/kg, wet wt.	83 / 83	100%	2.4	53.1	17.2	DUWAMISH S	DU-TM30			
4,4'-DDT	ug/kg, wet wt.	54 / 83	65%	0.53	2.7	1.43	DUWAMISH S	DU-T5	0.52	2	
Aldrin	ug/kg, wet wt.	0 / 83	0%						0.3	0.67	
alpha Chlordane	ug/kg, wet wt.	49 / 83	59%	0.52	13.7	1.83	DUWAMISH S	DU-TM34	0.5	0.52	
alpha-BHC	ug/kg, wet wt.	6 / 83	7%	0.63	1	0.797	DUWAMISH S	DU-T5	0.5	0.52	
alpha-Endosulfan	ug/kg, wet wt.	0 / 83	0%						0.5	0.67	
Aroclor-1016	ug/kg, wet wt.	0 / 83	0%						20	20	
Aroclor-1221	ug/kg, wet wt.	0 / 83	0%						20	20	
Aroclor-1232	ug/kg, wet wt.	0 / 83	0%						20	20	
Aroclor-1242	ug/kg, wet wt.	0 / 83	0%						10	20	
Aroclor-1248	ug/kg, wet wt.	0 / 83	0%						2	2	
Aroclor-1254	ug/kg, wet wt.	72 / 72	100%	11	87.8	34.3	DUWAMISH S	DU-T14			
Aroclor-1260	ug/kg, wet wt.	71 / 72	99%	2.8	72	19.9	DUWAMISH S	DU-T14	2	2	
beta-BHC	ug/kg, wet wt.	0 / 83	0%						0.67	1	
beta-Endosulfan	ug/kg, wet wt.	0 / 83	0%						1	1.3	
delta-BHC	ug/kg, wet wt.	0 / 83	0%						0.5	0.52	
Dieldrin	ug/kg, wet wt.	6 / 83	7%	0.72	1.1	0.913	DUWAMISH S	DU-T5	0.5	0.67	
Endosulfan sulfate	ug/kg, wet wt.	0 / 83	0%						1	1.3	
Endrin	ug/kg, wet wt.	0 / 83	0%						1	1.3	
Endrin aldehyde	ug/kg, wet wt.	0 / 83	0%						1	1.1	
gamma-BHC	ug/kg, wet wt.	1 / 83	1%	0.54	0.54	0.540	DUWAMISH S	DU-T3	0.5	0.52	
gamma-Chlordane	ug/kg, wet wt.	14 / 83	17%	0.79	2.37	1.63	DUWAMISH S	DU-TM35	0.5	0.52	
Heptachlor	ug/kg, wet wt.	0 / 83	0%						0.5	0.52	
Heptachlor epoxide	ug/kg, wet wt.	0 / 83	0%						0.5	0.52	

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<b>Event Start Date:</b>		1/1/89		<b>Detected Concentration Summary</b>					<b>Reporting Limit</b>		
<b>Event Stop Date:</b>		1/1/99		<b>Det. Freq.</b>	<b>Min</b>	<b>Max</b>	<b>Average</b>	<b>Location of Max</b>	<b>Sample ID of Max.</b>	<b>Summary Min</b>	<b>Summary Max</b>
<b>ParameterName</b>	<b>Units</b>	<b>Det. Freq.</b>	<b>Min</b>	<b>Max</b>	<b>Average</b>	<b>Location of Max</b>	<b>Sample ID of Max.</b>	<b>Summary Min</b>	<b>Summary Max</b>		
<b>Method:</b> EPA 8080											
Methoxychlor	ug/kg, wet wt.	0 / 83	0%					5	5.3		
Toxaphene	ug/kg, wet wt.	0 / 83	0%					10	10		
<b>Method:</b> EPA 8270											
1,2,4-Trichlorobenzene	ug/kg, wet wt.	0 / 19	0%					40	50		
1,2-Dichlorobenzene	ug/kg, wet wt.	0 / 19	0%					40	50		
1,2-Diphenylhydrazine	ug/kg, wet wt.	0 / 19	0%					40	50		
1,3-Dichlorobenzene	ug/kg, wet wt.	0 / 19	0%					40	70		
1,4-Dichlorobenzene	ug/kg, wet wt.	0 / 19	0%					40	50		
2,4,5-Trichlorophenol	ug/kg, wet wt.	0 / 19	0%					20	20		
2,4,6-Trichlorophenol	ug/kg, wet wt.	0 / 19	0%					40	70		
2,4-Dichlorophenol	ug/kg, wet wt.	0 / 19	0%					40	70		
2,4-Dimethylphenol	ug/kg, wet wt.	0 / 19	0%					40	70		
2,4-Dinitrophenol	ug/kg, wet wt.	0 / 19	0%					260	400		
2,4-Dinitrotoluene	ug/kg, wet wt.	0 / 19	0%					40	200		
2,6-Dinitrotoluene	ug/kg, wet wt.	0 / 19	0%					20	20		
2-Chloronaphthalene	ug/kg, wet wt.	0 / 19	0%					10	10		
2-Chlorophenol	ug/kg, wet wt.	0 / 19	0%					40	70		
2-Methylnaphthalene	ug/kg, wet wt.	0 / 19	0%					20	20		
2-Methylphenol	ug/kg, wet wt.	0 / 19	0%					40	50		
2-Nitroaniline	ug/kg, wet wt.	0 / 19	0%					40	200		
2-Nitrophenol	ug/kg, wet wt.	0 / 19	0%					40	50		
3-Nitroaniline	ug/kg, wet wt.	0 / 19	0%					80	300		
4,6-Dinitro-o-cresol	ug/kg, wet wt.	0 / 19	0%					200	300		
4-Bromophenyl phenyl ether	ug/kg, wet wt.	0 / 18	0%					40	70		
4-Chloro-3-methylphenol	ug/kg, wet wt.	0 / 19	0%					40	70		
4-Chloroaniline	ug/kg, wet wt.	0 / 19	0%					20	400		
4-Chlorophenyl ether	ug/kg, wet wt.	0 / 19	0%					40	70		
4-Methylphenol	ug/kg, wet wt.	0 / 19	0%					40	70		
4-Nitroaniline	ug/kg, wet wt.	0 / 19	0%					80	300		
4-Nitrophenol	ug/kg, wet wt.	0 / 19	0%					400	540		
Acenaphthene	ug/kg, wet wt.	0 / 19	0%					10	10		
Acenaphthylene	ug/kg, wet wt.	0 / 19	0%					10	10		
Aniline	ug/kg, wet wt.	0 / 19	0%					45	50		

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<b>Event Start Date:</b>		1/1/89		<b>Detected Concentration Summary</b>						<b>Reporting Limit</b>	
<b>Event Stop Date:</b>		1/1/99									
<b>ParameterName</b>	<b>Units</b>	<b>Det. Freq.</b>	<b>Min</b>	<b>Max</b>	<b>Average</b>	<b>Location of Max</b>	<b>Sample ID of Max.</b>	<b>Summary Min</b>	<b>Summary Max</b>		
<b>Method:</b> EPA 8270											
Anthracene	ug/kg, wet wt.	0 / 19	0%					20	20		
Benzo(a)anthracene	ug/kg, wet wt.	0 / 19	0%					40	70		
Benzo(a)pyrene	ug/kg, wet wt.	0 / 19	0%					10	10		
Benzo(b)fluoranthene	ug/kg, wet wt.	0 / 19	0%					40	50		
Benzo(g,h,i)perylene	ug/kg, wet wt.	0 / 19	0%					40	70		
Benzo(k)fluoranthene	ug/kg, wet wt.	0 / 19	0%					40	50		
Benzoic acid	ug/kg, wet wt.	0 / 19	0%					260	300		
Benzyl alcohol	ug/kg, wet wt.	0 / 19	0%					40	50		
bis(2-chloroethoxy)methane	ug/kg, wet wt.	0 / 19	0%					40	70		
bis(2-chloroethyl)ether	ug/kg, wet wt.	0 / 19	0%					40	50		
bis(2-ethylhexyl)phthalate	ug/kg, wet wt.	4 / 19	21%	430	5350	1770	DUWAMISH S	DU-T2	65	70	
bis-chloroisopropyl ether	ug/kg, wet wt.	0 / 19	0%					40	50		
Butyl benzyl phthalate	ug/kg, wet wt.	0 / 19	0%					60	70		
Carbazole	ug/kg, wet wt.	0 / 19	0%					40	70		
Chrysene	ug/kg, wet wt.	0 / 19	0%					40	70		
Coprostanol	ug/kg, wet wt.	0 / 7	0%					400	400		
Dibenzo(a,h)anthracene	ug/kg, wet wt.	0 / 19	0%					40	70		
Dibenzofuran	ug/kg, wet wt.	0 / 19	0%					40	50		
Diethyl phthalate	ug/kg, wet wt.	0 / 19	0%					40	50		
Dimethyl phthalate	ug/kg, wet wt.	0 / 19	0%					40	50		
Di-n-butyl phthalate	ug/kg, wet wt.	0 / 19	0%					45	50		
Di-n-octyl phthalate	ug/kg, wet wt.	0 / 19	0%					10	10		
Fluoranthene	ug/kg, wet wt.	0 / 19	0%					20	20		
Fluorene	ug/kg, wet wt.	0 / 19	0%					40	50		
Hexachlorobenzene	ug/kg, wet wt.	0 / 19	0%					40	70		
Hexachlorobutadiene	ug/kg, wet wt.	0 / 19	0%					40	50		
Hexachlorocyclopentadiene	ug/kg, wet wt.	0 / 19	0%					166	200		
Hexachloroethane	ug/kg, wet wt.	0 / 19	0%					40	70		
Indeno(1,2,3-cd)pyrene	ug/kg, wet wt.	0 / 19	0%					40	70		
Isophorone	ug/kg, wet wt.	0 / 19	0%					40	70		
Naphthalene	ug/kg, wet wt.	0 / 19	0%					40	70		
Nitrobenzene	ug/kg, wet wt.	0 / 19	0%					40	50		
N-Nitrosodimethylamine	ug/kg, wet wt.	0 / 19	0%					40	200		

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<b>Event Start Date:</b>		1/1/89		<b>Detected Concentration Summary</b>						<b>Reporting Limit</b>	
<b>Event Stop Date:</b>		1/1/99								<b>Summary</b>	
<b>ParameterName</b>	<b>Units</b>	<b>Det. Freq.</b>	<b>Min</b>	<b>Max</b>	<b>Average</b>	<b>Location of Max</b>	<b>Sample ID of Max.</b>	<b>Min</b>	<b>Max</b>		
<b>Method:</b> EPA 8270											
N-Nitroso-di-n-propylamine	ug/kg, wet wt.	0 / 19	0%					40	50		
N-Nitrosodiphenylamine	ug/kg, wet wt.	0 / 19	0%					40	70		
Pentachlorophenol	ug/kg, wet wt.	0 / 19	0%					160	200		
Phenanthrene	ug/kg, wet wt.	0 / 19	0%					40	50		
Phenol	ug/kg, wet wt.	0 / 19	0%					40	70		
Pyrene	ug/kg, wet wt.	0 / 19	0%					40	50		
Total HPAH (calc'd)	ug/kg, wet wt.	0 / 18	0%					40	70		
Total LPAH (calc'd)	ug/kg, wet wt.	0 / 18	0%					40	70		
<b>Method:</b> PSEP, 1997											
Lipid	%, wet wt.	82 / 82	100%	0.69	15.98	3.03	DUWAMISH S	DU-TM28			
<b>Method:</b> Total Solids											
Total solids	%, wet wt.	79 / 79	100%	20	35.1	27.0	DUWAMISH S	DU-TM5			

**Table B-02. Summary of Coho salmon (filet without skin) chemistry from Puget Sound Ambient Monitoring Program (PSAMP-fish)**

<b>Event Start Date:</b>		1/1/89		<b>Detected Concentration Summary</b>						<b>Reporting Limit</b>	
<b>Event Stop Date:</b>		1/1/99									
<b>ParameterName</b>	<b>Units</b>	<b>Det. Freq.</b>	<b>Min</b>	<b>Max</b>	<b>Average</b>	<b>Location of Max</b>	<b>Sample ID of Max.</b>	<b>Summary Min</b>	<b>Summary Max</b>		
<b>Method:</b>	EPA 6010										
Arsenic (total)	mg/kg, wet wt.	16 / 16	100%	0.41	1.6	0.782	DUWAMISH S	DU-X4			
Copper (total)	mg/kg, wet wt.	16 / 16	100%	0.42	0.924	0.583	DUWAMISH S	DU-X2			
<b>Method:</b>	EPA 7421										
Lead	mg/kg, wet wt.	1 / 16	6%	0.04	0.04	0.0400	DUWAMISH S	DU-X6	0.02	0.03	
<b>Method:</b>	EPA 7471										
Mercury (total)	mg/kg, wet wt.	16 / 16	100%	0.0246	0.053	0.0422	DUWAMISH S	DU-X5			
<b>Method:</b>	EPA 8080										
4,4'-DDD	ug/kg, wet wt.	38 / 55	69%	0.72	3.16	1.37	DUWAMISH S	DU-XM13	0.5	0.52	
4,4'-DDE	ug/kg, wet wt.	55 / 55	100%	1.9	17.4	8.23	DUWAMISH S	DU-X3			
4,4'-DDT	ug/kg, wet wt.	7 / 55	13%	0.64	1.4	0.934	DUWAMISH S	DU-XM7	0.52	2	
Aldrin	ug/kg, wet wt.	0 / 55	0%						0.3	0.67	
alpha Chlordane	ug/kg, wet wt.	24 / 55	44%	0.52	2.12	1.15	DUWAMISH S	DU-XM9	0.5	0.52	
alpha-BHC	ug/kg, wet wt.	6 / 55	11%	0.5	1.1	0.840	DUWAMISH S	DU-X1	0.5	0.52	
alpha-Endosulfan	ug/kg, wet wt.	0 / 55	0%						0.5	0.67	
Aroclor-1016	ug/kg, wet wt.	0 / 55	0%						20	20	
Aroclor-1221	ug/kg, wet wt.	0 / 55	0%						20	20	
Aroclor-1232	ug/kg, wet wt.	0 / 55	0%						20	20	
Aroclor-1242	ug/kg, wet wt.	0 / 55	0%						10	20	
Aroclor-1248	ug/kg, wet wt.	0 / 55	0%						2	2	
Aroclor-1254	ug/kg, wet wt.	45 / 45	100%	6.9	65.5	27.6	DUWAMISH S	DU-XM4			
Aroclor-1260	ug/kg, wet wt.	40 / 45	89%	3.5	31.9	11.8	DUWAMISH S	DU-XM4	2	2	
beta-BHC	ug/kg, wet wt.	0 / 55	0%						0.67	1	
beta-Endosulfan	ug/kg, wet wt.	0 / 55	0%						1	1.3	
delta-BHC	ug/kg, wet wt.	0 / 55	0%						0.5	0.52	
Dieldrin	ug/kg, wet wt.	4 / 55	7%	0.53	0.65	0.560	DUWAMISH S	DU-X1	0.5	0.67	
Endosulfan sulfate	ug/kg, wet wt.	0 / 55	0%						1	1.3	
Endrin	ug/kg, wet wt.	0 / 55	0%						1	1.3	
Endrin aldehyde	ug/kg, wet wt.	0 / 55	0%						1	6.4	
gamma-BHC	ug/kg, wet wt.	0 / 55	0%						0.5	0.52	
gamma-Chlordane	ug/kg, wet wt.	8 / 55	15%	0.52	1.42	0.774	DUWAMISH S	DU-XM5	0.5	0.52	
Heptachlor	ug/kg, wet wt.	0 / 55	0%						0.5	0.52	
Heptachlor epoxide	ug/kg, wet wt.	0 / 55	0%						0.5	0.52	
Methoxychlor	ug/kg, wet wt.	0 / 55	0%						5	5.3	

**Table B-02. Summary of Coho salmon (filet without skin) chemistry from Puget Sound Ambient Monitoring Program (PSAMP-fish)**

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<b>Event Stop Date:</b>		1/1/99		<b>Det. Freq.</b>	<b>Min</b>	<b>Max</b>	<b>Average</b>	<b>Location of Max</b>	<b>Sample ID of Max.</b>	<b>Summary Min</b>	<b>Summary Max</b>
<b>ParameterName</b>	<b>Units</b>	<b>Det. Freq.</b>	<b>Min</b>	<b>Max</b>	<b>Average</b>	<b>Location of Max</b>	<b>Sample ID of Max.</b>	<b>Summary Min</b>	<b>Summary Max</b>		
<b>Method:</b>	EPA 8080										
Toxaphene	ug/kg, wet wt.	0 / 55	0%							10	10
<b>Method:</b>	EPA 8270										
1,2,4-Trichlorobenzene	ug/kg, wet wt.	0 / 16	0%							40	50
1,2-Dichlorobenzene	ug/kg, wet wt.	0 / 16	0%							40	50
1,2-Diphenylhydrazine	ug/kg, wet wt.	0 / 16	0%							40	50
1,3-Dichlorobenzene	ug/kg, wet wt.	0 / 16	0%							40	65
1,4-Dichlorobenzene	ug/kg, wet wt.	0 / 16	0%							40	50
2,4,5-Trichlorophenol	ug/kg, wet wt.	0 / 16	0%							20	20
2,4,6-Trichlorophenol	ug/kg, wet wt.	0 / 16	0%							40	65
2,4-Dichlorophenol	ug/kg, wet wt.	0 / 16	0%							40	65
2,4-Dimethylphenol	ug/kg, wet wt.	0 / 16	0%							40	65
2,4-Dinitrophenol	ug/kg, wet wt.	0 / 16	0%							260	400
2,4-Dinitrotoluene	ug/kg, wet wt.	0 / 16	0%							40	200
2,6-Dinitrotoluene	ug/kg, wet wt.	0 / 16	0%							20	20
2-Chloronaphthalene	ug/kg, wet wt.	0 / 16	0%							10	10
2-Chlorophenol	ug/kg, wet wt.	0 / 16	0%							40	65
2-Methylnaphthalene	ug/kg, wet wt.	0 / 16	0%							20	20
2-Methylphenol	ug/kg, wet wt.	0 / 16	0%							40	50
2-Nitroaniline	ug/kg, wet wt.	0 / 16	0%							40	200
2-Nitrophenol	ug/kg, wet wt.	0 / 16	0%							40	50
3-Nitroaniline	ug/kg, wet wt.	0 / 16	0%							80	300
4,6-Dinitro-o-cresol	ug/kg, wet wt.	0 / 16	0%							200	300
4-Bromophenyl phenyl ether	ug/kg, wet wt.	0 / 16	0%							40	65
4-Chloro-3-methylphenol	ug/kg, wet wt.	0 / 16	0%							40	65
4-Chloroaniline	ug/kg, wet wt.	0 / 16	0%							20	400
4-Chlorophenyl ether	ug/kg, wet wt.	0 / 16	0%							40	65
4-Methylphenol	ug/kg, wet wt.	0 / 16	0%							40	65
4-Nitroaniline	ug/kg, wet wt.	0 / 16	0%							80	300
4-Nitrophenol	ug/kg, wet wt.	0 / 16	0%							400	540
Acenaphthene	ug/kg, wet wt.	0 / 16	0%							10	10
Acenaphthylene	ug/kg, wet wt.	0 / 16	0%							10	10
Aniline	ug/kg, wet wt.	0 / 16	0%							45	50
Anthracene	ug/kg, wet wt.	0 / 16	0%							20	20

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<b>Event Start Date:</b> 1/1/89		<b>Detected Concentration Summary</b>							<b>Reporting Limit</b>	
<b>Event Stop Date:</b> 1/1/99		<b>Det. Freq.</b>	<b>Min</b>	<b>Max</b>	<b>Average</b>	<b>Location of Max</b>	<b>Sample ID of Max.</b>	<b>Summary Min</b>	<b>Summary Max</b>	
<b>ParameterName</b>	<b>Units</b>									
<b>Method:</b> EPA 8270										
Benzo(a)anthracene	ug/kg, wet wt.	0 / 16	0%					40	65	
Benzo(a)pyrene	ug/kg, wet wt.	0 / 16	0%					10	10	
Benzo(b)fluoranthene	ug/kg, wet wt.	0 / 16	0%					40	50	
Benzo(g,h,i)perylene	ug/kg, wet wt.	0 / 16	0%					40	65	
Benzo(k)fluoranthene	ug/kg, wet wt.	0 / 16	0%					40	50	
Benzoic acid	ug/kg, wet wt.	1 / 16	6%	650	650	650	DUWAMISH S	DU-X1	260 300	
Benzyl alcohol	ug/kg, wet wt.	0 / 16	0%					40	50	
bis(2-chloroethoxy)methane	ug/kg, wet wt.	0 / 16	0%					40	65	
bis(2-chloroethyl)ether	ug/kg, wet wt.	0 / 16	0%					40	50	
bis(2-ethylhexyl)phthalate	ug/kg, wet wt.	4 / 16	25%	170	4750	1700	DUWAMISH S	DU-X3	60 65	
bis-chloroisopropyl ether	ug/kg, wet wt.	0 / 16	0%					40	50	
Butyl benzyl phthalate	ug/kg, wet wt.	0 / 16	0%					60	65	
Carbazole	ug/kg, wet wt.	0 / 16	0%					40	65	
Chrysene	ug/kg, wet wt.	0 / 16	0%					40	65	
Coprostanol	ug/kg, wet wt.	0 / 4	0%					400	400	
Dibenzo(a,h)anthracene	ug/kg, wet wt.	0 / 16	0%					40	65	
Dibenzofuran	ug/kg, wet wt.	0 / 16	0%					40	50	
Diethyl phthalate	ug/kg, wet wt.	0 / 16	0%					40	50	
Dimethyl phthalate	ug/kg, wet wt.	0 / 16	0%					40	50	
Di-n-butyl phthalate	ug/kg, wet wt.	0 / 16	0%					45	50	
Di-n-octyl phthalate	ug/kg, wet wt.	0 / 16	0%					10	10	
Fluoranthene	ug/kg, wet wt.	0 / 16	0%					20	20	
Fluorene	ug/kg, wet wt.	0 / 16	0%					40	50	
Hexachlorobenzene	ug/kg, wet wt.	0 / 16	0%					40	65	
Hexachlorobutadiene	ug/kg, wet wt.	0 / 16	0%					40	50	
Hexachlorocyclopentadiene	ug/kg, wet wt.	0 / 16	0%					166	200	
Hexachloroethane	ug/kg, wet wt.	0 / 16	0%					40	65	
Indeno(1,2,3-cd)pyrene	ug/kg, wet wt.	0 / 16	0%					40	67	
Isophorone	ug/kg, wet wt.	0 / 16	0%					40	65	
Naphthalene	ug/kg, wet wt.	0 / 16	0%					40	65	
Nitrobenzene	ug/kg, wet wt.	0 / 16	0%					40	50	
N-Nitrosodimethylamine	ug/kg, wet wt.	0 / 16	0%					40	200	
N-Nitroso-di-n-propylamine	ug/kg, wet wt.	0 / 16	0%					40	50	

**Table B-02. Summary of Coho salmon (filet without skin) chemistry from Puget Sound Ambient Monitoring Program (PSAMP-fish)**

<b>Event Start Date:</b>		<i>1/1/89</i>		<b>Detected Concentration Summary</b>						<b>Reporting Limit</b>	
<b>Event Stop Date:</b>		<i>1/1/99</i>								<b>Summary</b>	
<b>ParameterName</b>	<b>Units</b>	<b>Det. Freq.</b>	<b>Min</b>	<b>Max</b>	<b>Average</b>	<b>Location of Max</b>	<b>Sample ID of Max.</b>	<b>Min</b>	<b>Max</b>		
<b>Method:</b> <i>EPA 8270</i>											
N-Nitrosodiphenylamine	ug/kg, wet wt.	0 / 16	0%					40	65		
Pentachlorophenol	ug/kg, wet wt.	0 / 16	0%					160	200		
Phenanthrene	ug/kg, wet wt.	0 / 16	0%					40	50		
Phenol	ug/kg, wet wt.	0 / 16	0%					40	65		
Pyrene	ug/kg, wet wt.	0 / 16	0%					40	50		
Total HPAH (calc'd)	ug/kg, wet wt.	0 / 16	0%					40	67		
Total LPAH (calc'd)	ug/kg, wet wt.	0 / 16	0%					40	65		
<b>Method:</b> <i>PSEP, 1997</i>											
Lipid	%, wet wt.	36 / 36	100%	0.97	6	2.99	DUWAMISH S	DU-X3			
<b>Method:</b> <i>Total Solids</i>											
Total solids	%, wet wt.	51 / 51	100%	19.6	31	27.9	DUWAMISH S	DU-X3			



**Table B-03. Summary of English sole (filet without skin) chemistry from Puget Sound Ambient Monitoring Program (PSAMP-fish)**

<b>Event Start Date:</b>		1/1/89		<b>Detected Concentration Summary</b>						<b>Reporting Limit</b>	
<b>Event Stop Date:</b>		1/1/99									
<b>ParameterName</b>	<b>Units</b>	<b>Det. Freq.</b>	<b>Min</b>	<b>Max</b>	<b>Average</b>	<b>Location of Max</b>	<b>Sample ID of Max.</b>	<b>Min</b>	<b>Max</b>		
<b>Method:</b>	EPA 6010										
Arsenic (total)	mg/kg, wet wt.	6 / 6	100%	9	11.6	9.94	DUWAMISH E	DU-SM1			
Copper (total)	mg/kg, wet wt.	6 / 6	100%	0.19	0.37	0.261	DUWAMISH E	DU-SM2A			
<b>Method:</b>	EPA 7421										
Lead	mg/kg, wet wt.	0 / 6	0%						0.02	0.03	
<b>Method:</b>	EPA 7471										
Mercury (total)	mg/kg, wet wt.	9 / 9	100%	0.0392	0.083	0.0635	DUWAMISH E	DU-SM2			
<b>Method:</b>	EPA 8080										
4,4'-DDD	ug/kg, wet wt.	6 / 9	67%	1.1	4.96	2.85	DUWAMISH E	DU-SM3	1.3	1.3	
4,4'-DDE	ug/kg, wet wt.	7 / 9	78%	1.1	5.94	3.25	DUWAMISH E	DU-SM3	1	1	
4,4'-DDT	ug/kg, wet wt.	0 / 9	0%						2	2	
Aldrin	ug/kg, wet wt.	0 / 9	0%						0.5	0.5	
alpha Chlordane	ug/kg, wet wt.	3 / 9	33%	1.6	2	1.73	DUWAMISH E	DU-SM3	0.5	0.5	
alpha-BHC	ug/kg, wet wt.	0 / 9	0%						0.5	0.5	
alpha-Endosulfan	ug/kg, wet wt.	0 / 9	0%						0.5	0.5	
Aroclor-1016	ug/kg, wet wt.	0 / 6	0%						20	20	
Aroclor-1221	ug/kg, wet wt.	0 / 6	0%						20	20	
Aroclor-1232	ug/kg, wet wt.	0 / 6	0%						20	20	
Aroclor-1242	ug/kg, wet wt.	0 / 6	0%						10	10	
Aroclor-1248	ug/kg, wet wt.	6 / 6	100%	9	26.1	16.3	DUWAMISH E	DU-SM3			
Aroclor-1254	ug/kg, wet wt.	6 / 6	100%	22	122	75.4	DUWAMISH E	DU-SM2			
Aroclor-1260	ug/kg, wet wt.	6 / 6	100%	35	107	76.7	DUWAMISH E	DU-SM3			
beta-BHC	ug/kg, wet wt.	0 / 9	0%						0.5	0.5	
beta-Endosulfan	ug/kg, wet wt.	0 / 9	0%						1	1	
delta-BHC	ug/kg, wet wt.	0 / 9	0%						0.5	0.5	
Dieldrin	ug/kg, wet wt.	0 / 9	0%						1	1	
Endosulfan sulfate	ug/kg, wet wt.	0 / 9	0%						1	1	
Endrin	ug/kg, wet wt.	0 / 9	0%						1	1	
Endrin aldehyde	ug/kg, wet wt.	0 / 9	0%						1	1	
gamma-BHC	ug/kg, wet wt.	0 / 9	0%						0.5	0.5	
gamma-Chlordane	ug/kg, wet wt.	1 / 9	11%	0.52	0.52	0.520	DUWAMISH E	DU-SM3	0.5	0.5	
Heptachlor	ug/kg, wet wt.	0 / 9	0%						0.5	0.5	
Heptachlor epoxide	ug/kg, wet wt.	0 / 9	0%						0.5	0.5	
Methoxychlor	ug/kg, wet wt.	0 / 9	0%						10	10	

**Table B-03. Summary of English sole (filet without skin) chemistry from Puget Sound Ambient Monitoring Program (PSAMP-fish)**

<b>Event Start Date:</b>		1/1/89		<b>Detected Concentration Summary</b>					<b>Reporting Limit</b>		
<b>Event Stop Date:</b>		1/1/99		<b>Det. Freq.</b>	<b>Min</b>	<b>Max</b>	<b>Average</b>	<b>Location of Max</b>	<b>Sample ID of Max.</b>	<b>Summary Min</b>	<b>Summary Max</b>
<b>ParameterName</b>	<b>Units</b>	<b>Det. Freq.</b>	<b>Min</b>	<b>Max</b>	<b>Average</b>	<b>Location of Max</b>	<b>Sample ID of Max.</b>	<b>Summary Min</b>	<b>Summary Max</b>		
<b>Method:</b>	EPA 8080										
Toxaphene	ug/kg, wet wt.	0 / 9	0%							10	10
<b>Method:</b>	EPA 8270										
1,2,4-Trichlorobenzene	ug/kg, wet wt.	0 / 3	0%							3.6	3.6
1,2-Dichlorobenzene	ug/kg, wet wt.	0 / 3	0%							10.7	10.7
1,2-Diphenylhydrazine	ug/kg, wet wt.	0 / 3	0%							3.6	3.6
1,3-Dichlorobenzene	ug/kg, wet wt.	0 / 3	0%							10.7	10.7
1,4-Dichlorobenzene	ug/kg, wet wt.	0 / 3	0%							10.7	10.7
2,4,5-Trichlorophenol	ug/kg, wet wt.	0 / 3	0%							18	18
2,4,6-Trichlorophenol	ug/kg, wet wt.	0 / 3	0%							18	18
2,4-Dichlorophenol	ug/kg, wet wt.	0 / 3	0%							3.6	3.6
2,4-Dimethylphenol	ug/kg, wet wt.	0 / 3	0%							3.6	3.6
2,4-Dinitrophenol	ug/kg, wet wt.	0 / 3	0%							72	72
2,4-Dinitrotoluene	ug/kg, wet wt.	0 / 3	0%							18	18
2,6-Dinitrotoluene	ug/kg, wet wt.	0 / 3	0%							18	18
2-Chloronaphthalene	ug/kg, wet wt.	0 / 3	0%							10.7	10.7
2-Chlorophenol	ug/kg, wet wt.	0 / 3	0%							3.6	3.6
2-Methylnaphthalene	ug/kg, wet wt.	0 / 3	0%							3.6	3.6
2-Methylphenol	ug/kg, wet wt.	0 / 3	0%							3.6	3.6
2-Nitroaniline	ug/kg, wet wt.	0 / 3	0%							7.1	7.1
2-Nitrophenol	ug/kg, wet wt.	0 / 3	0%							3.6	3.6
3-Nitroaniline	ug/kg, wet wt.	0 / 3	0%							3.6	3.6
4,6-Dinitro-o-cresol	ug/kg, wet wt.	0 / 3	0%							53	53
4-Bromophenyl phenyl ether	ug/kg, wet wt.	0 / 3	0%							18	18
4-Chloro-3-methylphenol	ug/kg, wet wt.	0 / 3	0%							3.6	3.6
4-Chloroaniline	ug/kg, wet wt.	0 / 3	0%							36	36
4-Chlorophenyl ether	ug/kg, wet wt.	0 / 3	0%							3.6	3.6
4-Methylphenol	ug/kg, wet wt.	0 / 3	0%							3.6	3.6
4-Nitroaniline	ug/kg, wet wt.	0 / 3	0%							18	18
4-Nitrophenol	ug/kg, wet wt.	0 / 3	0%							36	36
Acenaphthene	ug/kg, wet wt.	0 / 3	0%							3.6	3.6
Acenaphthylene	ug/kg, wet wt.	0 / 3	0%							3.6	3.6
Aniline	ug/kg, wet wt.	0 / 3	0%							53.3	53.3
Anthracene	ug/kg, wet wt.	0 / 3	0%							3.6	3.6

**Table B-03. Summary of English sole (filet without skin) chemistry from Puget Sound Ambient Monitoring Program (PSAMP-fish)**

<b>Event Start Date:</b>		1/1/89		<b>Detected Concentration Summary</b>						<b>Reporting Limit</b>	
<b>Event Stop Date:</b>		1/1/99									
<b>ParameterName</b>	<b>Units</b>	<b>Det. Freq.</b>	<b>Min</b>	<b>Max</b>	<b>Average</b>	<b>Location of Max</b>	<b>Sample ID of Max.</b>	<b>Summary Min</b>	<b>Summary Max</b>		
<b>Method:</b> EPA 8270											
Benzo(a)anthracene	ug/kg, wet wt.	0 / 3	0%					10.7	10.7		
Benzo(a)pyrene	ug/kg, wet wt.	0 / 3	0%					3.6	3.6		
Benzo(b)fluoranthene	ug/kg, wet wt.	0 / 3	0%					10.7	10.7		
Benzo(g,h,i)perylene	ug/kg, wet wt.	0 / 3	0%					10.7	10.7		
Benzo(k)fluoranthene	ug/kg, wet wt.	0 / 3	0%					7.1	7.1		
Benzoic acid	ug/kg, wet wt.	0 / 3	0%					36	36		
Benzyl alcohol	ug/kg, wet wt.	0 / 3	0%					3.6	3.6		
bis(2-chloroethoxy)methane	ug/kg, wet wt.	0 / 3	0%					3.6	3.6		
bis(2-chloroethyl)ether	ug/kg, wet wt.	0 / 3	0%					3.6	3.6		
bis(2-ethylhexyl)phthalate	ug/kg, wet wt.	1 / 3	33%	40	40	40.0	DUWAMISH E	DU-SM1A	3.6	3.6	
bis-chloroisopropyl ether	ug/kg, wet wt.	0 / 3	0%					10.7	10.7		
Butyl benzyl phthalate	ug/kg, wet wt.	0 / 3	0%					10.7	10.7		
Carbazole	ug/kg, wet wt.	0 / 3	0%					3.6	3.6		
Chrysene	ug/kg, wet wt.	0 / 3	0%					3.6	3.6		
Coprostanol	ug/kg, wet wt.	0 / 3	0%					180	180		
Dibenzo(a,h)anthracene	ug/kg, wet wt.	0 / 3	0%					10.7	10.7		
Dibenzofuran	ug/kg, wet wt.	0 / 3	0%					10.7	10.7		
Diethyl phthalate	ug/kg, wet wt.	0 / 3	0%					3.6	3.6		
Dimethyl phthalate	ug/kg, wet wt.	0 / 3	0%					3.6	3.6		
Di-n-butyl phthalate	ug/kg, wet wt.	1 / 3	33%	20	20	20.0	DUWAMISH E	DU-SM1A	3.6	3.6	
Di-n-octyl phthalate	ug/kg, wet wt.	0 / 3	0%					3.6	3.6		
Fluoranthene	ug/kg, wet wt.	0 / 3	0%					3.6	3.6		
Fluorene	ug/kg, wet wt.	0 / 3	0%					3.6	3.6		
Hexachlorobenzene	ug/kg, wet wt.	0 / 3	0%					18	18		
Hexachlorobutadiene	ug/kg, wet wt.	0 / 3	0%					10.7	10.7		
Hexachlorocyclopentadiene	ug/kg, wet wt.	0 / 3	0%					36	36		
Hexachloroethane	ug/kg, wet wt.	0 / 3	0%					10.7	10.7		
Indeno(1,2,3-cd)pyrene	ug/kg, wet wt.	0 / 3	0%					18	18		
Isophorone	ug/kg, wet wt.	0 / 3	0%					3.6	3.6		
Naphthalene	ug/kg, wet wt.	0 / 3	0%					3.6	3.6		
Nitrobenzene	ug/kg, wet wt.	0 / 3	0%					10.7	10.7		
N-Nitrosodimethylamine	ug/kg, wet wt.	0 / 3	0%					3.6	3.6		
N-Nitroso-di-n-propylamine	ug/kg, wet wt.	0 / 3	0%					3.6	3.6		

**Table B-03. Summary of English sole (filet without skin) chemistry from Puget Sound Ambient Monitoring Program (PSAMP-fish)**

<b>Event Start Date:</b>		1/1/89		<b>Detected Concentration Summary</b>						<b>Reporting Limit</b>	
<b>Event Stop Date:</b>		1/1/99								<b>Summary</b>	
<b>ParameterName</b>	<b>Units</b>	<b>Det. Freq.</b>	<b>Min</b>	<b>Max</b>	<b>Average</b>	<b>Location of Max</b>	<b>Sample ID of Max.</b>	<b>Min</b>	<b>Max</b>		
<b>Method:</b> EPA 8270											
N-Nitrosodiphenylamine	ug/kg, wet wt.	0 / 3	0%					3.6	3.6		
Pentachlorophenol	ug/kg, wet wt.	0 / 3	0%					36	36		
Phenanthrene	ug/kg, wet wt.	0 / 3	0%					3.6	3.6		
Phenol	ug/kg, wet wt.	0 / 3	0%					3.6	3.6		
Pyrene	ug/kg, wet wt.	0 / 3	0%					3.6	3.6		
Total HPAH (calc'd)	ug/kg, wet wt.	0 / 3	0%					18	18		
Total LPAH (calc'd)	ug/kg, wet wt.	0 / 3	0%					3.6	3.6		
<b>Method:</b> PSEP, 1997											
Lipid	%, wet wt.	6 / 6	100%	0.24	0.53	0.417	DUWAMISH E	DU-SM2A			
<b>Method:</b> Total Solids											
Total solids	%, wet wt.	7 / 7	100%	15.4	17	16.4	DUWAMISH E	DU-SM1			

**Table B-04. Summary of English sole (liver) chemistry from Puget Sound Ambient Monitoring Program (PSAMP-fish)**

<b>Event Start Date:</b>		1/1/89		<b>Detected Concentration Summary</b>						<b>Reporting Limit</b>	
<b>Event Stop Date:</b>		1/1/99									
<b>ParameterName</b>	<b>Units</b>	<b>Det. Freq.</b>	<b>Min</b>	<b>Max</b>	<b>Average</b>	<b>Location of Max</b>	<b>Sample ID of Max.</b>	<b>Min</b>	<b>Max</b>		
<b>Method:</b>	EPA 6010										
Arsenic (total)	mg/kg, wet wt.	3 / 3	100%	6.8	10.4	8.53	DUWAMISH E	DU-SL3			
Copper (total)	mg/kg, wet wt.	3 / 3	100%	5.7	6.4	5.97	DUWAMISH E	DU-SL3			
<b>Method:</b>	EPA 7421										
Lead	mg/kg, wet wt.	4 / 4	100%	0.24	0.5	0.410	DUWAMISH E	DU-SL3			
<b>Method:</b>	EPA 7471										
Mercury (total)	mg/kg, wet wt.	6 / 6	100%	0.0649	0.12	0.0951	DUWAMISH E	DU-SL2			
<b>Method:</b>	EPA 8080										
4,4'-DDD	ug/kg, wet wt.	3 / 6	50%	79.7	157	112	DUWAMISH E	DU-SL2	32	32	
4,4'-DDE	ug/kg, wet wt.	4 / 6	67%	164	250	203	DUWAMISH E	DU-SL2	320	320	
4,4'-DDT	ug/kg, wet wt.	0 / 6	0%						13	160	
Aldrin	ug/kg, wet wt.	0 / 6	0%						8	320	
alpha Chlordane	ug/kg, wet wt.	3 / 6	50%	46.1	79.7	62.4	DUWAMISH E	DU-SL2	62.5	62.5	
alpha-BHC	ug/kg, wet wt.	0 / 6	0%						6.3	32	
alpha-Endosulfan	ug/kg, wet wt.	0 / 3	0%						8	8	
Aroclor-1016	ug/kg, wet wt.	0 / 6	0%						80	100	
Aroclor-1221	ug/kg, wet wt.	0 / 6	0%						80	100	
Aroclor-1232	ug/kg, wet wt.	0 / 6	0%						80	100	
Aroclor-1242	ug/kg, wet wt.	0 / 6	0%						80	100	
Aroclor-1248	ug/kg, wet wt.	6 / 6	100%	295	1000	626	DUWAMISH E	DU-SL2			
Aroclor-1254	ug/kg, wet wt.	6 / 6	100%	1400	3080	2460	DUWAMISH E	DU-SL2			
Aroclor-1260	ug/kg, wet wt.	6 / 6	100%	1200	3400	2750	DUWAMISH E	DU-SL1			
beta-BHC	ug/kg, wet wt.	0 / 3	0%						6.3	6.3	
beta-Endosulfan	ug/kg, wet wt.	0 / 6	0%						13	320	
delta-BHC	ug/kg, wet wt.	0 / 6	0%						6.3	32	
Dieldrin	ug/kg, wet wt.	0 / 6	0%						13	320	
Endosulfan sulfate	ug/kg, wet wt.	0 / 6	0%						13	400	
Endrin	ug/kg, wet wt.	0 / 6	0%						13	320	
Endrin aldehyde	ug/kg, wet wt.	0 / 3	0%						13	13	
gamma-BHC	ug/kg, wet wt.	0 / 3	0%						6.3	6.3	
gamma-Chlordane	ug/kg, wet wt.	3 / 6	50%	11.4	21.5	15.6	DUWAMISH E	DU-SL2	62.5	62.5	
Heptachlor	ug/kg, wet wt.	0 / 6	0%						6.3	320	
Heptachlor epoxide	ug/kg, wet wt.	0 / 6	0%						6.3	32	
Methoxychlor	ug/kg, wet wt.	0 / 6	0%						32	63	

**Table B-04. Summary of English sole (liver) chemistry from Puget Sound Ambient Monitoring Program (PSAMP-fish)**

<b>Event Start Date:</b>		1/1/89		<b>Detected Concentration Summary</b>					<b>Reporting Limit</b>	
<b>Event Stop Date:</b>		1/1/99								
<b>ParameterName</b>	<b>Units</b>	<b>Det. Freq.</b>	<b>Min</b>	<b>Max</b>	<b>Average</b>	<b>Location of Max</b>	<b>Sample ID of Max.</b>	<b>Summary Min</b>	<b>Summary Max</b>	
<b>Method:</b>	EPA 8080									
Toxaphene	ug/kg, wet wt.	0 / 6	0%					100	1000	
<b>Method:</b>	EPA 8270									
1,2,4-Trichlorobenzene	ug/kg, wet wt.	0 / 1	0%					300	300	
1,2-Dichlorobenzene	ug/kg, wet wt.	0 / 1	0%					300	300	
1,2-Diphenylhydrazine	ug/kg, wet wt.	0 / 1	0%					300	300	
1,3-Dichlorobenzene	ug/kg, wet wt.	0 / 1	0%					1000	1000	
1,4-Dichlorobenzene	ug/kg, wet wt.	0 / 1	0%					1000	1000	
2,4-Dichlorophenol	ug/kg, wet wt.	0 / 1	0%					300	300	
2,4-Dimethylphenol	ug/kg, wet wt.	0 / 1	0%					300	300	
2,4-Dinitrotoluene	ug/kg, wet wt.	0 / 1	0%					1000	1000	
2,6-Dinitrotoluene	ug/kg, wet wt.	0 / 1	0%					1000	1000	
2-Chloronaphthalene	ug/kg, wet wt.	0 / 1	0%					300	300	
2-Chlorophenol	ug/kg, wet wt.	0 / 1	0%					300	300	
2-Methylnaphthalene	ug/kg, wet wt.	0 / 1	0%					300	300	
2-Methylphenol	ug/kg, wet wt.	0 / 1	0%					300	300	
2-Nitroaniline	ug/kg, wet wt.	0 / 1	0%					700	700	
2-Nitrophenol	ug/kg, wet wt.	0 / 1	0%					300	300	
3-Nitroaniline	ug/kg, wet wt.	0 / 1	0%					300	300	
4,6-Dinitro-o-cresol	ug/kg, wet wt.	0 / 1	0%					5000	5000	
4-Chloro-3-methylphenol	ug/kg, wet wt.	0 / 1	0%					1000	1000	
4-Chlorophenyl ether	ug/kg, wet wt.	0 / 1	0%					300	300	
4-Methylphenol	ug/kg, wet wt.	0 / 1	0%					300	300	
4-Nitroaniline	ug/kg, wet wt.	0 / 1	0%					2000	2000	
4-Nitrophenol	ug/kg, wet wt.	0 / 1	0%					3000	3000	
Acenaphthene	ug/kg, wet wt.	0 / 1	0%					300	300	
Acenaphthylene	ug/kg, wet wt.	0 / 1	0%					300	300	
Aniline	ug/kg, wet wt.	0 / 1	0%					1700	1700	
Anthracene	ug/kg, wet wt.	0 / 1	0%					300	300	
Benzo(a)anthracene	ug/kg, wet wt.	0 / 1	0%					1000	1000	
Benzo(a)pyrene	ug/kg, wet wt.	0 / 1	0%					300	300	
Benzo(b)fluoranthene	ug/kg, wet wt.	0 / 1	0%					1000	1000	
Benzo(g,h,i)perylene	ug/kg, wet wt.	0 / 1	0%					1000	1000	
Benzo(k)fluoranthene	ug/kg, wet wt.	0 / 1	0%					700	700	

**Table B-04. Summary of English sole (liver) chemistry from Puget Sound Ambient Monitoring Program (PSAMP-fish)**

<b>Event Start Date:</b>		1/1/89		<b>Detected Concentration Summary</b>						<b>Reporting Limit</b>	
<b>Event Stop Date:</b>		1/1/99									
<b>ParameterName</b>	<b>Units</b>	<b>Det. Freq.</b>	<b>Min</b>	<b>Max</b>	<b>Average</b>	<b>Location of Max</b>	<b>Sample ID of Max.</b>	<b>Summary Min</b>	<b>Summary Max</b>		
<b>Method:</b> EPA 8270											
Benzoic acid	ug/kg, wet wt.	0 / 1	0%					3000	3000		
Benzyl alcohol	ug/kg, wet wt.	1 / 1	100%	6700	6700	6700	DUWAMISH E	DU-SL1_3			
bis(2-chloroethoxy)methane	ug/kg, wet wt.	0 / 1	0%					300	300		
bis(2-chloroethyl)ether	ug/kg, wet wt.	0 / 1	0%					300	300		
bis(2-ethylhexyl)phthalate	ug/kg, wet wt.	1 / 1	100%	1800	1800	1800	DUWAMISH E	DU-SL1_3			
bis-chloroisopropyl ether	ug/kg, wet wt.	0 / 1	0%					1000	1000		
Butyl benzyl phthalate	ug/kg, wet wt.	0 / 1	0%					1000	1000		
Carbazole	ug/kg, wet wt.	0 / 1	0%					300	300		
Chrysene	ug/kg, wet wt.	0 / 1	0%					1000	1000		
Dibenzo(a,h)anthracene	ug/kg, wet wt.	0 / 1	0%					300	300		
Dibenzofuran	ug/kg, wet wt.	0 / 1	0%					300	300		
Diethyl phthalate	ug/kg, wet wt.	0 / 1	0%					300	300		
Dimethyl phthalate	ug/kg, wet wt.	0 / 1	0%					300	300		
Di-n-butyl phthalate	ug/kg, wet wt.	0 / 1	0%					300	300		
Di-n-octyl phthalate	ug/kg, wet wt.	0 / 1	0%					300	300		
Fluoranthene	ug/kg, wet wt.	0 / 1	0%					1000	1000		
Fluorene	ug/kg, wet wt.	0 / 1	0%					300	300		
Hexachlorocyclopentadiene	ug/kg, wet wt.	0 / 1	0%					1700	1700		
Hexachloroethane	ug/kg, wet wt.	0 / 1	0%					300	300		
Indeno(1,2,3-cd)pyrene	ug/kg, wet wt.	0 / 1	0%					800	800		
Isophorone	ug/kg, wet wt.	0 / 1	0%					300	300		
Naphthalene	ug/kg, wet wt.	0 / 1	0%					300	300		
Nitrobenzene	ug/kg, wet wt.	0 / 1	0%					300	300		
N-Nitrosodimethylamine	ug/kg, wet wt.	0 / 1	0%					300	300		
N-Nitroso-di-n-propylamine	ug/kg, wet wt.	0 / 1	0%					300	300		
N-Nitrosodiphenylamine	ug/kg, wet wt.	0 / 1	0%					300	300		
Phenanthrene	ug/kg, wet wt.	0 / 1	0%					300	300		
Phenol	ug/kg, wet wt.	0 / 1	0%					300	300		
Pyrene	ug/kg, wet wt.	0 / 1	0%					300	300		
Total HPAH (calc'd)	ug/kg, wet wt.	0 / 1	0%					1000	1000		
Total LPAH (calc'd)	ug/kg, wet wt.	0 / 1	0%					300	300		
<b>Method:</b> PSEP, 1997											
Lipid	%, wet wt.	3 / 3	100%	6.75	7.79	7.10	DUWAMISH E	DU-SL1			

**Table B-04. Summary of English sole (liver) chemistry from Puget Sound Ambient Monitoring Program (PSAMP-fish)**

<b>Event Start Date:</b>		<i>1/1/89</i>		<b>Detected Concentration Summary</b>						<b>Reporting Limit</b>	
<b>Event Stop Date:</b>		<i>1/1/99</i>								<b>Summary</b>	
<b>ParameterName</b>	<b>Units</b>	<b>Det. Freq.</b>	<b>Min</b>	<b>Max</b>	<b>Average</b>	<b>Location of Max</b>	<b>Sample ID of Max.</b>	<b>Min</b>	<b>Max</b>		
<b>Method:</b>	<i>Total Solids</i>										
Total solids	%, wet wt.	2 / 2	100%	23.8	25	24.4	DUWAMISH E	DU-SL1			



**Table B-05. Summary of Chinook salmon (liver) chemistry from NOAA bioaccumulation study (NOAA-salmon)**

<b>Event Start Date:</b> 5/23/89		<b>Detected Concentration Summary</b>							<b>Reporting Limit</b>	
<b>Event Stop Date:</b> 6/28/90		<b>Det. Freq.</b>	<b>Min</b>	<b>Max</b>	<b>Average</b>	<b>Location of Max</b>	<b>Sample ID of Max.</b>	<b>Summary Min</b>	<b>Summary Max</b>	
<b>ParameterName</b>	<b>Units</b>									
<b>Method:</b> EPA 8080										
4,4'-DDD	ug/kg, wet wt.	6 / 6	100%	2	7	3.83	DUWRIVES	63-172C		
4,4'-DDE	ug/kg, wet wt.	6 / 6	100%	17	46	29.7	DUWRIVES	63-172C		
4,4'-DDT	ug/kg, wet wt.	6 / 6	100%	0.6	9	2.77	DUWRIVES	63-172C		
Aldrin	ug/kg, wet wt.	2 / 6	33%	0.6	0.7	0.650	DUWRIVES	63-383C	0.1 0.6	
alpha-Chlordane	ug/kg, wet wt.	6 / 6	100%	1	3	1.83	DUWRIVES	63-177C		
Dieldrin	ug/kg, wet wt.	6 / 6	100%	0.9	2	1.48	DUWRIVES	63-384C		
gamma-BHC	ug/kg, wet wt.	3 / 6	50%	0.2	0.5	0.367	DUWRIVES	63-384C	0.3 0.5	
Heptachlor	ug/kg, wet wt.	0 / 6	0%						0.1 0.6	
Heptachlorobiphenyls	ug/kg, wet wt.	6 / 6	100%	11	81	39.5	DUWRIVES	63-172C		
Hexachlorobiphenyls	ug/kg, wet wt.	6 / 6	100%	25	160	81.5	DUWRIVES	63-172C		
Nonachlorobiphenyls	ug/kg, wet wt.	6 / 6	100%	0.5	2	1.15	DUWRIVES	63-177C		
Octachlorobiphenyls	ug/kg, wet wt.	6 / 6	100%	0.5	17	5.73	DUWRIVES	63-172C		
PCB-209	ug/kg, wet wt.	6 / 6	100%	0.7	3	1.42	DUWRIVES	63-172C		
Pentachlorobiphenyls	ug/kg, wet wt.	6 / 6	100%	36	180	97.0	DUWRIVES	63-172C		
Tetrachlorobiphenyls	ug/kg, wet wt.	6 / 6	100%	26	130	65.2	DUWRIVES	63-172C		
Trichlorobiphenyls	ug/kg, wet wt.	6 / 6	100%	5	25	11.7	DUWRIVES	63-172C		
<b>Method:</b> EPA 8270										
Hexachlorobenzene	ug/kg, wet wt.	6 / 6	100%	1	2	1.67	DUWRIVES	63-384C		
Hexachlorobutadiene	ug/kg, wet wt.	0 / 6	0%						0.1 0.4	
Pentachlorobutadiene	ug/kg, wet wt.	0 / 6	0%						0.1 0.7	
Tetrachlorobutadiene	ug/kg, wet wt.	0 / 6	0%						0.1 1	
Trichlorobutadiene	ug/kg, wet wt.	0 / 6	0%						0.1 0.9	

**Table B-06. Summary of Chinook salmon (whole organism) chemistry from NOAA bioaccumulation study (NOAA-salmon)**

<b>Event Start Date:</b> 5/23/89		<b>Detected Concentration Summary</b>							<b>Reporting Limit</b>	
<b>Event Stop Date:</b> 6/28/90		<b>Det. Freq.</b>	<b>Min</b>	<b>Max</b>	<b>Average</b>	<b>Location of Max</b>	<b>Sample ID of Max.</b>	<b>Min</b>	<b>Max</b>	
<b>ParameterName</b>	<b>Units</b>									
<b>Method:</b> EPA 8080										
4,4'-DDD	ug/kg, wet wt.	5 / 5	100%	4	6	5.00	DUWRIVES	63-228C		
4,4'-DDE	ug/kg, wet wt.	5 / 5	100%	24	27	25.4	DUWRIVES	63-226C		
4,4'-DDT	ug/kg, wet wt.	5 / 5	100%	3	4	3.40	DUWRIVES	63-230C		
Aldrin	ug/kg, wet wt.	0 / 5	0%						0.1 0.2	
alpha-Chlordane	ug/kg, wet wt.	5 / 5	100%	1	2	1.80	DUWRIVES	63-230C		
Dieldrin	ug/kg, wet wt.	5 / 5	100%	0.3	2	1.46	DUWRIVES	63-230C		
gamma-BHC	ug/kg, wet wt.	0 / 5	0%						0.1 0.1	
Heptachlor	ug/kg, wet wt.	0 / 5	0%						0.1 0.2	
Heptachlorobiphenyls	ug/kg, wet wt.	5 / 5	100%	15	48	27.2	DUWRIVES	63-226C		
Hexachlorobiphenyls	ug/kg, wet wt.	5 / 5	100%	27	75	50.2	DUWRIVES	63-226C		
Nonachlorobiphenyls	ug/kg, wet wt.	5 / 5	100%	0.3	1	0.580	DUWRIVES	63-226C		
Octachlorobiphenyls	ug/kg, wet wt.	5 / 5	100%	3	11	5.20	DUWRIVES	63-226C		
PCB-209	ug/kg, wet wt.	3 / 5	60%	0.2	0.4	0.300	DUWRIVES	63-228C	0.08 0.1	
Pentachlorobiphenyls	ug/kg, wet wt.	5 / 5	100%	39	77	58.4	DUWRIVES	63-229C		
Tetrachlorobiphenyls	ug/kg, wet wt.	5 / 5	100%	26	48	38.2	DUWRIVES	63-229C		
Trichlorobiphenyls	ug/kg, wet wt.	5 / 5	100%	10	16	12.6	DUWRIVES	63-227C		
<b>Method:</b> EPA 8270										
Hexachlorobenzene	ug/kg, wet wt.	5 / 5	100%	0.6	2	1.72	DUWRIVES	63-230C		
Hexachlorobutadiene	ug/kg, wet wt.	0 / 5	0%						0.1 0.1	
Pentachlorobutadiene	ug/kg, wet wt.	0 / 5	0%						0.2 0.2	
Tetrachlorobutadiene	ug/kg, wet wt.	0 / 5	0%						0.3 0.4	
Trichlorobutadiene	ug/kg, wet wt.	0 / 5	0%						0.2 0.3	

**Table B-07. Summary of English sole (filet without skin) chemistry from Elliott Bay Duwamish River Fish Tissue Investigation (EVS 95)**

<b>Event Start Date:</b> 12/15/95		<b>Detected Concentration Summary</b>							<b>Reporting Limit</b>	
<b>Event Stop Date:</b> 12/15/98		<b>Det. Freq.</b>	<b>Min</b>	<b>Max</b>	<b>Average</b>	<b>Location of Max</b>	<b>Sample ID of Max.</b>	<b>Summary</b>		
<b>ParameterName</b>	<b>Units</b>							<b>Min</b>	<b>Max</b>	
<b>Method:</b> EPA 1631M										
Mercury (total)	ug/kg, wet wt.	18 / 18	100%	19.7	65.4	34.6	wf-01	wf-01		
Methylmercury	ug/kg, wet wt.	18 / 18	100%	18	66.7	36.5	wf-01	wf-01		
<b>Method:</b> EPA 8080										
Aroclor-1248	ug/kg, wet wt.	0 / 18	0%						5.9	11.8
Aroclor-1254	ug/kg, wet wt.	18 / 18	100%	17.1	489	155	ew-02	ew-02		
Aroclor-1260	ug/kg, wet wt.	17 / 18	94%	7.13	151	52.5	ew-02	ew-02	6.48	6.48
<b>Method:</b> Krone et al. 1989										
Tributyltin	ug/kg, wet wt.	4 / 18	22%	1.63	2.08	1.83	ww-03	ww-03	0.12	0.82
<b>Method:</b> PSEP, 1997										
Lipid	%, dry wt.	18 / 18	100%	3.24	11.8	8.62	du-03	du-03		

**Table B-08. Summary of amphipod (whole body) chemistry from King County Water Quality Assessment (KC WQA)**

<b>Event Start Date:</b> 2/1/97		<b>Detected Concentration Summary</b>							<b>Reporting Limit</b>	
<b>Event Stop Date:</b> 6/1/97		<b>Det. Freq.</b>	<b>Min</b>	<b>Max</b>	<b>Average</b>	<b>Location of Max</b>	<b>Sample ID of Max.</b>	<b>Min</b>	<b>Max</b>	
<b>ParameterName</b>	<b>Units</b>									
<b>Method:</b> EPA 6020										
Antimony (total)	mg/kg, wet wt.	3 / 4	75%	0.024	0.069	0.0400	WQA- INVERTEBRAT ES	L11193-2	0.023	0.023
Arsenic (total)	mg/kg, wet wt.	4 / 4	100%	0.96	1.47	1.18	WQA- INVERTEBRAT ES	L11193-2		
Cadmium (total)	mg/kg, wet wt.	4 / 4	100%	0.017	0.145	0.0563	WQA- INVERTEBRAT ES	L11193-2		
Chromium (total)	mg/kg, wet wt.	4 / 4	100%	0.45	0.56	0.514	Kellogg Island #1	L13905-1		
Copper (total)	mg/kg, wet wt.	4 / 4	100%	9.77	29.9	18.6	WQA- INVERTEBRAT ES	L11193-2		
Lead (total)	mg/kg, wet wt.	4 / 4	100%	0.952	7.42	3.72	WQA- INVERTEBRAT ES	L11193-2		
Nickel (total)	mg/kg, wet wt.	4 / 4	100%	0.479	0.771	0.594	WQA- INVERTEBRAT ES	L11193-2		
Silver (total)	mg/kg, wet wt.	4 / 4	100%	0.06	0.099	0.0800	WQA- INVERTEBRAT ES	L11193-1		
Thallium (total)	mg/kg, wet wt.	0 / 2	0%						0.02	0.023
Zinc (total)	mg/kg, wet wt.	4 / 4	100%	7.86	26.3	13.6	WQA- INVERTEBRAT ES	L11193-2		
<b>Method:</b> EPA 7471										
Mercury (total)	mg/kg, wet wt.	4 / 4	100%	0.0067	0.017	0.0111	WQA- INVERTEBRAT ES	L11193-2		
<b>Method:</b> EPA 8080										
Aroclor-1016	ug/kg, wet wt.	0 / 4	0%						8	8
Aroclor-1221	ug/kg, wet wt.	0 / 4	0%						8	8
Aroclor-1232	ug/kg, wet wt.	0 / 4	0%						8	8
Aroclor-1242	ug/kg, wet wt.	0 / 4	0%						8	8

**Table B-08. Summary of amphipod (whole body) chemistry from King County Water Quality Assessment (KC WQA)**

<b>Event Start Date:</b>		2/1/97		<b>Detected Concentration Summary</b>						<b>Reporting Limit</b>	
<b>Event Stop Date:</b>		6/1/97									
<b>ParameterName</b>	<b>Units</b>	<b>Det. Freq.</b>	<b>Min</b>	<b>Max</b>	<b>Average</b>	<b>Location of Max</b>	<b>Sample ID of Max.</b>	<b>Summary Min</b>	<b>Summary Max</b>		
<b>Method:</b> EPA 8080											
Aroclor-1248	ug/kg, wet wt.	4 / 4	100%	22.5	29	26.3	Kellogg Island #2	L13905-2			
Aroclor-1254	ug/kg, wet wt.	4 / 4	100%	36.3	297	124	WQA-INVERTEBRATES	L11193-2			
Aroclor-1260	ug/kg, wet wt.	4 / 4	100%	43.1	120	75.6	WQA-INVERTEBRATES	L11193-1			
<b>Method:</b> EPA 8270											
1,2,4-Trichlorobenzene	ug/kg, wet wt.	0 / 4	0%						24	24	
1,2-Dichlorobenzene	ug/kg, wet wt.	0 / 4	0%						24	24	
1,2-Diphenylhydrazine	ug/kg, wet wt.	0 / 4	0%						80	80	
1,3-Dichlorobenzene	ug/kg, wet wt.	0 / 4	0%						24	24	
1,4-Dichlorobenzene	ug/kg, wet wt.	0 / 4	0%						24	24	
2,4,5-Trichlorophenol	ug/kg, wet wt.	0 / 4	0%						160	160	
2,4,6-Trichlorophenol	ug/kg, wet wt.	0 / 4	0%						160	160	
2,4-Dichlorophenol	ug/kg, wet wt.	0 / 4	0%						40	40	
2,4-Dimethylphenol	ug/kg, wet wt.	0 / 4	0%						40	40	
2,4-Dinitrophenol	ug/kg, wet wt.	0 / 4	0%						80	80	
2,4-Dinitrotoluene	ug/kg, wet wt.	0 / 4	0%						16	16	
2,6-Dinitrotoluene	ug/kg, wet wt.	0 / 4	0%						16	16	
2-Chloronaphthalene	ug/kg, wet wt.	0 / 4	0%						24	24	
2-Chlorophenol	ug/kg, wet wt.	0 / 4	0%						80	80	
2-Methylnaphthalene	ug/kg, wet wt.	0 / 4	0%						64	64	
2-Methylphenol	ug/kg, wet wt.	0 / 4	0%						40	40	
2-Nitroaniline	ug/kg, wet wt.	0 / 4	0%						160	160	
2-Nitrophenol	ug/kg, wet wt.	0 / 4	0%						40	40	
3,3'-Dichlorobenzidine	ug/kg, wet wt.	0 / 4	0%						40	40	
3-Nitroaniline	ug/kg, wet wt.	0 / 4	0%						160	160	
4,6-Dinitro-o-cresol	ug/kg, wet wt.	0 / 4	0%						80	80	
4-Bromophenyl phenyl ether	ug/kg, wet wt.	0 / 4	0%						16	16	
4-Chloro-3-methylphenol	ug/kg, wet wt.	0 / 4	0%						80	80	
4-Chloroaniline	ug/kg, wet wt.	0 / 4	0%						80	80	
4-Chlorophenyl ether	ug/kg, wet wt.	0 / 2	0%						24	24	

**Table B-08. Summary of amphipod (whole body) chemistry from King County Water Quality Assessment (KC WQA)**

<b>Event Start Date:</b>		2/1/97		<b>Detected Concentration Summary</b>					<b>Reporting Limit</b>	
<b>Event Stop Date:</b>		6/1/97								
<b>ParameterName</b>	<b>Units</b>	<b>Det. Freq.</b>	<b>Min</b>	<b>Max</b>	<b>Average</b>	<b>Location of Max</b>	<b>Sample ID of Max.</b>	<b>Summary Min</b>	<b>Summary Max</b>	
<b>Method:</b> EPA 8270										
4-Chlorophenyl phenyl ether	ug/kg, wet wt.	0 / 2	0%					24	24	
4-Methylphenol	ug/kg, wet wt.	0 / 4	0%					40	40	
4-Nitroaniline	ug/kg, wet wt.	0 / 4	0%					160	160	
4-Nitrophenol	ug/kg, wet wt.	0 / 4	0%					80	80	
Acenaphthene	ug/kg, wet wt.	0 / 4	0%					16	16	
Acenaphthylene	ug/kg, wet wt.	0 / 4	0%					24	24	
Aniline	ug/kg, wet wt.	0 / 4	0%					80	80	
Anthracene	ug/kg, wet wt.	0 / 4	0%					24	24	
Benzidine	ug/kg, wet wt.	0 / 4	0%					960	960	
Benzo(a)anthracene	ug/kg, wet wt.	0 / 4	0%					24	24	
Benzo(a)pyrene	ug/kg, wet wt.	0 / 4	0%					40	40	
Benzo(b)fluoranthene	ug/kg, wet wt.	0 / 4	0%					64	64	
Benzo(g,h,i)perylene	ug/kg, wet wt.	0 / 4	0%					40	40	
Benzo(k)fluoranthene	ug/kg, wet wt.	0 / 4	0%					64	64	
Benzoic acid	ug/kg, wet wt.	0 / 4	0%					160	160	
Benzyl alcohol	ug/kg, wet wt.	0 / 4	0%					40	40	
bis(2-chloroethoxy)methane	ug/kg, wet wt.	0 / 4	0%					40	40	
bis(2-chloroethyl)ether	ug/kg, wet wt.	0 / 4	0%					24	24	
bis(2-ethylhexyl)phthalate	ug/kg, wet wt.	2 / 4	50%	166	531	349	WQA- INVERTEBRAT ES	L11193-1	24	24
bis-chloroisopropyl ether	ug/kg, wet wt.	0 / 4	0%					80	80	
Butyl benzyl phthalate	ug/kg, wet wt.	0 / 4	0%					24	24	
Caffeine	ug/kg, wet wt.	0 / 4	0%					8	8	
Carbazole	ug/kg, wet wt.	0 / 4	0%					40	40	
Chrysene	ug/kg, wet wt.	0 / 4	0%					24	24	
Coprostanol	ug/kg, wet wt.	0 / 4	0%					160	160	
Dibenzo(a,h)anthracene	ug/kg, wet wt.	0 / 4	0%					64	64	
Dibenzofuran	ug/kg, wet wt.	0 / 4	0%					40	40	
Diethyl phthalate	ug/kg, wet wt.	0 / 4	0%					40	40	
Dimethyl phthalate	ug/kg, wet wt.	0 / 4	0%					16	16	
Di-n-butyl phthalate	ug/kg, wet wt.	0 / 4	0%					40	40	
Di-n-octyl phthalate	ug/kg, wet wt.	0 / 4	0%					24	24	

**Table B-08. Summary of amphipod (whole body) chemistry from King County Water Quality Assessment (KC WQA)**

<b>Event Start Date:</b> 2/1/97		<b>Detected Concentration Summary</b>							<b>Reporting Limit</b>	
<b>Event Stop Date:</b> 6/1/97		<b>Det. Freq.</b>	<b>Min</b>	<b>Max</b>	<b>Average</b>	<b>Location of Max</b>	<b>Sample ID of Max.</b>	<b>Summary Min</b>	<b>Summary Max</b>	
<b>ParameterName</b>	<b>Units</b>									
<b>Method:</b> EPA 8270										
Fluoranthene	ug/kg, wet wt.	1 / 4	25%	84	84	84.0	WQA- INVERTEBRAT ES	L11193-1	24	24
Fluorene	ug/kg, wet wt.	0 / 4	0%						24	24
Hexachlorobenzene	ug/kg, wet wt.	0 / 4	0%						24	24
Hexachlorobutadiene	ug/kg, wet wt.	0 / 4	0%						40	40
Hexachlorocyclopentadiene	ug/kg, wet wt.	0 / 4	0%						40	40
Hexachloroethane	ug/kg, wet wt.	0 / 4	0%						40	40
Indeno(1,2,3-cd)pyrene	ug/kg, wet wt.	0 / 4	0%						40	40
Isophorone	ug/kg, wet wt.	0 / 4	0%						40	40
Naphthalene	ug/kg, wet wt.	0 / 4	0%						64	64
Nitrobenzene	ug/kg, wet wt.	0 / 4	0%						40	40
N-Nitrosodimethylamine	ug/kg, wet wt.	0 / 4	0%						160	160
N-Nitroso-di-n-propylamine	ug/kg, wet wt.	0 / 4	0%						40	40
N-Nitrosodiphenylamine	ug/kg, wet wt.	0 / 4	0%						40	40
Pentachlorophenol	ug/kg, wet wt.	0 / 4	0%						40	40
Phenanthrene	ug/kg, wet wt.	0 / 4	0%						24	24
Phenol	ug/kg, wet wt.	2 / 4	50%	1400	2210	1810	Kellogg Island #2	L13905-2	160	160
Pyrene	ug/kg, wet wt.	1 / 4	25%	157	157	157	WQA- INVERTEBRAT ES	L11193-1	24	24
<b>Method:</b> Krone et al. 1989										
Dibutyltin	ug/kg, wet wt.	2 / 2	100%	2.07	2.83	2.45	Kellogg Island #1	L13905-1		
Monobutyltin	ug/kg, wet wt.	2 / 2	100%	2.8	10.2	6.50	Kellogg Island #1	L13905-1		
Tetrabutyltin	ug/kg, wet wt.	0 / 2	0%						0.4	0.4
Tributyltin	ug/kg, wet wt.	4 / 4	100%	17.6	36	29.1	WQA- INVERTEBRAT ES	L11193-1		
<b>Method:</b> PSEP, 1997										
Lipid	%, wet wt.	4 / 4	100%	0.66	5.28	2.95	WQA- INVERTEBRAT ES	L11193-2		

**Table B-08. Summary of amphipod (whole body) chemistry from King County Water Quality Assessment (KC WQA)**

<b>Event Start Date:</b>		2/1/97		<b>Detected Concentration Summary</b>						<b>Reporting Limit</b>	
<b>Event Stop Date:</b>		6/1/97								<b>Summary</b>	
<b>ParameterName</b>	<b>Units</b>	<b>Det. Freq.</b>	<b>Min</b>	<b>Max</b>	<b>Average</b>	<b>Location of Max</b>	<b>Sample ID of Max.</b>	<b>Min</b>	<b>Max</b>		
<b>Method:</b>	SM 2540-G										
Total solids	%, wet wt.	2 / 2	100%	17.5	18.3	17.9	Amphipods - Kellogg Island	L14456-2			



**Table B-09. Summary of Dungeness crab (edible meat) chemistry from King County Water Quality Assessment (KC WQA)**

<b>Event Start Date:</b>		2/1/97		<b>Detected Concentration Summary</b>						<b>Reporting Limit</b>	
<b>Event Stop Date:</b>		6/1/97									
<b>ParameterName</b>	<b>Units</b>	<b>Det. Freq.</b>	<b>Min</b>	<b>Max</b>	<b>Average</b>	<b>Location of Max</b>	<b>Sample ID of Max.</b>	<b>Summary Min</b>	<b>Summary Max</b>		
<b>Method:</b> EPA 6020											
Antimony (total)	mg/kg, wet wt.	0 / 2	0%					0.02	0.02		
Arsenic (total)	mg/kg, wet wt.	2 / 2	100%	7.39	12.5	9.95	DU-H07	L10913-6			
Cadmium (total)	mg/kg, wet wt.	2 / 2	100%	0.012	0.022	0.0170	DU-H07	L10913-6			
Chromium (total)	mg/kg, wet wt.	2 / 2	100%	0.13	0.16	0.145	DU-H07	L10913-4			
Copper (total)	mg/kg, wet wt.	2 / 2	100%	13.4	15.8	14.6	DU-H07	L10913-4			
Lead (total)	mg/kg, wet wt.	2 / 2	100%	0.242	0.244	0.243	DU-H07	L10913-4			
Nickel (total)	mg/kg, wet wt.	2 / 2	100%	0.054	0.121	0.0875	DU-H07	L10913-4			
Silver (total)	mg/kg, wet wt.	2 / 2	100%	0.114	0.187	0.151	DU-H07	L10913-4			
Zinc (total)	mg/kg, wet wt.	2 / 2	100%	34.4	39.1	36.8	DU-H07	L10913-6			
<b>Method:</b> EPA 7471											
Mercury (total)	mg/kg, wet wt.	2 / 2	100%	0.0896	0.111	0.100	DU-H07	L10913-6			
<b>Method:</b> EPA 8080											
Aroclor-1016	ug/kg, wet wt.	0 / 2	0%					5.3	5.3		
Aroclor-1221	ug/kg, wet wt.	0 / 2	0%					5.3	5.3		
Aroclor-1232	ug/kg, wet wt.	0 / 2	0%					5.3	5.3		
Aroclor-1242	ug/kg, wet wt.	0 / 2	0%					5.3	5.3		
Aroclor-1248	ug/kg, wet wt.	1 / 2	50%	9	9	9.00	DU-H07	L10913-4	5.3		
Aroclor-1254	ug/kg, wet wt.	2 / 2	100%	96.8	126	111	DU-H07	L10913-4			
Aroclor-1260	ug/kg, wet wt.	2 / 2	100%	38.1	41.6	39.9	DU-H07	L10913-4			
<b>Method:</b> EPA 8270											
1,2,4-Trichlorobenzene	ug/kg, wet wt.	0 / 2	0%					16	16		
1,2-Dichlorobenzene	ug/kg, wet wt.	0 / 2	0%					16	16		
1,2-Diphenylhydrazine	ug/kg, wet wt.	0 / 2	0%					53	53		
1,3-Dichlorobenzene	ug/kg, wet wt.	0 / 2	0%					16	16		
1,4-Dichlorobenzene	ug/kg, wet wt.	0 / 2	0%					16	16		
2,4,5-Trichlorophenol	ug/kg, wet wt.	0 / 2	0%					110	110		
2,4,6-Trichlorophenol	ug/kg, wet wt.	0 / 2	0%					110	110		
2,4-Dichlorophenol	ug/kg, wet wt.	0 / 2	0%					27	27		
2,4-Dimethylphenol	ug/kg, wet wt.	0 / 2	0%					27	27		
2,4-Dinitrophenol	ug/kg, wet wt.	0 / 2	0%					53	53		
2,4-Dinitrotoluene	ug/kg, wet wt.	0 / 2	0%					11	11		
2,6-Dinitrotoluene	ug/kg, wet wt.	0 / 2	0%					11	11		
2-Chloronaphthalene	ug/kg, wet wt.	0 / 2	0%					16	16		

**Table B-09. Summary of Dungeness crab (edible meat) chemistry from King County Water Quality Assessment (KC WQA)**

<b>Event Start Date:</b> 2/1/97		<b>Detected Concentration Summary</b>						<b>Reporting Limit</b>	
<b>Event Stop Date:</b> 6/1/97		<b>Det. Freq.</b>	<b>Min</b>	<b>Max</b>	<b>Average</b>	<b>Location of Max</b>	<b>Sample ID of Max.</b>	<b>Summary Min</b>	<b>Summary Max</b>
<b>ParameterName</b>	<b>Units</b>								
<b>Method:</b> EPA 8270									
2-Chlorophenol	ug/kg, wet wt.	0 / 2	0%					53	53
2-Methylnaphthalene	ug/kg, wet wt.	0 / 2	0%					43	43
2-Methylphenol	ug/kg, wet wt.	0 / 2	0%					27	27
2-Nitroaniline	ug/kg, wet wt.	0 / 2	0%					110	110
2-Nitrophenol	ug/kg, wet wt.	0 / 2	0%					27	27
3,3'-Dichlorobenzidine	ug/kg, wet wt.	0 / 2	0%					27	27
3-Nitroaniline	ug/kg, wet wt.	0 / 2	0%					110	110
4,6-Dinitro-o-cresol	ug/kg, wet wt.	0 / 2	0%					53	53
4-Bromophenyl phenyl ether	ug/kg, wet wt.	0 / 2	0%					11	11
4-Chloro-3-methylphenol	ug/kg, wet wt.	0 / 2	0%					53	53
4-Chloroaniline	ug/kg, wet wt.	0 / 2	0%					53	53
4-Chlorophenyl ether	ug/kg, wet wt.	0 / 2	0%					16	16
4-Methylphenol	ug/kg, wet wt.	0 / 2	0%					27	27
4-Nitroaniline	ug/kg, wet wt.	0 / 2	0%					110	110
4-Nitrophenol	ug/kg, wet wt.	0 / 2	0%					53	53
Acenaphthene	ug/kg, wet wt.	0 / 2	0%					11	11
Acenaphthylene	ug/kg, wet wt.	0 / 2	0%					16	16
Aniline	ug/kg, wet wt.	0 / 2	0%					53	53
Anthracene	ug/kg, wet wt.	0 / 2	0%					16	16
Benzidine	ug/kg, wet wt.	0 / 2	0%					640	640
Benzo(a)anthracene	ug/kg, wet wt.	0 / 2	0%					16	16
Benzo(a)pyrene	ug/kg, wet wt.	0 / 2	0%					27	27
Benzo(b)fluoranthene	ug/kg, wet wt.	0 / 2	0%					43	43
Benzo(g,h,i)perylene	ug/kg, wet wt.	0 / 2	0%					27	27
Benzo(k)fluoranthene	ug/kg, wet wt.	0 / 2	0%					43	43
Benzoic acid	ug/kg, wet wt.	0 / 2	0%					110	110
Benzyl alcohol	ug/kg, wet wt.	0 / 2	0%					27	27
bis(2-chloroethoxy)methane	ug/kg, wet wt.	0 / 2	0%					27	27
bis(2-chloroethyl)ether	ug/kg, wet wt.	0 / 2	0%					16	16
bis(2-ethylhexyl)phthalate	ug/kg, wet wt.	0 / 2	0%					16	16
bis-chloroisopropyl ether	ug/kg, wet wt.	0 / 2	0%					53	53
Butyl benzyl phthalate	ug/kg, wet wt.	0 / 2	0%					16	16
Caffeine	ug/kg, wet wt.	0 / 2	0%					5.3	5.3

**Table B-09. Summary of Dungeness crab (edible meat) chemistry from King County Water Quality Assessment (KC WQA)**

<b>Event Start Date:</b>		2/1/97		<b>Detected Concentration Summary</b>						<b>Reporting Limit</b>	
<b>Event Stop Date:</b>		6/1/97									
<b>ParameterName</b>	<b>Units</b>	<b>Det. Freq.</b>	<b>Min</b>	<b>Max</b>	<b>Average</b>	<b>Location of Max</b>	<b>Sample ID of Max.</b>	<b>Summary Min</b>	<b>Summary Max</b>		
<b>Method:</b> EPA 8270											
Carbazole	ug/kg, wet wt.	0 / 2	0%					27	27		
Chrysene	ug/kg, wet wt.	0 / 2	0%					16	16		
Coprostanol	ug/kg, wet wt.	0 / 2	0%					110	110		
Dibenzo(a,h)anthracene	ug/kg, wet wt.	0 / 2	0%					43	43		
Dibenzofuran	ug/kg, wet wt.	0 / 2	0%					27	27		
Diethyl phthalate	ug/kg, wet wt.	0 / 2	0%					27	27		
Dimethyl phthalate	ug/kg, wet wt.	0 / 2	0%					11	11		
Di-n-butyl phthalate	ug/kg, wet wt.	0 / 2	0%					27	27		
Di-n-octyl phthalate	ug/kg, wet wt.	0 / 2	0%					16	16		
Fluoranthene	ug/kg, wet wt.	0 / 2	0%					16	16		
Fluorene	ug/kg, wet wt.	0 / 2	0%					16	16		
Hexachlorobenzene	ug/kg, wet wt.	0 / 2	0%					16	16		
Hexachlorobutadiene	ug/kg, wet wt.	0 / 2	0%					27	27		
Hexachlorocyclopentadiene	ug/kg, wet wt.	0 / 2	0%					27	27		
Hexachloroethane	ug/kg, wet wt.	0 / 2	0%					27	27		
Indeno(1,2,3-cd)pyrene	ug/kg, wet wt.	0 / 2	0%					27	27		
Isophorone	ug/kg, wet wt.	0 / 2	0%					27	27		
Naphthalene	ug/kg, wet wt.	0 / 2	0%					43	43		
Nitrobenzene	ug/kg, wet wt.	0 / 2	0%					27	27		
N-Nitrosodimethylamine	ug/kg, wet wt.	0 / 2	0%					110	110		
N-Nitroso-di-n-propylamine	ug/kg, wet wt.	0 / 2	0%					27	27		
N-Nitrosodiphenylamine	ug/kg, wet wt.	0 / 2	0%					27	27		
Pentachlorophenol	ug/kg, wet wt.	0 / 2	0%					27	27		
Phenanthrene	ug/kg, wet wt.	0 / 2	0%					16	16		
Phenol	ug/kg, wet wt.	0 / 2	0%					110	110		
Pyrene	ug/kg, wet wt.	0 / 2	0%					16	16		
<b>Method:</b> Krone et al. 1989											
Tributyltin	ug/kg, wet wt.	2 / 2	100%	46.6	81.9	64.3	DU-H07	L10913-4			
<b>Method:</b> PSEP, 1997											
Lipid	%, wet wt.	2 / 2	100%	1.61	2.42	2.02	DU-H07	L10913-6			
<b>Method:</b> SM 2540-G											
Total solids	%, wet wt.	2 / 2	100%	19.1	21.6	20.4	DU-H07	L10913-4			

**Table B-10. Summary of Dungeness crab (edible meat cooked) chemistry from King County Water Quality Assessment (KC WQA)**

<b>Event Start Date:</b>		2/1/97		<b>Detected Concentration Summary</b>						<b>Reporting Limit</b>	
<b>Event Stop Date:</b>		6/1/97									
<b>ParameterName</b>	<b>Units</b>	<b>Det. Freq.</b>	<b>Min</b>	<b>Max</b>	<b>Average</b>	<b>Location of Max</b>	<b>Sample ID of Max.</b>	<b>Summary Min</b>	<b>Summary Max</b>		
<b>Method:</b> EPA 6020											
Antimony (total)	mg/kg, wet wt.	0 / 2	0%					0.02	0.02		
Arsenic (total)	mg/kg, wet wt.	2 / 2	100%	4.57	5.12	4.85	DU-H07	L10913-1			
Cadmium (total)	mg/kg, wet wt.	2 / 2	100%	0.025	0.04	0.0325	DU-H07	L10913-1			
Chromium (total)	mg/kg, wet wt.	2 / 2	100%	0.074	0.079	0.0765	DU-H07	L10913-2			
Copper (total)	mg/kg, wet wt.	2 / 2	100%	7.56	12.6	10.1	DU-H07	L10913-2			
Lead (total)	mg/kg, wet wt.	2 / 2	100%	0.024	0.032	0.0280	DU-H07	L10913-1			
Nickel (total)	mg/kg, wet wt.	2 / 2	100%	0.057	0.069	0.0630	DU-H07	L10913-1			
Silver (total)	mg/kg, wet wt.	2 / 2	100%	0.067	0.115	0.0910	DU-H07	L10913-2			
Zinc (total)	mg/kg, wet wt.	1 / 1	100%	36.7	36.7	36.7	DU-H07	L10913-1			
<b>Method:</b> EPA 7471											
Mercury (total)	mg/kg, wet wt.	2 / 2	100%	0.105	0.138	0.122	DU-H07	L10913-2			
<b>Method:</b> EPA 8080											
Aroclor-1016	ug/kg, wet wt.	0 / 1	0%					5.3	5.3		
Aroclor-1221	ug/kg, wet wt.	0 / 1	0%					5.3	5.3		
Aroclor-1232	ug/kg, wet wt.	0 / 1	0%					5.3	5.3		
Aroclor-1242	ug/kg, wet wt.	0 / 1	0%					5.3	5.3		
Aroclor-1248	ug/kg, wet wt.	0 / 1	0%					5.3	5.3		
Aroclor-1254	ug/kg, wet wt.	1 / 1	100%	42.4	42.4	42.4	DU-H07	L10913-1			
Aroclor-1260	ug/kg, wet wt.	1 / 1	100%	32.1	32.1	32.1	DU-H07	L10913-1			
<b>Method:</b> EPA 8270											
1,2,4-Trichlorobenzene	ug/kg, wet wt.	0 / 2	0%					16	16		
1,2-Dichlorobenzene	ug/kg, wet wt.	0 / 2	0%					16	16		
1,2-Diphenylhydrazine	ug/kg, wet wt.	0 / 2	0%					53	53		
1,3-Dichlorobenzene	ug/kg, wet wt.	0 / 2	0%					16	16		
1,4-Dichlorobenzene	ug/kg, wet wt.	0 / 2	0%					16	16		
2,4,5-Trichlorophenol	ug/kg, wet wt.	0 / 2	0%					110	110		
2,4,6-Trichlorophenol	ug/kg, wet wt.	0 / 2	0%					110	110		
2,4-Dichlorophenol	ug/kg, wet wt.	0 / 2	0%					27	27		
2,4-Dimethylphenol	ug/kg, wet wt.	0 / 2	0%					27	27		
2,4-Dinitrophenol	ug/kg, wet wt.	0 / 2	0%					53	53		
2,4-Dinitrotoluene	ug/kg, wet wt.	0 / 2	0%					11	11		
2,6-Dinitrotoluene	ug/kg, wet wt.	0 / 2	0%					11	11		
2-Chloronaphthalene	ug/kg, wet wt.	0 / 2	0%					16	16		

**Table B-10. Summary of Dungeness crab (edible meat cooked) chemistry from King County Water Quality Assessment (KC WQA)**

<b>Event Start Date:</b> 2/1/97		<b>Detected Concentration Summary</b>						<b>Reporting Limit</b>	
<b>Event Stop Date:</b> 6/1/97		<b>Det. Freq.</b>	<b>Min</b>	<b>Max</b>	<b>Average</b>	<b>Location of Max</b>	<b>Sample ID of Max.</b>	<b>Summary Min</b>	<b>Summary Max</b>
<b>ParameterName</b>	<b>Units</b>								
<b>Method:</b> EPA 8270									
2-Chlorophenol	ug/kg, wet wt.	0 / 2	0%					53	53
2-Methylnaphthalene	ug/kg, wet wt.	0 / 2	0%					43	43
2-Methylphenol	ug/kg, wet wt.	0 / 2	0%					27	27
2-Nitroaniline	ug/kg, wet wt.	0 / 2	0%					110	110
2-Nitrophenol	ug/kg, wet wt.	0 / 2	0%					27	27
3,3'-Dichlorobenzidine	ug/kg, wet wt.	0 / 2	0%					27	27
3-Nitroaniline	ug/kg, wet wt.	0 / 2	0%					110	110
4,6-Dinitro-o-cresol	ug/kg, wet wt.	0 / 2	0%					53	53
4-Bromophenyl phenyl ether	ug/kg, wet wt.	0 / 2	0%					11	11
4-Chloro-3-methylphenol	ug/kg, wet wt.	0 / 2	0%					53	53
4-Chloroaniline	ug/kg, wet wt.	0 / 2	0%					53	53
4-Chlorophenyl ether	ug/kg, wet wt.	0 / 2	0%					16	16
4-Methylphenol	ug/kg, wet wt.	0 / 2	0%					27	27
4-Nitroaniline	ug/kg, wet wt.	0 / 2	0%					110	110
4-Nitrophenol	ug/kg, wet wt.	0 / 2	0%					53	53
Acenaphthene	ug/kg, wet wt.	0 / 2	0%					11	11
Acenaphthylene	ug/kg, wet wt.	0 / 2	0%					16	16
Aniline	ug/kg, wet wt.	0 / 2	0%					53	53
Anthracene	ug/kg, wet wt.	0 / 2	0%					16	16
Benzidine	ug/kg, wet wt.	0 / 2	0%					640	640
Benzo(a)anthracene	ug/kg, wet wt.	0 / 2	0%					16	16
Benzo(a)pyrene	ug/kg, wet wt.	0 / 2	0%					27	27
Benzo(b)fluoranthene	ug/kg, wet wt.	0 / 2	0%					43	43
Benzo(g,h,i)perylene	ug/kg, wet wt.	0 / 2	0%					27	27
Benzo(k)fluoranthene	ug/kg, wet wt.	0 / 2	0%					43	43
Benzoic acid	ug/kg, wet wt.	0 / 2	0%					110	110
Benzyl alcohol	ug/kg, wet wt.	0 / 2	0%					27	27
bis(2-chloroethoxy)methane	ug/kg, wet wt.	0 / 2	0%					27	27
bis(2-chloroethyl)ether	ug/kg, wet wt.	0 / 2	0%					16	16
bis(2-ethylhexyl)phthalate	ug/kg, wet wt.	0 / 2	0%					16	16
bis-chloroisopropyl ether	ug/kg, wet wt.	0 / 2	0%					53	53
Butyl benzyl phthalate	ug/kg, wet wt.	0 / 2	0%					16	16
Caffeine	ug/kg, wet wt.	0 / 2	0%					5.3	5.3

**Table B-10. Summary of Dungeness crab (edible meat cooked) chemistry from King County Water Quality Assessment (KC WQA)**

<b>Event Start Date:</b>		2/1/97		<b>Detected Concentration Summary</b>					<b>Reporting Limit</b>	
<b>Event Stop Date:</b>		6/1/97								
<b>ParameterName</b>	<b>Units</b>	<b>Det. Freq.</b>	<b>Min</b>	<b>Max</b>	<b>Average</b>	<b>Location of Max</b>	<b>Sample ID of Max.</b>	<b>Summary Min</b>	<b>Summary Max</b>	
<b>Method:</b> EPA 8270										
Carbazole	ug/kg, wet wt.	0 / 2	0%					27	27	
Chrysene	ug/kg, wet wt.	0 / 2	0%					16	16	
Coprostanol	ug/kg, wet wt.	0 / 2	0%					110	110	
Dibenzo(a,h)anthracene	ug/kg, wet wt.	0 / 2	0%					43	43	
Dibenzofuran	ug/kg, wet wt.	0 / 2	0%					27	27	
Diethyl phthalate	ug/kg, wet wt.	0 / 2	0%					27	27	
Dimethyl phthalate	ug/kg, wet wt.	0 / 2	0%					11	11	
Di-n-butyl phthalate	ug/kg, wet wt.	0 / 2	0%					27	27	
Di-n-octyl phthalate	ug/kg, wet wt.	0 / 2	0%					16	16	
Fluoranthene	ug/kg, wet wt.	0 / 2	0%					16	16	
Fluorene	ug/kg, wet wt.	0 / 2	0%					16	16	
Hexachlorobenzene	ug/kg, wet wt.	0 / 2	0%					16	16	
Hexachlorobutadiene	ug/kg, wet wt.	0 / 2	0%					27	27	
Hexachlorocyclopentadiene	ug/kg, wet wt.	0 / 2	0%					27	27	
Hexachloroethane	ug/kg, wet wt.	0 / 2	0%					27	27	
Indeno(1,2,3-cd)pyrene	ug/kg, wet wt.	0 / 2	0%					27	27	
Isophorone	ug/kg, wet wt.	2 / 2	100%	33	36	34.5	DU-H07	L10913-2		
Naphthalene	ug/kg, wet wt.	0 / 2	0%					43	43	
Nitrobenzene	ug/kg, wet wt.	0 / 2	0%					27	27	
N-Nitrosodimethylamine	ug/kg, wet wt.	0 / 2	0%					110	110	
N-Nitroso-di-n-propylamine	ug/kg, wet wt.	0 / 2	0%					27	27	
N-Nitrosodiphenylamine	ug/kg, wet wt.	0 / 2	0%					27	27	
Pentachlorophenol	ug/kg, wet wt.	0 / 2	0%					27	27	
Phenanthrene	ug/kg, wet wt.	0 / 2	0%					16	16	
Phenol	ug/kg, wet wt.	0 / 2	0%					110	110	
Pyrene	ug/kg, wet wt.	0 / 2	0%					16	16	
<b>Method:</b> Krone et al. 1989										
Tributyltin	ug/kg, wet wt.	2 / 2	100%	79.3	82	80.7	DU-H07	L10913-1		
<b>Method:</b> PSEP, 1997										
Lipid	%, wet wt.	2 / 2	100%	1.7	2.43	2.07	DU-H07	L10913-2		
<b>Method:</b> SM 2540-G										
Total solids	%, wet wt.	2 / 2	100%	21.5	24.5	23.0	DU-H07	L10913-2		

**Table B-11. Summary of Dungeness crab (hepatopancreas) chemistry from King County Water Quality Assessment (KC WQA)**

<b>Event Start Date:</b>		2/1/97		<b>Detected Concentration Summary</b>						<b>Reporting Limit</b>	
<b>Event Stop Date:</b>		6/1/97									
<b>ParameterName</b>	<b>Units</b>	<b>Det. Freq.</b>	<b>Min</b>	<b>Max</b>	<b>Average</b>	<b>Location of Max</b>	<b>Sample ID of Max.</b>	<b>Summary Min</b>	<b>Summary Max</b>		
<b>Method:</b> EPA 6020											
Antimony (total)	mg/kg, wet wt.	0 / 1	0%					0.02	0.02		
Arsenic (total)	mg/kg, wet wt.	1 / 1	100%	6.98	6.98	6.98	DU-H07	L10913-7			
Cadmium (total)	mg/kg, wet wt.	1 / 1	100%	0.112	0.112	0.112	DU-H07	L10913-7			
Chromium (total)	mg/kg, wet wt.	1 / 1	100%	0.083	0.083	0.0830	DU-H07	L10913-7			
Copper (total)	mg/kg, wet wt.	1 / 1	100%	42.9	42.9	42.9	DU-H07	L10913-7			
Lead (total)	mg/kg, wet wt.	1 / 1	100%	0.182	0.182	0.182	DU-H07	L10913-7			
Nickel (total)	mg/kg, wet wt.	1 / 1	100%	0.24	0.24	0.240	DU-H07	L10913-7			
Silver (total)	mg/kg, wet wt.	1 / 1	100%	0.501	0.501	0.501	DU-H07	L10913-7			
Zinc (total)	mg/kg, wet wt.	1 / 1	100%	19.1	19.1	19.1	DU-H07	L10913-7			
<b>Method:</b> EPA 7471											
Mercury (total)	mg/kg, wet wt.	1 / 1	100%	0.0672	0.0672	0.0672	DU-H07	L10913-7			
<b>Method:</b> EPA 8080											
Aroclor-1016	ug/kg, wet wt.	0 / 1	0%					40	40		
Aroclor-1221	ug/kg, wet wt.	0 / 1	0%					40	40		
Aroclor-1232	ug/kg, wet wt.	0 / 1	0%					40	40		
Aroclor-1242	ug/kg, wet wt.	0 / 1	0%					40	40		
Aroclor-1248	ug/kg, wet wt.	1 / 1	100%	122	122	122	DU-H07	L10913-7			
Aroclor-1254	ug/kg, wet wt.	1 / 1	100%	1080	1080	1080	DU-H07	L10913-7			
Aroclor-1260	ug/kg, wet wt.	1 / 1	100%	445	445	445	DU-H07	L10913-7			
<b>Method:</b> EPA 8270											
1,2,4-Trichlorobenzene	ug/kg, wet wt.	0 / 1	0%					24	24		
1,2-Dichlorobenzene	ug/kg, wet wt.	0 / 1	0%					24	24		
1,2-Diphenylhydrazine	ug/kg, wet wt.	0 / 1	0%					80	80		
1,3-Dichlorobenzene	ug/kg, wet wt.	0 / 1	0%					24	24		
1,4-Dichlorobenzene	ug/kg, wet wt.	0 / 1	0%					24	24		
2,4,5-Trichlorophenol	ug/kg, wet wt.	0 / 1	0%					160	160		
2,4,6-Trichlorophenol	ug/kg, wet wt.	0 / 1	0%					160	160		
2,4-Dichlorophenol	ug/kg, wet wt.	0 / 1	0%					40	40		
2,4-Dimethylphenol	ug/kg, wet wt.	0 / 1	0%					40	40		
2,4-Dinitrophenol	ug/kg, wet wt.	0 / 1	0%					80	80		
2,4-Dinitrotoluene	ug/kg, wet wt.	0 / 1	0%					16	16		
2,6-Dinitrotoluene	ug/kg, wet wt.	0 / 1	0%					16	16		
2-Chloronaphthalene	ug/kg, wet wt.	0 / 1	0%					24	24		

**Table B-11. Summary of Dungeness crab (hepatopancreas) chemistry from King County Water Quality Assessment (KC WQA)**

<b>Event Start Date:</b>		2/1/97		<b>Detected Concentration Summary</b>					<b>Reporting Limit</b>	
<b>Event Stop Date:</b>		6/1/97								
<b>ParameterName</b>	<b>Units</b>	<b>Det. Freq.</b>	<b>Min</b>	<b>Max</b>	<b>Average</b>	<b>Location of Max</b>	<b>Sample ID of Max.</b>	<b>Summary Min</b>	<b>Summary Max</b>	
<b>Method:</b> EPA 8270										
2-Chlorophenol	ug/kg, wet wt.	0 / 1	0%					80	80	
2-Methylnaphthalene	ug/kg, wet wt.	0 / 1	0%					64	64	
2-Methylphenol	ug/kg, wet wt.	0 / 1	0%					40	40	
2-Nitroaniline	ug/kg, wet wt.	0 / 1	0%					160	160	
2-Nitrophenol	ug/kg, wet wt.	0 / 1	0%					40	40	
3,3'-Dichlorobenzidine	ug/kg, wet wt.	0 / 1	0%					40	40	
3-Nitroaniline	ug/kg, wet wt.	0 / 1	0%					160	160	
4,6-Dinitro-o-cresol	ug/kg, wet wt.	0 / 1	0%					80	80	
4-Bromophenyl phenyl ether	ug/kg, wet wt.	0 / 1	0%					16	16	
4-Chloro-3-methylphenol	ug/kg, wet wt.	0 / 1	0%					80	80	
4-Chloroaniline	ug/kg, wet wt.	0 / 1	0%					80	80	
4-Chlorophenyl ether	ug/kg, wet wt.	0 / 1	0%					24	24	
4-Methylphenol	ug/kg, wet wt.	0 / 1	0%					40	40	
4-Nitroaniline	ug/kg, wet wt.	0 / 1	0%					160	160	
4-Nitrophenol	ug/kg, wet wt.	0 / 1	0%					80	80	
Acenaphthene	ug/kg, wet wt.	0 / 1	0%					16	16	
Acenaphthylene	ug/kg, wet wt.	0 / 1	0%					24	24	
Aniline	ug/kg, wet wt.	0 / 1	0%					80	80	
Anthracene	ug/kg, wet wt.	0 / 1	0%					24	24	
Benzidine	ug/kg, wet wt.	0 / 1	0%					960	960	
Benzo(a)anthracene	ug/kg, wet wt.	0 / 1	0%					24	24	
Benzo(a)pyrene	ug/kg, wet wt.	0 / 1	0%					40	40	
Benzo(b)fluoranthene	ug/kg, wet wt.	0 / 1	0%					64	64	
Benzo(g,h,i)perylene	ug/kg, wet wt.	0 / 1	0%					40	40	
Benzo(k)fluoranthene	ug/kg, wet wt.	0 / 1	0%					64	64	
Benzoic acid	ug/kg, wet wt.	0 / 1	0%					160	160	
Benzyl alcohol	ug/kg, wet wt.	1 / 1	100%	84.8	84.8	84.8	DU-H07	L10913-7		
bis(2-chloroethoxy)methane	ug/kg, wet wt.	0 / 1	0%					40	40	
bis(2-chloroethyl)ether	ug/kg, wet wt.	0 / 1	0%					24	24	
bis(2-ethylhexyl)phthalate	ug/kg, wet wt.	0 / 1	0%					24	24	
bis-chloroisopropyl ether	ug/kg, wet wt.	0 / 1	0%					80	80	
Butyl benzyl phthalate	ug/kg, wet wt.	0 / 1	0%					24	24	
Caffeine	ug/kg, wet wt.	0 / 1	0%					8	8	



**Table B-11. Summary of Dungeness crab (hepatopancreas) chemistry from King County Water Quality Assessment (KC WQA)**

<b>Event Start Date:</b>		2/1/97		<b>Detected Concentration Summary</b>						<b>Reporting Limit</b>	
<b>Event Stop Date:</b>		6/1/97									
<b>ParameterName</b>	<b>Units</b>	<b>Det. Freq.</b>	<b>Min</b>	<b>Max</b>	<b>Average</b>	<b>Location of Max</b>	<b>Sample ID of Max.</b>	<b>Summary Min</b>	<b>Summary Max</b>		
<b>Method:</b> EPA 8270											
Carbazole	ug/kg, wet wt.	0 / 1	0%					40	40		
Chrysene	ug/kg, wet wt.	0 / 1	0%					24	24		
Coprostanol	ug/kg, wet wt.	0 / 1	0%					160	160		
Dibenzo(a,h)anthracene	ug/kg, wet wt.	0 / 1	0%					64	64		
Dibenzofuran	ug/kg, wet wt.	0 / 1	0%					40	40		
Diethyl phthalate	ug/kg, wet wt.	0 / 1	0%					40	40		
Dimethyl phthalate	ug/kg, wet wt.	0 / 1	0%					16	16		
Di-n-butyl phthalate	ug/kg, wet wt.	0 / 1	0%					40	40		
Di-n-octyl phthalate	ug/kg, wet wt.	0 / 1	0%					24	24		
Fluoranthene	ug/kg, wet wt.	0 / 1	0%					24	24		
Fluorene	ug/kg, wet wt.	0 / 1	0%					24	24		
Hexachlorobenzene	ug/kg, wet wt.	0 / 1	0%					24	24		
Hexachlorobutadiene	ug/kg, wet wt.	0 / 1	0%					40	40		
Hexachlorocyclopentadiene	ug/kg, wet wt.	0 / 1	0%					40	40		
Hexachloroethane	ug/kg, wet wt.	0 / 1	0%					40	40		
Indeno(1,2,3-cd)pyrene	ug/kg, wet wt.	0 / 1	0%					40	40		
Isophorone	ug/kg, wet wt.	0 / 1	0%					40	40		
Naphthalene	ug/kg, wet wt.	0 / 1	0%					64	64		
Nitrobenzene	ug/kg, wet wt.	0 / 1	0%					40	40		
N-Nitrosodimethylamine	ug/kg, wet wt.	0 / 1	0%					160	160		
N-Nitroso-di-n-propylamine	ug/kg, wet wt.	0 / 1	0%					40	40		
N-Nitrosodiphenylamine	ug/kg, wet wt.	0 / 1	0%					40	40		
Pentachlorophenol	ug/kg, wet wt.	0 / 1	0%					40	40		
Phenanthrene	ug/kg, wet wt.	0 / 1	0%					24	24		
Phenol	ug/kg, wet wt.	0 / 1	0%					160	160		
Pyrene	ug/kg, wet wt.	0 / 1	0%					24	24		
<b>Method:</b> Krone et al. 1989											
Tributyltin	ug/kg, wet wt.	1 / 1	100%	59.2	59.2	59.2	DU-H07	L10913-7			
<b>Method:</b> PSEP, 1997											
Lipid	%, wet wt.	1 / 1	100%	13	13	13.0	DU-H07	L10913-7			
<b>Method:</b> SM 2540-G											
Total solids	%, wet wt.	1 / 1	100%	22.6	22.6	22.6	DU-H07	L10913-7			

**Table B-12. Summary of English sole (filet without skin) chemistry from King County Water Quality Assessment (KC WQA)**

<b>Event Start Date:</b>		2/1/97		<b>Detected Concentration Summary</b>						<b>Reporting Limit</b>	
<b>Event Stop Date:</b>		6/1/97									
<b>ParameterName</b>	<b>Units</b>	<b>Det. Freq.</b>	<b>Min</b>	<b>Max</b>	<b>Average</b>	<b>Location of Max</b>	<b>Sample ID of Max.</b>	<b>Min</b>	<b>Max</b>		
<b>Method:</b> EPA 6020											
Antimony (total)	mg/kg, wet wt.	0 / 4	0%					0.02	0.13		
Arsenic (total)	mg/kg, wet wt.	4 / 4	100%	11.7	15.1	12.6	DU-H07	L11190-1			
Cadmium (total)	mg/kg, wet wt.	0 / 4	0%					0.0079	0.051		
Chromium (total)	mg/kg, wet wt.	2 / 3	67%	0.054	0.062	0.0580	DU-H07	L11190-2	0.32		
Copper (total)	mg/kg, wet wt.	4 / 4	100%	0.175	0.274	0.226	DU-H07	L11190-3			
Lead (total)	mg/kg, wet wt.	0 / 4	0%					0.02	0.13		
Nickel (total)	mg/kg, wet wt.	0 / 4	0%					0.02	0.13		
Silver (total)	mg/kg, wet wt.	0 / 4	0%					0.01	0.078		
Zinc (total)	mg/kg, wet wt.	3 / 3	100%	3.82	4.57	4.10	DU-H07	L11190-3			
<b>Method:</b> EPA 7471											
Mercury (total)	mg/kg, wet wt.	4 / 4	100%	0.0756	0.083	0.0796	DU-H07	L11190-2			
<b>Method:</b> EPA 8080											
Aroclor-1016	ug/kg, wet wt.	0 / 4	0%					5.3	34		
Aroclor-1221	ug/kg, wet wt.	0 / 4	0%					5.3	34		
Aroclor-1232	ug/kg, wet wt.	0 / 4	0%					5.3	34		
Aroclor-1242	ug/kg, wet wt.	0 / 4	0%					5.3	34		
Aroclor-1248	ug/kg, wet wt.	0 / 4	0%					5.3	34		
Aroclor-1254	ug/kg, wet wt.	4 / 4	100%	52.1	224	137	DU-H07	L11190-2			
Aroclor-1260	ug/kg, wet wt.	4 / 4	100%	26.5	138	80.8	DU-H07	L11190-2			
<b>Method:</b> EPA 8270											
1,2,4-Trichlorobenzene	ug/kg, wet wt.	0 / 4	0%					16	16		
1,2-Dichlorobenzene	ug/kg, wet wt.	0 / 4	0%					16	16		
1,2-Diphenylhydrazine	ug/kg, wet wt.	0 / 4	0%					53	53		
1,3-Dichlorobenzene	ug/kg, wet wt.	0 / 4	0%					16	16		
1,4-Dichlorobenzene	ug/kg, wet wt.	0 / 4	0%					16	16		
2,4,5-Trichlorophenol	ug/kg, wet wt.	0 / 4	0%					110	110		
2,4,6-Trichlorophenol	ug/kg, wet wt.	0 / 4	0%					110	110		
2,4-Dichlorophenol	ug/kg, wet wt.	0 / 4	0%					27	27		
2,4-Dimethylphenol	ug/kg, wet wt.	0 / 4	0%					27	27		
2,4-Dinitrophenol	ug/kg, wet wt.	0 / 4	0%					53	53		
2,4-Dinitrotoluene	ug/kg, wet wt.	0 / 4	0%					11	11		
2,6-Dinitrotoluene	ug/kg, wet wt.	0 / 4	0%					11	67		
2-Chloronaphthalene	ug/kg, wet wt.	0 / 4	0%					16	97		

**Table B-12. Summary of English sole (filet without skin) chemistry from King County Water Quality Assessment (KC WQA)**

<b>Event Start Date:</b>		2/1/97		<b>Detected Concentration Summary</b>					<b>Reporting Limit</b>	
<b>Event Stop Date:</b>		6/1/97								
<b>ParameterName</b>	<b>Units</b>	<b>Det. Freq.</b>	<b>Min</b>	<b>Max</b>	<b>Average</b>	<b>Location of Max</b>	<b>Sample ID of Max.</b>	<b>Summary Min</b>	<b>Summary Max</b>	
<b>Method:</b> EPA 8270										
2-Chlorophenol	ug/kg, wet wt.	0 / 4	0%					53	53	
2-Methylnaphthalene	ug/kg, wet wt.	0 / 4	0%					43	43	
2-Methylphenol	ug/kg, wet wt.	0 / 4	0%					27	27	
2-Nitroaniline	ug/kg, wet wt.	0 / 4	0%					27	110	
2-Nitrophenol	ug/kg, wet wt.	0 / 4	0%					27	27	
3,3'-Dichlorobenzidine	ug/kg, wet wt.	0 / 4	0%					27	27	
3-Nitroaniline	ug/kg, wet wt.	0 / 4	0%					110	110	
4,6-Dinitro-o-cresol	ug/kg, wet wt.	0 / 4	0%					53	53	
4-Bromophenyl phenyl ether	ug/kg, wet wt.	0 / 4	0%					11	71	
4-Chloro-3-methylphenol	ug/kg, wet wt.	0 / 4	0%					53	53	
4-Chloroaniline	ug/kg, wet wt.	0 / 4	0%					53	53	
4-Chlorophenyl ether	ug/kg, wet wt.	0 / 3	0%					16	16	
4-Chlorophenyl phenyl ether	ug/kg, wet wt.	0 / 1	0%					16	16	
4-Methylphenol	ug/kg, wet wt.	0 / 4	0%					27	27	
4-Nitroaniline	ug/kg, wet wt.	0 / 4	0%					110	110	
4-Nitrophenol	ug/kg, wet wt.	0 / 4	0%					53	53	
Acenaphthene	ug/kg, wet wt.	0 / 4	0%					11	11	
Acenaphthylene	ug/kg, wet wt.	0 / 4	0%					16	16	
Aniline	ug/kg, wet wt.	0 / 4	0%					53	53	
Anthracene	ug/kg, wet wt.	0 / 4	0%					16	16	
Benzidine	ug/kg, wet wt.	0 / 4	0%					640	640	
Benzo(a)anthracene	ug/kg, wet wt.	0 / 4	0%					16	43	
Benzo(a)pyrene	ug/kg, wet wt.	0 / 4	0%					27	43	
Benzo(b)fluoranthene	ug/kg, wet wt.	0 / 4	0%					43	43	
Benzo(g,h,i)perylene	ug/kg, wet wt.	0 / 4	0%					27	170	
Benzo(k)fluoranthene	ug/kg, wet wt.	0 / 4	0%					43	43	
Benzoic acid	ug/kg, wet wt.	0 / 4	0%					110	110	
Benzyl alcohol	ug/kg, wet wt.	0 / 4	0%					27	27	
bis(2-chloroethoxy)methane	ug/kg, wet wt.	0 / 4	0%					27	27	
bis(2-chloroethyl)ether	ug/kg, wet wt.	0 / 4	0%					16	16	
bis(2-ethylhexyl)phthalate	ug/kg, wet wt.	0 / 4	0%					16	100	
bis-chloroisopropyl ether	ug/kg, wet wt.	0 / 4	0%					53	53	
Butyl benzyl phthalate	ug/kg, wet wt.	0 / 4	0%					16	100	

**Table B-12. Summary of English sole (filet without skin) chemistry from King County Water Quality Assessment (KC WQA)**

<b>Event Start Date:</b>		2/1/97		<b>Detected Concentration Summary</b>						<b>Reporting Limit</b>	
<b>Event Stop Date:</b>		6/1/97									
<b>ParameterName</b>	<b>Units</b>	<b>Det. Freq.</b>	<b>Min</b>	<b>Max</b>	<b>Average</b>	<b>Location of Max</b>	<b>Sample ID of Max.</b>	<b>Summary Min</b>	<b>Summary Max</b>		
<b>Method:</b> EPA 8270											
Caffeine	ug/kg, wet wt.	0 / 4	0%					5.3	34		
Carbazole	ug/kg, wet wt.	0 / 4	0%					27	27		
Chrysene	ug/kg, wet wt.	0 / 4	0%					16	16		
Coprostanol	ug/kg, wet wt.	0 / 4	0%					110	110		
Dibenzo(a,h)anthracene	ug/kg, wet wt.	0 / 4	0%					43	43		
Dibenzofuran	ug/kg, wet wt.	0 / 4	0%					27	27		
Diethyl phthalate	ug/kg, wet wt.	0 / 4	0%					27	170		
Dimethyl phthalate	ug/kg, wet wt.	0 / 4	0%					11	11		
Di-n-butyl phthalate	ug/kg, wet wt.	0 / 4	0%					27	27		
Di-n-octyl phthalate	ug/kg, wet wt.	0 / 4	0%					16	16		
Fluoranthene	ug/kg, wet wt.	0 / 4	0%					16	16		
Fluorene	ug/kg, wet wt.	0 / 4	0%					16	16		
Hexachlorobenzene	ug/kg, wet wt.	0 / 4	0%					16	16		
Hexachlorobutadiene	ug/kg, wet wt.	0 / 4	0%					27	27		
Hexachlorocyclopentadiene	ug/kg, wet wt.	0 / 4	0%					27	27		
Hexachloroethane	ug/kg, wet wt.	0 / 4	0%					27	27		
Indeno(1,2,3-cd)pyrene	ug/kg, wet wt.	0 / 4	0%					27	27		
Isophorone	ug/kg, wet wt.	0 / 4	0%					27	27		
Naphthalene	ug/kg, wet wt.	0 / 4	0%					43	43		
Nitrobenzene	ug/kg, wet wt.	0 / 4	0%					27	27		
N-Nitrosodimethylamine	ug/kg, wet wt.	0 / 4	0%					110	110		
N-Nitroso-di-n-propylamine	ug/kg, wet wt.	0 / 4	0%					27	27		
N-Nitrosodiphenylamine	ug/kg, wet wt.	0 / 4	0%					27	27		
Pentachlorophenol	ug/kg, wet wt.	0 / 4	0%					27	27		
Phenanthrene	ug/kg, wet wt.	0 / 4	0%					16	16		
Phenol	ug/kg, wet wt.	0 / 4	0%					110	700		
Pyrene	ug/kg, wet wt.	0 / 4	0%					16	16		
<b>Method:</b> Krone et al. 1989											
Tributyltin	ug/kg, wet wt.	4 / 4	100%	3.88	5.65	4.55	DU-H07	L11190-2			
<b>Method:</b> PSEP, 1997											
Lipid	%, wet wt.	3 / 3	100%	0.29	0.35	0.310	DU-H07	L11190-3			
<b>Method:</b> SM 2540-G											
Total solids	%, wet wt.	4 / 4	100%	15.4	16.5	15.8	DU-H07	L11190-1			

**Table B-13. Summary of mussel (edible meat) chemistry from King County Water Quality Assessment (KC WQA)**

<b>Event Start Date:</b> 2/1/97		<b>Detected Concentration Summary</b>							<b>Reporting Limit</b>	
<b>Event Stop Date:</b> 6/1/97		<b>Det. Freq.</b>	<b>Min</b>	<b>Max</b>	<b>Average</b>	<b>Location of Max</b>	<b>Sample ID of Max.</b>	<b>Summary Min</b>	<b>Summary Max</b>	
<b>ParameterName</b>	<b>Units</b>									
<b>Method:</b> EPA 6020										
Antimony (total)	mg/kg, wet wt.	0 / 62	0%					0.01	0.02	
Arsenic (total)	mg/kg, wet wt.	63 / 63	100%	0.34	1.85	0.823	Hanford/Lander - Ambient	L11052-41		
Cadmium (total)	mg/kg, wet wt.	63 / 63	100%	0.189	0.84	0.427	Duwamish/Diagonal - Ambient	L11052-36		
Chromium (total)	mg/kg, wet wt.	60 / 63	95%	0.059	0.934	0.153	Hanford/Lander - Ambient	L11052-41	0.05 0.05	
Cobalt (total)	mg/kg, wet wt.	29 / 29	100%	0.03	0.0784	0.0518	Duwamish/Diagonal	L9819-21		
Copper (total)	mg/kg, wet wt.	63 / 63	100%	0.513	2.18	1.21	Hanford/Lander - Ambient	L11052-40		
Lead (total)	mg/kg, wet wt.	62 / 62	100%	0.043	0.833	0.274	Hanford/Lander - Ambient	L11052-41		
Molybdenum	mg/kg, wet wt.	25 / 25	100%	0.023	0.116	0.0716	Brandon Street	L9819-8		
Nickel (total)	mg/kg, wet wt.	63 / 63	100%	0.051	0.42	0.155	Brandon Street - Ambient	L11052-37		
Silver (total)	mg/kg, wet wt.	7 / 63	11%	0.013	0.032	0.0227	Duwamish/Diagonal	L11052-18	0.01 0.012	
Vanadium	mg/kg, wet wt.	18 / 18	100%	0.058	0.281	0.177	Brandon Street	L9819-8		
Zinc (total)	mg/kg, wet wt.	63 / 63	100%	4.78	49.1	19.8	Hanford/Lander - Ambient	L9819-37		
<b>Method:</b> EPA 7421										
Lead (total)	mg/kg, wet wt.	1 / 1	100%	0.154	0.154	0.154	Brandon Street	L9819-9		
<b>Method:</b> EPA 7471										
Mercury (total)	mg/kg, wet wt.	62 / 62	100%	0.0051	0.138	0.0112	Brandon Street - Ambient	L9819-2		
<b>Method:</b> EPA 8080										
4,4'-DDD	ug/kg, wet wt.	0 / 27	0%					1.3	1.3	
4,4'-DDE	ug/kg, wet wt.	0 / 27	0%					1.3	1.3	
4,4'-DDT	ug/kg, wet wt.	0 / 27	0%					1.3	1.3	
Aldrin	ug/kg, wet wt.	0 / 27	0%					1.3	1.3	
alpha-BHC	ug/kg, wet wt.	0 / 27	0%					1.3	1.3	
alpha-Endosulfan	ug/kg, wet wt.	0 / 27	0%					1.3	1.3	
Aroclor-1016	ug/kg, wet wt.	0 / 60	0%					13	13	
Aroclor-1221	ug/kg, wet wt.	0 / 60	0%					13	13	

**Table B-13. Summary of mussel (edible meat) chemistry from King County Water Quality Assessment (KC WQA)**

Event Start Date:	2/1/97	Detected Concentration Summary							Reporting Limit	
		Event Stop Date:	6/1/97	Det. Freq.	Min	Max	Average	Location of Max	Sample ID of Max.	Min
ParameterName	Units									Min
<b>Method:</b>		EPA 8080								
Aroclor-1232	ug/kg, wet wt.	0 / 60	0%						13	13
Aroclor-1242	ug/kg, wet wt.	0 / 60	0%						13	13
Aroclor-1248	ug/kg, wet wt.	0 / 60	0%						13	13
Aroclor-1254	ug/kg, wet wt.	34 / 60	57%	16	73.1	45.5	Duwamish/Dia gonal	L9819-19	13	13
Aroclor-1260	ug/kg, wet wt.	0 / 60	0%						13	13
beta-BHC	ug/kg, wet wt.	0 / 27	0%						1.3	1.3
beta-Endosulfan	ug/kg, wet wt.	0 / 27	0%						1.3	1.3
Chlordane	ug/kg, wet wt.	0 / 27	0%						6.7	6.7
delta-BHC	ug/kg, wet wt.	0 / 27	0%						1.3	1.3
Dieldrin	ug/kg, wet wt.	0 / 27	0%						1.3	1.3
Endosulfan sulfate	ug/kg, wet wt.	0 / 27	0%						1.3	1.3
Endrin	ug/kg, wet wt.	0 / 27	0%						1.3	1.3
Endrin aldehyde	ug/kg, wet wt.	0 / 27	0%						1.3	1.3
gamma-BHC (Lindane)	ug/kg, wet wt.	0 / 27	0%						1.3	1.3
Heptachlor	ug/kg, wet wt.	0 / 27	0%						1.3	1.3
Heptachlor epoxide	ug/kg, wet wt.	0 / 27	0%						1.3	1.3
Methoxychlor	ug/kg, wet wt.	0 / 27	0%						6.7	6.7
Toxaphene	ug/kg, wet wt.	0 / 27	0%						13	13
<b>Method:</b>		EPA 8270								
1,2,4-Trichlorobenzene	ug/kg, wet wt.	0 / 62	0%						16	26
1,2-Dichlorobenzene	ug/kg, wet wt.	0 / 62	0%						16	26
1,2-Diphenylhydrazine	ug/kg, wet wt.	0 / 62	0%						53	88
1,3-Dichlorobenzene	ug/kg, wet wt.	0 / 62	0%						16	26
1,4-Dichlorobenzene	ug/kg, wet wt.	0 / 62	0%						16	26
2,4,5-Trichlorophenol	ug/kg, wet wt.	0 / 62	0%						110	180
2,4,6-Trichlorophenol	ug/kg, wet wt.	0 / 62	0%						110	180
2,4-Dichlorophenol	ug/kg, wet wt.	0 / 62	0%						27	44
2,4-Dimethylphenol	ug/kg, wet wt.	0 / 62	0%						27	44
2,4-Dinitrophenol	ug/kg, wet wt.	0 / 62	0%						53	88
2,4-Dinitrotoluene	ug/kg, wet wt.	0 / 62	0%						11	18
2,6-Dinitrotoluene	ug/kg, wet wt.	0 / 62	0%						11	18
2-Chloronaphthalene	ug/kg, wet wt.	0 / 62	0%						16	26

**Table B-13. Summary of mussel (edible meat) chemistry from King County Water Quality Assessment (KC WQA)**

<b>Event Start Date:</b> 2/1/97		<b>Detected Concentration Summary</b>							<b>Reporting Limit</b>	
<b>Event Stop Date:</b> 6/1/97		<b>Det. Freq.</b>	<b>Min</b>	<b>Max</b>	<b>Average</b>	<b>Location of Max</b>	<b>Sample ID of Max.</b>	<b>Summary Min</b>	<b>Summary Max</b>	
<b>ParameterName</b>	<b>Units</b>									
<b>Method:</b> EPA 8270										
2-Chlorophenol	ug/kg, wet wt.	0 / 62	0%					53	88	
2-Methylnaphthalene	ug/kg, wet wt.	0 / 62	0%					43	70	
2-Methylphenol	ug/kg, wet wt.	53 / 62	85%	28	178	72.9	Duwamish/Diagonal	L9819-17	27 41	
2-Nitroaniline	ug/kg, wet wt.	0 / 62	0%					110	180	
2-Nitrophenol	ug/kg, wet wt.	0 / 62	0%					27	44	
3,3'-Dichlorobenzidine	ug/kg, wet wt.	0 / 62	0%					27	44	
3-Nitroaniline	ug/kg, wet wt.	0 / 62	0%					110	180	
4,6-Dinitro-o-cresol	ug/kg, wet wt.	0 / 62	0%					53	88	
4-Bromophenyl phenyl ether	ug/kg, wet wt.	0 / 61	0%					11	18	
4-Chloro-3-methylphenol	ug/kg, wet wt.	0 / 62	0%					53	88	
4-Chloroaniline	ug/kg, wet wt.	0 / 62	0%					53	88	
4-Chlorophenyl ether	ug/kg, wet wt.	0 / 62	0%					16	26	
4-Methylphenol	ug/kg, wet wt.	2 / 62	3%	27	172	99.5	Kellogg Island	L11052-24	27 44	
4-Nitroaniline	ug/kg, wet wt.	0 / 62	0%					110	180	
4-Nitrophenol	ug/kg, wet wt.	0 / 62	0%					53	88	
Acenaphthene	ug/kg, wet wt.	1 / 62	2%	14	14	14.0	Hanford/Lander - Ambient	L11052-40	11 18	
Acenaphthylene	ug/kg, wet wt.	0 / 62	0%					16	26	
Aniline	ug/kg, wet wt.	0 / 62	0%					53	88	
Anthracene	ug/kg, wet wt.	0 / 62	0%					16	26	
Benzidine	ug/kg, wet wt.	0 / 62	0%					640	1100	
Benzo(a)anthracene	ug/kg, wet wt.	27 / 62	44%	17	39.3	26.6	Duwamish/Diagonal	L9819-18	16 26	
Benzo(a)pyrene	ug/kg, wet wt.	0 / 62	0%					27	44	
Benzo(b)fluoranthene	ug/kg, wet wt.	9 / 62	15%	43	62	48.4	Duwamish/Diagonal	L9819-19	43 70	
Benzo(g,h,i)perylene	ug/kg, wet wt.	0 / 62	0%					27	44	
Benzo(k)fluoranthene	ug/kg, wet wt.	0 / 62	0%					43	70	
Benzoic acid	ug/kg, wet wt.	62 / 62	100%	659	11900	2560	Duwamish/Diagonal	L11052-23		
Benzyl alcohol	ug/kg, wet wt.	6 / 62	10%	28	3450	1030	Duwamish/Diagonal	L11052-23	27 44	
bis(2-chloroethoxy)methane	ug/kg, wet wt.	0 / 62	0%					27	44	
bis(2-chloroethyl)ether	ug/kg, wet wt.	0 / 62	0%					16	26	

**Table B-13. Summary of mussel (edible meat) chemistry from King County Water Quality Assessment (KC WQA)**

<b>Event Start Date:</b> 2/1/97		<b>Detected Concentration Summary</b>							<b>Reporting Limit</b>	
<b>Event Stop Date:</b> 6/1/97		<b>Det. Freq.</b>	<b>Min</b>	<b>Max</b>	<b>Average</b>	<b>Location of Max</b>	<b>Sample ID of Max.</b>	<b>Min</b>	<b>Max</b>	
<b>ParameterName</b>	<b>Units</b>									
<b>Method:</b> EPA 8270										
bis(2-ethylhexyl)phthalate	ug/kg, wet wt.	2 / 62	3%	27.6	187	107	Terminal 107 - Ambient	L11052-44	16	26
bis-chloroisopropyl ether	ug/kg, wet wt.	0 / 62	0%						53	88
Butyl benzyl phthalate	ug/kg, wet wt.	0 / 62	0%						16	26
Caffeine	ug/kg, wet wt.	0 / 62	0%						5.3	8.8
Carbazole	ug/kg, wet wt.	0 / 62	0%						27	44
Chrysene	ug/kg, wet wt.	30 / 62	48%	17	58	37.2	Duwamish/Diagonal	L9819-16	16	26
Coprostanol	ug/kg, wet wt.	0 / 62	0%						110	180
Dibenzo(a,h)anthracene	ug/kg, wet wt.	0 / 62	0%						43	70
Dibenzofuran	ug/kg, wet wt.	0 / 62	0%						27	44
Diethyl phthalate	ug/kg, wet wt.	0 / 62	0%						27	44
Dimethyl phthalate	ug/kg, wet wt.	0 / 62	0%						11	18
Di-n-butyl phthalate	ug/kg, wet wt.	1 / 62	2%	59	59	59.0	Kellogg Island	L11052-31	27	44
Di-n-octyl phthalate	ug/kg, wet wt.	0 / 62	0%						16	26
Fluoranthene	ug/kg, wet wt.	50 / 62	81%	16	123	47.2	Duwamish/Diagonal	L9819-16	16	26
Fluorene	ug/kg, wet wt.	0 / 62	0%						16	26
Hexachlorobenzene	ug/kg, wet wt.	0 / 62	0%						16	26
Hexachlorobutadiene	ug/kg, wet wt.	0 / 62	0%						27	44
Hexachlorocyclopentadiene	ug/kg, wet wt.	0 / 62	0%						27	44
Hexachloroethane	ug/kg, wet wt.	0 / 61	0%						27	44
Indeno(1,2,3-cd)pyrene	ug/kg, wet wt.	0 / 62	0%						27	44
Isophorone	ug/kg, wet wt.	0 / 62	0%						27	44
Naphthalene	ug/kg, wet wt.	0 / 62	0%						43	70
Nitrobenzene	ug/kg, wet wt.	0 / 62	0%						27	44
N-Nitrosodimethylamine	ug/kg, wet wt.	0 / 62	0%						110	180
N-Nitroso-di-n-propylamine	ug/kg, wet wt.	0 / 62	0%						27	44
N-Nitrosodiphenylamine	ug/kg, wet wt.	0 / 62	0%						27	44
Pentachlorophenol	ug/kg, wet wt.	0 / 62	0%						27	44
Phenanthrene	ug/kg, wet wt.	13 / 62	21%	16	24	19.8	Duwamish/Diagonal	L9819-16	16	26
Phenol	ug/kg, wet wt.	0 / 62	0%						110	180



**Table B-13. Summary of mussel (edible meat) chemistry from King County Water Quality Assessment (KC WQA)**

<b>Event Start Date:</b> 2/1/97		<b>Detected Concentration Summary</b>							<b>Reporting Limit</b>	
<b>Event Stop Date:</b> 6/1/97		<b>Det. Freq.</b>	<b>Min</b>	<b>Max</b>	<b>Average</b>	<b>Location of Max</b>	<b>Sample ID of Max.</b>	<b>Summary</b>		
<b>ParameterName</b>	<b>Units</b>							<b>Min</b>	<b>Max</b>	
<b>Method:</b> EPA 8270										
Pyrene	ug/kg, wet wt.	32 / 62	52%	17	122	52.8	Duwamish/Diagonal	L9819-16	16 26	
<b>Method:</b> Krone et al. 1989										
Dibutyltin	ug/kg, wet wt.	28 / 28	100%	2.56	25.3	6.84	Hanford/Lander - Ambient	L9819-35		
Monobutyltin	ug/kg, wet wt.	18 / 28	64%	1.75	4.91	2.82	Duwamish/Diagonal - Ambient	L9819-15	1.74 1.74	
Tributyltin	ug/kg, wet wt.	60 / 60	100%	9.35	92.8	26.4	Hanford/Lander - Ambient	L9819-35		
<b>Method:</b> PSEP, 1997										
Lipid	%, wet wt.	58 / 61	95%	0.25	2.6	1.08	Duwamish/Diagonal	L11052-22	1.74 2.32	

**Table B-14. Summary of shiner perch (whole body) chemistry from King County Water Quality Assessment (KC WQA)**

<b>Event Start Date:</b>		2/1/97		<b>Detected Concentration Summary</b>						<b>Reporting Limit</b>	
<b>Event Stop Date:</b>		6/1/97									
<b>ParameterName</b>	<b>Units</b>	<b>Det. Freq.</b>	<b>Min</b>	<b>Max</b>	<b>Average</b>	<b>Location of Max</b>	<b>Sample ID of Max.</b>	<b>Min</b>	<b>Max</b>		
<b>Method:</b> EPA 6020											
Antimony (total)	mg/kg, wet wt.	0 / 3	0%					0.02	0.02		
Arsenic (total)	mg/kg, wet wt.	3 / 3	100%	1.04	1.39	1.27	DU-H07	L11094-3			
Cadmium (total)	mg/kg, wet wt.	3 / 3	100%	0.012	0.02	0.0160	DU-H07	L11094-1			
Chromium (total)	mg/kg, wet wt.	3 / 3	100%	0.25	0.289	0.266	DU-H07	L11094-3			
Copper (total)	mg/kg, wet wt.	3 / 3	100%	0.971	2.19	1.44	DU-H07	L11094-3			
Lead (total)	mg/kg, wet wt.	3 / 3	100%	0.143	0.175	0.162	DU-H07	L11094-3			
Nickel (total)	mg/kg, wet wt.	3 / 3	100%	0.167	0.196	0.183	DU-H07	L11094-1			
Silver (total)	mg/kg, wet wt.	0 / 3	0%					0.012	0.012		
Zinc (total)	mg/kg, wet wt.	3 / 3	100%	17.4	18.9	18.1	DU-H07	L11094-3			
<b>Method:</b> EPA 7471											
Mercury (total)	mg/kg, wet wt.	3 / 3	100%	0.0706	0.088	0.0779	DU-H07	L11094-1			
<b>Method:</b> EPA 8080											
Aroclor-1016	ug/kg, wet wt.	0 / 3	0%					8	8		
Aroclor-1221	ug/kg, wet wt.	0 / 3	0%					8	8		
Aroclor-1232	ug/kg, wet wt.	0 / 3	0%					8	8		
Aroclor-1242	ug/kg, wet wt.	0 / 3	0%					8	8		
Aroclor-1248	ug/kg, wet wt.	0 / 3	0%					8	8		
Aroclor-1254	ug/kg, wet wt.	3 / 3	100%	202	369	293	DU-H07	L11094-3			
Aroclor-1260	ug/kg, wet wt.	3 / 3	100%	150	247	203	DU-H07	L11094-3			
<b>Method:</b> EPA 8270											
1,2,4-Trichlorobenzene	ug/kg, wet wt.	0 / 3	0%					24	24		
1,2-Dichlorobenzene	ug/kg, wet wt.	0 / 3	0%					24	24		
1,2-Diphenylhydrazine	ug/kg, wet wt.	0 / 3	0%					80	80		
1,3-Dichlorobenzene	ug/kg, wet wt.	0 / 3	0%					24	24		
1,4-Dichlorobenzene	ug/kg, wet wt.	0 / 3	0%					24	24		
2,4,5-Trichlorophenol	ug/kg, wet wt.	0 / 3	0%					160	160		
2,4,6-Trichlorophenol	ug/kg, wet wt.	0 / 3	0%					160	160		
2,4-Dichlorophenol	ug/kg, wet wt.	0 / 3	0%					40	40		
2,4-Dimethylphenol	ug/kg, wet wt.	0 / 3	0%					40	40		
2,4-Dinitrophenol	ug/kg, wet wt.	0 / 3	0%					80	80		
2,4-Dinitrotoluene	ug/kg, wet wt.	0 / 3	0%					16	16		
2,6-Dinitrotoluene	ug/kg, wet wt.	0 / 3	0%					16	16		
2-Chloronaphthalene	ug/kg, wet wt.	0 / 3	0%					24	24		

**Table B-14. Summary of shiner perch (whole body) chemistry from King County Water Quality Assessment (KC WQA)**

<b>Event Start Date:</b> 2/1/97		<b>Detected Concentration Summary</b>							<b>Reporting Limit</b>	
<b>Event Stop Date:</b> 6/1/97		<b>Det. Freq.</b>	<b>Min</b>	<b>Max</b>	<b>Average</b>	<b>Location of Max</b>	<b>Sample ID of Max.</b>	<b>Summary Min</b>	<b>Summary Max</b>	
<b>ParameterName</b>	<b>Units</b>									
<b>Method:</b> EPA 8270										
2-Chlorophenol	ug/kg, wet wt.	0 / 3	0%					80	80	
2-Methylnaphthalene	ug/kg, wet wt.	0 / 3	0%					64	64	
2-Methylphenol	ug/kg, wet wt.	0 / 3	0%					40	40	
2-Nitroaniline	ug/kg, wet wt.	0 / 3	0%					160	160	
2-Nitrophenol	ug/kg, wet wt.	0 / 3	0%					40	40	
3,3'-Dichlorobenzidine	ug/kg, wet wt.	0 / 3	0%					40	40	
3-Nitroaniline	ug/kg, wet wt.	0 / 3	0%					160	160	
4,6-Dinitro-o-cresol	ug/kg, wet wt.	0 / 3	0%					80	80	
4-Bromophenyl phenyl ether	ug/kg, wet wt.	0 / 3	0%					16	16	
4-Chloro-3-methylphenol	ug/kg, wet wt.	0 / 3	0%					80	80	
4-Chloroaniline	ug/kg, wet wt.	0 / 3	0%					80	80	
4-Chlorophenyl ether	ug/kg, wet wt.	0 / 3	0%					24	24	
4-Methylphenol	ug/kg, wet wt.	0 / 3	0%					40	40	
4-Nitroaniline	ug/kg, wet wt.	0 / 3	0%					160	160	
4-Nitrophenol	ug/kg, wet wt.	0 / 3	0%					80	80	
Acenaphthene	ug/kg, wet wt.	1 / 3	33%	22	22	22.0	DU-H07	L11094-3	16	16
Acenaphthylene	ug/kg, wet wt.	0 / 3	0%					24	24	
Aniline	ug/kg, wet wt.	0 / 3	0%					80	80	
Anthracene	ug/kg, wet wt.	0 / 3	0%					24	24	
Benzidine	ug/kg, wet wt.	0 / 3	0%					960	960	
Benzo(a)anthracene	ug/kg, wet wt.	0 / 3	0%					24	24	
Benzo(a)pyrene	ug/kg, wet wt.	0 / 3	0%					40	40	
Benzo(b)fluoranthene	ug/kg, wet wt.	0 / 3	0%					64	64	
Benzo(g,h,i)perylene	ug/kg, wet wt.	0 / 3	0%					40	40	
Benzo(k)fluoranthene	ug/kg, wet wt.	0 / 3	0%					64	64	
Benzoic acid	ug/kg, wet wt.	3 / 3	100%	742	1170	941	DU-H07	L11094-2		
Benzyl alcohol	ug/kg, wet wt.	3 / 3	100%	48	63	55.0	DU-H07	L11094-3		
bis(2-chloroethoxy)methane	ug/kg, wet wt.	0 / 3	0%					40	40	
bis(2-chloroethyl)ether	ug/kg, wet wt.	0 / 3	0%					24	24	
bis(2-ethylhexyl)phthalate	ug/kg, wet wt.	0 / 3	0%					24	24	
bis-chloroisopropyl ether	ug/kg, wet wt.	0 / 3	0%					80	80	
Butyl benzyl phthalate	ug/kg, wet wt.	0 / 3	0%					24	24	
Caffeine	ug/kg, wet wt.	0 / 3	0%					8	8	

**Table B-14. Summary of shiner perch (whole body) chemistry from King County Water Quality Assessment (KC WQA)**

<b>Event Start Date:</b>		2/1/97		<b>Detected Concentration Summary</b>						<b>Reporting Limit</b>	
<b>Event Stop Date:</b>		6/1/97									
<b>ParameterName</b>	<b>Units</b>	<b>Det. Freq.</b>	<b>Min</b>	<b>Max</b>	<b>Average</b>	<b>Location of Max</b>	<b>Sample ID of Max.</b>	<b>Summary Min</b>	<b>Summary Max</b>		
<b>Method:</b> EPA 8270											
Carbazole	ug/kg, wet wt.	0 / 3	0%					40	40		
Chrysene	ug/kg, wet wt.	0 / 3	0%					24	24		
Coprostanol	ug/kg, wet wt.	0 / 3	0%					160	160		
Dibenzo(a,h)anthracene	ug/kg, wet wt.	0 / 3	0%					64	64		
Dibenzofuran	ug/kg, wet wt.	0 / 3	0%					40	40		
Diethyl phthalate	ug/kg, wet wt.	0 / 3	0%					40	40		
Dimethyl phthalate	ug/kg, wet wt.	0 / 3	0%					16	16		
Di-n-butyl phthalate	ug/kg, wet wt.	0 / 3	0%					40	40		
Di-n-octyl phthalate	ug/kg, wet wt.	0 / 3	0%					24	24		
Fluoranthene	ug/kg, wet wt.	0 / 3	0%					24	24		
Fluorene	ug/kg, wet wt.	0 / 3	0%					24	24		
Hexachlorobenzene	ug/kg, wet wt.	0 / 3	0%					24	24		
Hexachlorobutadiene	ug/kg, wet wt.	0 / 3	0%					40	40		
Hexachlorocyclopentadiene	ug/kg, wet wt.	0 / 3	0%					40	40		
Hexachloroethane	ug/kg, wet wt.	0 / 3	0%					40	40		
Indeno(1,2,3-cd)pyrene	ug/kg, wet wt.	0 / 3	0%					40	40		
Isophorone	ug/kg, wet wt.	0 / 3	0%					40	40		
Naphthalene	ug/kg, wet wt.	0 / 3	0%					64	64		
Nitrobenzene	ug/kg, wet wt.	0 / 3	0%					40	40		
N-Nitrosodimethylamine	ug/kg, wet wt.	0 / 3	0%					160	160		
N-Nitroso-di-n-propylamine	ug/kg, wet wt.	0 / 3	0%					40	40		
N-Nitrosodiphenylamine	ug/kg, wet wt.	0 / 3	0%					40	40		
Pentachlorophenol	ug/kg, wet wt.	0 / 3	0%					40	40		
Phenanthrene	ug/kg, wet wt.	0 / 3	0%					24	24		
Phenol	ug/kg, wet wt.	0 / 3	0%					160	160		
Pyrene	ug/kg, wet wt.	0 / 3	0%					24	24		
<b>Method:</b> Krone et al. 1989											
Tributyltin	ug/kg, wet wt.	3 / 3	100%	118	179	153	DU-H07	L11094-2			
<b>Method:</b> PSEP, 1997											
Lipid	%, wet wt.	3 / 3	100%	1.61	4.01	2.85	DU-H07	L11094-3			

**Table B-15. Summary of English sole (cooked filet without skin) chemistry from King County Water Quality Assessment (KC WQA)**

<b>Event Start Date:</b>		2/1/97		<b>Detected Concentration Summary</b>						<b>Reporting Limit</b>	
<b>Event Stop Date:</b>		6/1/97		<b>Det. Freq.</b>	<b>Min</b>	<b>Max</b>	<b>Average</b>	<b>Location of Max</b>	<b>Sample ID of Max.</b>	<b>Summary Min</b>	<b>Summary Max</b>
<b>ParameterName</b>	<b>Units</b>	<b>Det. Freq.</b>	<b>Min</b>	<b>Max</b>	<b>Average</b>	<b>Location of Max</b>	<b>Sample ID of Max.</b>	<b>Summary Min</b>	<b>Summary Max</b>		
<b>Method:</b> EPA 6020											
Antimony (total)	mg/kg, wet wt.	0 / 3	0%							0.02	0.02
Arsenic (total)	mg/kg, wet wt.	3 / 3	100%	10.7	14.8	13.0	DU-H07	L11190-10			
Cadmium (total)	mg/kg, wet wt.	0 / 3	0%							0.0079	0.008
Chromium (total)	mg/kg, wet wt.	3 / 3	100%	0.064	0.08	0.0707	DU-H07	L11190-12			
Copper (total)	mg/kg, wet wt.	3 / 3	100%	0.3	0.336	0.320	DU-H07	L11190-10			
Lead (total)	mg/kg, wet wt.	0 / 3	0%							0.02	0.02
Nickel (total)	mg/kg, wet wt.	3 / 3	100%	0.027	0.032	0.0290	DU-H07	L11190-11			
Silver (total)	mg/kg, wet wt.	0 / 3	0%							0.012	0.012
Zinc (total)	mg/kg, wet wt.	3 / 3	100%	3.82	4.7	4.28	DU-H07	L11190-12			
<b>Method:</b> EPA 7471											
Mercury (total)	mg/kg, wet wt.	3 / 3	100%	0.107	0.13	0.120	DU-H07	L11190-12			
<b>Method:</b> EPA 8080											
Aroclor-1016	ug/kg, wet wt.	0 / 3	0%							8	11
Aroclor-1221	ug/kg, wet wt.	0 / 3	0%							8	11
Aroclor-1232	ug/kg, wet wt.	0 / 3	0%							8	11
Aroclor-1242	ug/kg, wet wt.	0 / 3	0%							8	11
Aroclor-1248	ug/kg, wet wt.	3 / 3	100%	24.3	30.1	26.3	DU-H07	L11190-10			
Aroclor-1254	ug/kg, wet wt.	3 / 3	100%	311	463	397	DU-H07	L11190-11			
Aroclor-1260	ug/kg, wet wt.	3 / 3	100%	268	301	282	DU-H07	L11190-12			
<b>Method:</b> EPA 8270											
1,2,4-Trichlorobenzene	ug/kg, wet wt.	0 / 3	0%							16	24
1,2-Dichlorobenzene	ug/kg, wet wt.	0 / 3	0%							16	24
1,2-Diphenylhydrazine	ug/kg, wet wt.	0 / 3	0%							53	80
1,3-Dichlorobenzene	ug/kg, wet wt.	0 / 3	0%							16	24
1,4-Dichlorobenzene	ug/kg, wet wt.	0 / 3	0%							16	24
2,4,5-Trichlorophenol	ug/kg, wet wt.	0 / 3	0%							110	160
2,4,6-Trichlorophenol	ug/kg, wet wt.	0 / 3	0%							110	160
2,4-Dichlorophenol	ug/kg, wet wt.	0 / 3	0%							27	40
2,4-Dimethylphenol	ug/kg, wet wt.	0 / 3	0%							27	40
2,4-Dinitrophenol	ug/kg, wet wt.	0 / 3	0%							53	80
2,4-Dinitrotoluene	ug/kg, wet wt.	0 / 3	0%							11	16
2,6-Dinitrotoluene	ug/kg, wet wt.	0 / 3	0%							11	16
2-Chloronaphthalene	ug/kg, wet wt.	0 / 3	0%							16	24

**Table B-15. Summary of English sole (cooked filet without skin) chemistry from King County Water Quality Assessment (KC WQA)**

<b>Event Start Date:</b>		2/1/97		<b>Detected Concentration Summary</b>					<b>Reporting Limit</b>	
<b>Event Stop Date:</b>		6/1/97								
<b>ParameterName</b>	<b>Units</b>	<b>Det. Freq.</b>	<b>Min</b>	<b>Max</b>	<b>Average</b>	<b>Location of Max</b>	<b>Sample ID of Max.</b>	<b>Summary Min</b>	<b>Summary Max</b>	
<b>Method:</b> EPA 8270										
2-Chlorophenol	ug/kg, wet wt.	0 / 3	0%					53	80	
2-Methylnaphthalene	ug/kg, wet wt.	0 / 3	0%					43	64	
2-Methylphenol	ug/kg, wet wt.	0 / 3	0%					27	40	
2-Nitroaniline	ug/kg, wet wt.	0 / 3	0%					110	160	
2-Nitrophenol	ug/kg, wet wt.	0 / 3	0%					27	40	
3,3'-Dichlorobenzidine	ug/kg, wet wt.	0 / 3	0%					27	40	
3-Nitroaniline	ug/kg, wet wt.	0 / 3	0%					110	160	
4,6-Dinitro-o-cresol	ug/kg, wet wt.	0 / 3	0%					53	80	
4-Bromophenyl phenyl ether	ug/kg, wet wt.	0 / 3	0%					11	16	
4-Chloro-3-methylphenol	ug/kg, wet wt.	0 / 3	0%					53	80	
4-Chloroaniline	ug/kg, wet wt.	0 / 3	0%					53	80	
4-Chlorophenyl phenyl ether	ug/kg, wet wt.	0 / 3	0%					16	24	
4-Methylphenol	ug/kg, wet wt.	0 / 3	0%					27	40	
4-Nitroaniline	ug/kg, wet wt.	0 / 3	0%					110	160	
4-Nitrophenol	ug/kg, wet wt.	0 / 3	0%					53	80	
Acenaphthene	ug/kg, wet wt.	0 / 3	0%					11	16	
Acenaphthylene	ug/kg, wet wt.	0 / 3	0%					16	24	
Aniline	ug/kg, wet wt.	0 / 3	0%					53	80	
Anthracene	ug/kg, wet wt.	0 / 3	0%					16	24	
Benzidine	ug/kg, wet wt.	0 / 3	0%					640	960	
Benzo(a)anthracene	ug/kg, wet wt.	0 / 3	0%					16	24	
Benzo(a)pyrene	ug/kg, wet wt.	0 / 3	0%					27	40	
Benzo(b)fluoranthene	ug/kg, wet wt.	0 / 3	0%					43	64	
Benzo(g,h,i)perylene	ug/kg, wet wt.	0 / 3	0%					27	40	
Benzo(k)fluoranthene	ug/kg, wet wt.	0 / 3	0%					43	64	
Benzoic acid	ug/kg, wet wt.	2 / 3	67%	140	351	246	DU-H07	L11190-12	110	110
Benzyl alcohol	ug/kg, wet wt.	3 / 3	100%	60.9	116	89.0	DU-H07	L11190-10		
bis(2-chloroethoxy)methane	ug/kg, wet wt.	0 / 3	0%					27	40	
bis(2-chloroethyl)ether	ug/kg, wet wt.	0 / 3	0%					16	24	
bis(2-ethylhexyl)phthalate	ug/kg, wet wt.	0 / 3	0%					16	24	
bis-chloroisopropyl ether	ug/kg, wet wt.	0 / 3	0%					53	80	
Butyl benzyl phthalate	ug/kg, wet wt.	0 / 3	0%					16	24	
Caffeine	ug/kg, wet wt.	0 / 3	0%					5.3	8	

**Table B-15. Summary of English sole (cooked filet without skin) chemistry from King County Water Quality Assessment (KC WQA)**

<b>Event Start Date:</b>		2/1/97		<b>Detected Concentration Summary</b>						<b>Reporting Limit</b>	
<b>Event Stop Date:</b>		6/1/97									
<b>ParameterName</b>	<b>Units</b>	<b>Det. Freq.</b>	<b>Min</b>	<b>Max</b>	<b>Average</b>	<b>Location of Max</b>	<b>Sample ID of Max.</b>	<b>Summary Min</b>	<b>Summary Max</b>		
<b>Method:</b> EPA 8270											
Carbazole	ug/kg, wet wt.	0 / 3	0%					27	40		
Chrysene	ug/kg, wet wt.	0 / 3	0%					16	24		
Coprostanol	ug/kg, wet wt.	0 / 3	0%					110	160		
Dibenzo(a,h)anthracene	ug/kg, wet wt.	0 / 3	0%					43	64		
Dibenzofuran	ug/kg, wet wt.	0 / 3	0%					27	40		
Diethyl phthalate	ug/kg, wet wt.	0 / 3	0%					27	40		
Dimethyl phthalate	ug/kg, wet wt.	0 / 3	0%					11	16		
Di-n-butyl phthalate	ug/kg, wet wt.	1 / 3	33%	56	56	56.0	DU-H07	L11190-12	27	27	
Di-n-octyl phthalate	ug/kg, wet wt.	0 / 3	0%					16	24		
Fluoranthene	ug/kg, wet wt.	0 / 3	0%					16	24		
Fluorene	ug/kg, wet wt.	0 / 3	0%					16	24		
Hexachlorobenzene	ug/kg, wet wt.	0 / 3	0%					16	24		
Hexachlorobutadiene	ug/kg, wet wt.	0 / 3	0%					27	40		
Hexachlorocyclopentadiene	ug/kg, wet wt.	0 / 3	0%					27	40		
Hexachloroethane	ug/kg, wet wt.	0 / 3	0%					27	40		
Indeno(1,2,3-cd)pyrene	ug/kg, wet wt.	0 / 3	0%					27	40		
Isophorone	ug/kg, wet wt.	0 / 3	0%					27	40		
Naphthalene	ug/kg, wet wt.	0 / 3	0%					43	64		
Nitrobenzene	ug/kg, wet wt.	0 / 3	0%					27	40		
N-Nitrosodimethylamine	ug/kg, wet wt.	0 / 3	0%					110	160		
N-Nitroso-di-n-propylamine	ug/kg, wet wt.	0 / 3	0%					27	40		
N-Nitrosodiphenylamine	ug/kg, wet wt.	0 / 3	0%					27	40		
Pentachlorophenol	ug/kg, wet wt.	0 / 3	0%					27	40		
Phenanthrene	ug/kg, wet wt.	0 / 3	0%					16	24		
Phenol	ug/kg, wet wt.	0 / 3	0%					110	160		
Pyrene	ug/kg, wet wt.	0 / 3	0%					16	24		
<b>Method:</b> Krone et al. 1989											
Tributyltin	ug/kg, wet wt.	3 / 3	100%	8.83	15	11.5	DU-H07	L11190-10			
<b>Method:</b> PSEP, 1997											
Lipid	%, wet wt.	3 / 3	100%	1.47	3.04	2.06	DU-H07	L11190-12			
<b>Method:</b> SM 2540-G											
Total solids	%, wet wt.	3 / 3	100%	20	22.5	21.2	DU-H07	L11190-12			

**Table B-16. Summary of English sole (whole body) chemistry from King County Water Quality Assessment (KC WQA)**

<b>Event Start Date:</b>		2/1/97		<b>Detected Concentration Summary</b>						<b>Reporting Limit</b>	
<b>Event Stop Date:</b>		6/1/97									
<b>ParameterName</b>	<b>Units</b>	<b>Det. Freq.</b>	<b>Min</b>	<b>Max</b>	<b>Average</b>	<b>Location of Max</b>	<b>Sample ID of Max.</b>	<b>Summary Min</b>	<b>Summary Max</b>		
<b>Method:</b> EPA 6020											
Antimony (total)	mg/kg, wet wt.	0 / 3	0%					0.02	0.02		
Arsenic (total)	mg/kg, wet wt.	3 / 3	100%	5.52	5.78	5.69	DU-H07	L11190-19			
Cadmium (total)	mg/kg, wet wt.	0 / 2	0%					0.0079	0.0079		
Chromium (total)	mg/kg, wet wt.	3 / 3	100%	0.323	0.375	0.340	DU-H07	L11190-20			
Copper (total)	mg/kg, wet wt.	3 / 3	100%	0.379	0.411	0.400	DU-H07	L11190-19			
Lead (total)	mg/kg, wet wt.	3 / 3	100%	0.118	0.208	0.148	DU-H07	L11190-20			
Nickel (total)	mg/kg, wet wt.	3 / 3	100%	0.17	0.23	0.190	DU-H07	L11190-20			
Silver (total)	mg/kg, wet wt.	0 / 3	0%					0.012	0.012		
Zinc (total)	mg/kg, wet wt.	3 / 3	100%	15.6	15.6	15.6	DU-H07	L11190-19			
<b>Method:</b> EPA 7471											
Mercury (total)	mg/kg, wet wt.	3 / 3	100%	0.0642	0.0757	0.0719	DU-H07	L11190-19			
<b>Method:</b> EPA 8080											
Aroclor-1016	ug/kg, wet wt.	0 / 3	0%					17	67		
Aroclor-1221	ug/kg, wet wt.	0 / 3	0%					17	67		
Aroclor-1232	ug/kg, wet wt.	0 / 3	0%					17	67		
Aroclor-1242	ug/kg, wet wt.	0 / 3	0%					17	67		
Aroclor-1248	ug/kg, wet wt.	3 / 3	100%	20	76	38.7	DU-H07	L11190-20			
Aroclor-1254	ug/kg, wet wt.	3 / 3	100%	335	750	473	DU-H07	L11190-20			
Aroclor-1260	ug/kg, wet wt.	3 / 3	100%	366	607	446	DU-H07	L11190-20			
<b>Method:</b> Krone et al. 1989											
Tributyltin	ug/kg, wet wt.	3 / 3	100%	11.8	12.2	12.1	DU-H07	L11190-19			
<b>Method:</b> PSEP, 1997											
Lipid	%, wet wt.	3 / 3	100%	1.88	2.22	1.99	DU-H07	L11190-20			
<b>Method:</b> SM 2540-G											
Total solids	%, wet wt.	3 / 3	100%	22.4	24.6	23.1	DU-H07	L11190-20			



**Table B-17. Summary of Dungeness crab (edible meat) chemistry from Waterway Sediment Operable Unit (WSOU)**

<b>Event Start Date:</b>		10/21/98		<b>Detected Concentration Summary</b>						<b>Reporting Limit</b>	
<b>Event Stop Date:</b>		12/11/98								<b>Summary</b>	
<b>ParameterName</b>	<b>Units</b>	<b>Det. Freq.</b>	<b>Min</b>	<b>Max</b>	<b>Average</b>	<b>Location of Max</b>	<b>Sample ID of Max.</b>	<b>Min</b>	<b>Max</b>		
<b>Method:</b> EPA 7471											
Mercury (total)	ug/kg, wet wt.	1 / 1	100%	70	70	70.0	HH-LD-C4	HH-LD-C4			
<b>Method:</b> EPA 8080											
Aroclor-1016/1242	ug/kg, wet wt.	1 / 1	100%	5.6	5.6	5.60	HH-LD-C4	HH-LD-C4			
Aroclor-1248	ug/kg, wet wt.	0 / 1	0%						0.21 0.21		
Aroclor-1254	ug/kg, wet wt.	1 / 1	100%	43	43	43.0	HH-LD-C4	HH-LD-C4			
Aroclor-1260	ug/kg, wet wt.	1 / 1	100%	31	31	31.0	HH-LD-C4	HH-LD-C4			
<b>Method:</b> Krone et al. 1989											
Tributyltin	ug/kg, wet wt.	0 / 1	0%						2 2		

**Table B-18. Summary of English sole (filet without skin) chemistry from Waterway Sediment Operable Unit (WSOU)**

<b>Event Start Date:</b> 10/21/98		<b>Detected Concentration Summary</b>								<b>Reporting Limit</b>	
<b>Event Stop Date:</b> 12/11/98		<b>Det. Freq.</b>	<b>Min</b>	<b>Max</b>	<b>Average</b>	<b>Location of Max</b>	<b>Sample ID of Max.</b>	<b>Summary</b>			
<b>ParameterName</b>	<b>Units</b>							<b>Min</b>	<b>Max</b>		
<b>Method:</b> EPA 7471											
Mercury (total)	ug/kg, wet wt.	3 / 3	100%	40	60	50.0	HH-UD-3F	HH-UD-F3			
<b>Method:</b> EPA 8080											
Aroclor-1016/1242	ug/kg, wet wt.	3 / 3	100%	10	16	14.0	HH-UD-3F	HH-UD-F3			
Aroclor-1248	ug/kg, wet wt.	0 / 3	0%						0.23 0.49		
Aroclor-1254	ug/kg, wet wt.	3 / 3	100%	160	300	210	HH-UD-3F	HH-UD-F3			
Aroclor-1260	ug/kg, wet wt.	3 / 3	100%	110	210	143	HH-UD-3F	HH-UD-F3			
<b>Method:</b> Krone et al. 1989											
Tributyltin	ug/kg, wet wt.	0 / 3	0%						2 2		

**Table B-19. Summary of pile perch (filet with skin) chemistry from Waterway Sediment Operable Unit (WSOU)**

<b>Event Start Date:</b>		10/21/98		<b>Detected Concentration Summary</b>						<b>Reporting Limit</b>	
<b>Event Stop Date:</b>		12/11/98								<b>Summary</b>	
<b>ParameterName</b>	<b>Units</b>	<b>Det. Freq.</b>	<b>Min</b>	<b>Max</b>	<b>Average</b>	<b>Location of Max</b>	<b>Sample ID of Max.</b>	<b>Min</b>	<b>Max</b>		
<b>Method:</b>	EPA 7471										
Mercury (total)	ug/kg, wet wt.	1 / 1	100%	20	20	20.0	HH-EB-P1	HH-EB-P1 with skin			
<b>Method:</b>	EPA 8080										
Aroclor-1016/1242	ug/kg, wet wt.	1 / 1	100%	1.1	1.1	1.10	HH-EB-P1	HH-EB-P1 with skin			
Aroclor-1248	ug/kg, wet wt.	0 / 1	0%					0.42	0.42		
Aroclor-1254	ug/kg, wet wt.	1 / 1	100%	31	31	31.0	HH-EB-P1	HH-EB-P1 with skin			
Aroclor-1260	ug/kg, wet wt.	1 / 1	100%	29	29	29.0	HH-EB-P1	HH-EB-P1 with skin			
<b>Method:</b>	Krone et al. 1989										
Tributyltin	ug/kg, wet wt.	1 / 1	100%	12	12	12.0	HH-EB-P1	HH-EB-P1 with skin			

**Table B-20. Summary of pile perch (filet without skin) chemistry from Waterway Sediment Operable Unit (WSOU)**

<b>Event Start Date:</b>		10/21/98		<b>Detected Concentration Summary</b>						<b>Reporting Limit</b>	
<b>Event Stop Date:</b>		12/11/98								<b>Summary</b>	
<b>ParameterName</b>	<b>Units</b>	<b>Det. Freq.</b>	<b>Min</b>	<b>Max</b>	<b>Average</b>	<b>Location of Max</b>	<b>Sample ID of Max.</b>	<b>Min</b>	<b>Max</b>		
<b>Method:</b> EPA 7471											
Mercury (total)	ug/kg, wet wt.	1 / 1	100%	20	20	20.0	HH-EB-P1	HH-EB-P1 without skin			
<b>Method:</b> EPA 8080											
Aroclor-1016/1242	ug/kg, wet wt.	0 / 1	0%						0.7	0.7	
Aroclor-1248	ug/kg, wet wt.	0 / 1	0%						0.7	0.7	
Aroclor-1254	ug/kg, wet wt.	1 / 1	100%	22	22	22.0	HH-EB-P1	HH-EB-P1 without skin			
Aroclor-1260	ug/kg, wet wt.	1 / 1	100%	21	21	21.0	HH-EB-P1	HH-EB-P1 without skin			
<b>Method:</b> Krone et al. 1989											
Tributyltin	ug/kg, wet wt.	1 / 1	100%	7	7	7.00	HH-EB-P1	HH-EB-P1 without skin			

**Table B-21. Summary of red rock crab (edible meat) chemistry from Waterway Sediment Operable Unit (WSOU)**

<b>Event Start Date:</b> 10/21/98		<b>Detected Concentration Summary</b>							<b>Reporting Limit</b>	
<b>Event Stop Date:</b> 12/11/98		<b>Det. Freq.</b>	<b>Min</b>	<b>Max</b>	<b>Average</b>	<b>Location of Max</b>	<b>Sample ID of Max.</b>	<b>Summary Min</b>	<b>Summary Max</b>	
<b>ParameterName</b>	<b>Units</b>									
<b>Method:</b> EPA 7471										
Mercury (total)	ug/kg, wet wt.	7 / 8	88%	30	130	70.0	HH-EW-1C	HH-EW-C1	20 20	
<b>Method:</b> EPA 8080										
Aroclor-1016/1242	ug/kg, wet wt.	8 / 8	100%	7.5	16	10.9	HH-LD-C1	HH-LD-C1		
Aroclor-1248	ug/kg, wet wt.	0 / 8	0%						0.33 0.87	
Aroclor-1254	ug/kg, wet wt.	8 / 8	100%	18	91	54.1	HH-EW-1C	HH-EW-C1		
Aroclor-1260	ug/kg, wet wt.	8 / 8	100%	8.9	100	51.2	HH-EW-3C	HH-EW-C3		
<b>Method:</b> Krone et al. 1989										
Tributyltin	ug/kg, wet wt.	0 / 8	0%						2 2	

**Table B-22. Summary of Red rock/Dungeness crab (edible meat) chemistry from Waterway Sediment Operable Unit (WSOU)**

<b>Event Start Date:</b>		10/21/98		<b>Detected Concentration Summary</b>						<b>Reporting Limit</b>	
<b>Event Stop Date:</b>		12/11/98								<b>Summary</b>	
<b>ParameterName</b>	<b>Units</b>	<b>Det. Freq.</b>	<b>Min</b>	<b>Max</b>	<b>Average</b>	<b>Location of Max</b>	<b>Sample ID of Max.</b>	<b>Min</b>	<b>Max</b>		
<b>Method:</b>	EPA 7471										
Mercury (total)	ug/kg, wet wt.	1 / 1	100%	70	70	70.0	HH-LD-C3	HH-LD-C3			
<b>Method:</b>	EPA 8080										
Aroclor-1016/1242	ug/kg, wet wt.	1 / 1	100%	10	10	10.0	HH-LD-C3	HH-LD-C3			
Aroclor-1248	ug/kg, wet wt.	0 / 1	0%						0.48	0.48	
Aroclor-1254	ug/kg, wet wt.	1 / 1	100%	28	28	28.0	HH-LD-C3	HH-LD-C3			
Aroclor-1260	ug/kg, wet wt.	1 / 1	100%	22	22	22.0	HH-LD-C3	HH-LD-C3			
<b>Method:</b>	Krone et al. 1989										
Tributyltin	ug/kg, wet wt.	0 / 1	0%						2	2	

**Table B-23. Summary of striped perch (filet with skin) chemistry from Waterway Sediment Operable Unit (WSOU)**

<b>Event Start Date:</b> 10/21/98		<b>Detected Concentration Summary</b>							<b>Reporting Limit</b>	
<b>Event Stop Date:</b> 12/11/98		<b>Det. Freq.</b>	<b>Min</b>	<b>Max</b>	<b>Average</b>	<b>Location of Max</b>	<b>Sample ID of Max.</b>	<b>Summary Min</b>	<b>Summary Max</b>	
<b>ParameterName</b>	<b>Units</b>									
<b>Method:</b> EPA 7471										
Mercury (total)	ug/kg, wet wt.	7 / 11	64%	20	70	37.1	HH-LD-P2	HH-LD-P2 with skin	20	20
<b>Method:</b> EPA 8080										
Aroclor-1016/1242	ug/kg, wet wt.	10 / 11	91%	1.5	9.4	4.96	HH-LD-P5	HH-LD-P5 with skin	3	3
Aroclor-1248	ug/kg, wet wt.	0 / 11	0%						0.32	3
Aroclor-1254	ug/kg, wet wt.	11 / 11	100%	31	110	73.2	HH-LD-P2	HH-LD-P2 with skin		
Aroclor-1260	ug/kg, wet wt.	11 / 11	100%	38	120	82.4	HH-EW-P3	HH-EW-P3 with skin		
<b>Method:</b> Krone et al. 1989										
Tributyltin	ug/kg, wet wt.	11 / 11	100%	5	31	14.3	HH-EW-P3	HH-EW-P3 with skin		

**Table B-24. Summary of striped perch (filet without skin) chemistry from Waterway Sediment Operable Unit (WSOU)**

<b>Event Start Date:</b>		10/21/98		<b>Detected Concentration Summary</b>						<b>Reporting Limit Summary</b>	
<b>Event Stop Date:</b>		12/11/98		<b>Det. Freq.</b>	<b>Min</b>	<b>Max</b>	<b>Average</b>	<b>Location of Max</b>	<b>Sample ID of Max.</b>	<b>Min</b>	<b>Max</b>
<b>ParameterName</b>	<b>Units</b>										
<b>Method:</b> EPA 7471											
Mercury (total)	ug/kg, wet wt.	5	/ 11	45%	20	60	36.0	HH-LD-P2	HH-LD-P2 without skin	20	20
<b>Method:</b> EPA 8080											
Aroclor-1016/1242	ug/kg, wet wt.	8	/ 11	73%	1.3	8.3	4.14	HH-LD-P2	HH-LD-P2 without skin	1.5	2.3
Aroclor-1248	ug/kg, wet wt.	0	/ 11	0%						0.5	2.3
Aroclor-1254	ug/kg, wet wt.	11	/ 11	100%	31	110	52.1	HH-LD-P2	HH-LD-P2 without skin		
Aroclor-1260	ug/kg, wet wt.	11	/ 11	100%	29	110	57.8	HH-LD-P2	HH-LD-P2 without skin		
<b>Method:</b> Krone et al. 1989											
Tributyltin	ug/kg, wet wt.	11	/ 11	100%	2	25	12.7	HH-EW-P3	HH-EW-P3 w/out skin		