

**Arthur D. Little, Inc.**

Environmental Monitoring and Analysis

**Minerals Management Service - Shelikof Strait and Outermost Cook Inlet**

1997 Final Data (Surrogate Corrected) - Surface Sediment - SHC

Field ID	98-AC-AC1-01-00- PHC-S	98-AC-AC1-02-00- PHC-S	98-AC-AC1-03-00- PHC-S	98-0-F1-01-00-PHC-S
Lab ID	98D2128	98D2125	98D2122	98D2091
SDG	SDGS002	SDGS002	SDGS002	SDGS001
File	09199825.D	09199822.D	09199819.D	09189830.D
Sample Type	SAMP	SAMP	SAMP	SAMP
Matrix	Sediment	Sediment	Sediment	Sediment
Sample Size	22.1 g	20.9 g	21 g	24 g
Weight Basis	DRY	DRY	DRY	DRY
Associated Blank	BV-S-83PB	BV-S-83PB	BV-S-83PB	BV-S-80PB
Field Date	6/27/1998	6/27/1998	6/27/1998	7/3/1998
Extract Date	9/14/1998	9/14/1998	9/14/1998	9/10/1998
Analysis Date	9/21/1998	9/21/1998	9/20/1998	9/19/1998
Min Reporting Limit	0.023	0.024	0.024	0.021
Units	ug/g	ug/g	ug/g	ug/g
<b>SHC</b>				
nC9	0.032	0.038	0.031	0.0054 J
nC10	0.072	0.074	0.06	0.0077 JB
nC11	0.088	0.091	0.074	0.0082 JB
nC12	0.1	0.1	0.086	0.0064 J
nC13	0.13	0.13	0.11	0.0075 JB
1380	0.043	0.043	0.044	0.0049 J
nC14	0.14	0.19	0.12	0.015 JB
1470	0.087	0.089	0.075	0.012 J
nC15	0.25	0.24	0.19	0.033
nC16	0.12	0.12	0.11	0.016 J
1650	0.051	0.053	0.045	0.0094 J
nC17	0.16	0.15	0.15	0.025
pristane	0.4	0.4	0.36	0.084
nC18	0.092	0.092	0.089	0.014 J
phytane	0.053	0.055	0.054	0.0063 J
nC19	0.15	0.17	0.17	0.042
nC20	0.11	0.1	0.1	0.38
nC21	0.11	0.1	0.1	0.056
nC22	0.095	0.09	0.09	0.15
nC23	0.12	0.11	0.11	0.13
nC24	0.11	0.11	0.12	0.044 B
nC25	0.13	0.11	0.11	0.21
nC26	0.091	0.087	0.084	0.089
nC27	0.16	0.15	0.14	0.45
nC28	0.1	0.097	0.1	0.06
nC29	0.14	0.14	0.12	0.44
nC30	0.078	0.065	0.076	ND
nC31	0.18	0.17	0.16	0.29
nC32	0.28	0.28	0.24	ND
nC33	0.11	0.12	0.14	0.1
nC34	0.032	0.035	0.026	ND
nC35	ND	ND	ND	ND
nC36	0.0062 J	0.007 J	0.02 J	0.018 J
nC37	ND	0.009 J	0.0081 J	ND
nC38	0.017 J	0.014 J	0.01 J	ND
nC39	ND	ND	ND	0.041
nC40	ND	ND	ND	ND
Total Resolved	20	20	20	21
TPHC	50	46	44	44
OTP	64	66	66	66
5AA	73	77	71	67
D50T	72	74	75	70

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Environmental Monitoring and Analysis

**Minerals Management Service - Shelikof Strait and Outermost Cook Inlet**

1997 Final Data (Surrogate Corrected) - Surface Sediment - SHC

Field ID	98-0-F1-02-00-PHC-S	98-0-F1-02-00-PHC-S	98-0-F1-03-00-PHC-S	98-0-F2-01-00-PHC-S
Lab ID	98D2118	98D2118DUP	98D2107	98D2094
SDG	SDGS002	SDGS002	SDGS001	SDGS001
File	09199812.D	09199813.D	09189868.D	09189840.D
Sample Type	SAMP	QC	SAMP	SAMP
Matrix	Sediment	Sediment	Sediment	Sediment
Sample Size	25.2 g	25.4 g	24.5 g	30.8 g
Weight Basis	DRY	DRY	DRY	DRY
Associated Blank	BV-S-83PB	BV-S-83PB	BV-S-80PB	BV-S-80PB
Field Date	7/4/1998	7/4/1998	7/3/1998	7/3/1998
Extract Date	9/14/1998	9/14/1998	9/10/1998	9/10/1998
Analysis Date	9/20/1998	9/20/1998	9/20/1998	9/19/1998
Min Reporting Limit	0.02	0.02	0.02	0.016
Units	ug/g	ug/g	ug/g	ug/g
<b>SHC</b>				
nC9	ND	ND	0.0065 J	ND
nC10	0.0039 J	0.0052 J	0.0087 JB	0.0061 JB
nC11	0.01 J	0.0079 J	0.011 JB	0.01 JB
nC12	0.0095 J	0.0077 J	0.0072 J	0.0055 J
nC13	0.008 J	0.0082 J	0.0083 JB	0.0061 JB
1380	0.0046 J	0.0037 J	0.0064 J	0.0051 J
nC14	0.01 J	0.011 J	0.023	0.017 B
1470	0.012 J	0.012 J	0.011 J	0.0084 J
nC15	0.044	0.044	0.038	0.015 J
nC16	0.011 J	0.011 J	0.018 J	0.0084 J
1650	0.003 J	0.0029 J	0.0081 J	0.005 J
nC17	0.032	0.032	0.031	0.0092 J
pristane	0.079	0.069	0.068	0.4
nC18	0.0072 J	0.0098 J	0.012 J	0.0099 JB
phytane	0.0051 J	0.0057 J	0.0053 J	ND
nC19	0.035	0.034	0.046	0.11
nC20	0.017 J	0.018 J	0.29	0.25
nC21	0.46	0.46	0.078	0.13
nC22	0.054	0.059	0.081	0.014 J
nC23	0.12	0.15	0.12	0.072
nC24	0.055	0.056	0.042 B	0.014 JB
nC25	0.21	0.22	0.22	0.057
nC26	0.056	0.055	0.091	0.023
nC27	0.47	0.47	1.3	0.096
nC28	0.061	0.059	0.081	0.016
nC29	0.41	0.4	0.59	0.089
nC30	0.21	0.22	ND	0.049
nC31	0.41	0.43	0.29	0.051
nC32	0.39	0.29	ND	ND
nC33	0.16	0.14	0.13	0.025
nC34	ND	ND	ND	0.01 J
nC35	0.07	0.057	ND	0.042
nC36	ND	ND	ND	ND
nC37	ND	ND	ND	0.016
nC38	ND	ND	ND	ND
nC39	ND	ND	ND	ND
nC40	ND	ND	ND	ND
Total Resolved	32	30	31	20
TPHC	61	59	58	34
OTP	64	66	58	67
5AA	64	62	62	71
D50T	70	68	65	72

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Environmental Monitoring and Analysis

**Minerals Management Service - Shelikof Strait and Outermost Cook Inlet**

1997 Final Data (Surrogate Corrected) - Surface Sediment - SHC

Field ID	98-0-F4-01-00-PHC-S	98-0-F5-01-00-PHC-S	98-0-F6-01-00-PHC-S	98-0-F8-01-00-PHC-S
Lab ID	98D2143	98D2144	98D2145	98D2089
SDG	SDGS002	SDGS002	SDGS002	SDGS001
File	09199828.D	09199831.D	09199832.D	09189826.D
Sample Type	SAMP	SAMP	SAMP	SAMP
Matrix	Sediment	Sediment	Sediment	Sediment
Sample Size	30.4 g	30 g	35.5 g	35.8 g
Weight Basis	DRY	DRY	DRY	DRY
Associated Blank	BV-S-83PB	BV-S-83PB	BV-S-83PB	BV-S-80PB
Field Date	7/2/1998	7/2/1998	7/2/1998	7/2/1998
Extract Date	9/14/1998	9/14/1998	9/14/1998	9/10/1998
Analysis Date	9/21/1998	9/21/1998	9/21/1998	9/19/1998
Min Reporting Limit	0.016	0.017	0.014	0.014
Units	ug/g	ug/g	ug/g	ug/g
<b>SHC</b>				
nC9	0.014 J	ND	ND	0.003 J
nC10	0.0067 J	0.0042 J	0.0028 J	0.0042 JB
nC11	0.013 J	0.0072 J	0.0069 J	0.0043 JB
nC12	0.024	0.0096 J	0.0096 J	0.0041 J
nC13	0.014 J	0.0074 J	0.0049 J	0.0052 JB
1380	0.004 J	0.0017 J	0.001 J	0.0017 J
nC14	0.016	0.0088 J	0.008 J	0.013 JB
1470	0.0091 J	0.0062 J	0.003 J	0.0039 J
nC15	0.027	0.017	0.0089 J	0.0095 JB
nC16	0.014 J	0.011 J	0.0071 J	0.0071 J
1650	0.0056 J	0.0028 J	0.0018 J	0.003 J
nC17	0.017	0.013 J	0.007 J	0.0083 J
pristane	0.1	0.02	0.011 J	0.013 J
nC18	0.014 J	0.0098 J	0.0066 J	0.0069 JB
phytane	0.0062 J	0.0041 J	0.0019 J	0.0018 J
nC19	0.018	0.013 J	0.0075 J	ND
nC20	0.013 J	0.0096 J	0.0061 J	0.034
nC21	0.016	0.029	0.014	0.017
nC22	0.012 J	0.017	0.0095 J	0.011 J
nC23	0.02	0.045	0.026	0.029
nC24	0.018	0.022	0.014	0.011 JB
nC25	0.023	0.08	0.046	0.046
nC26	0.011 J	0.02	0.012 J	0.018
nC27	0.052	0.19	0.094	0.1
nC28	0.017	0.017	0.0099 J	0.013 J
nC29	0.034	0.092	0.05	0.078
nC30	0.013 J	0.034	0.03	0.012 J
nC31	0.053	0.08	0.053	0.038
nC32	0.12	0.066	0.041	0.0077 J
nC33	0.011 J	0.016 J	0.01 J	0.012 J
nC34	0.011 J	0.069	0.028	ND
nC35	ND	0.017	0.0077 J	0.0073 J
nC36	ND	0.0044 J	0.002 J	ND
nC37	ND	ND	0.014	ND
nC38	0.02	ND	0.003 J	ND
nC39	ND	ND	0.0052 J	ND
nC40	ND	ND	ND	ND
Total Resolved	8.9	5.7	4.7	2.8
TPHC	15	13	7.9	6.8
OTP	70	77	71	73
5AA	75	79	74	75
D50T	77	80	76	79

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1997 Final Data (Surrogate Corrected) - Surface Sediment - SHC

Field ID	98-0-F13-01-00-PHC-S	98-0-F14-01-00-PHC-S	98-1-F1-01-00-PHC-S	98-1-F1-02-00-PHC-S
Lab ID	98D2093	98D2092	98D2153	98D2154
SDG	SDGS001	SDGS001	SDGS004	SDGS004
File	09189838.D	09189836.D	10099815.D	10099818.D
Sample Type	SAMP	SAMP	SAMP	SAMP
Matrix	Sediment	Sediment	Sediment	Sediment
Sample Size	29.3 g	21.3 g	27.6 g	28.4 g
Weight Basis	DRY	DRY	DRY	DRY
Associated Blank	BV-S-80PB	BV-S-80PB	BV-S-97PB	BV-S-97PB
Field Date	7/3/1998	7/3/1998	7/2/1998	7/2/1998
Extract Date	9/10/1998	9/10/1998	9/25/1998	9/25/1998
Analysis Date	9/19/1998	9/19/1998	10/10/1998	10/10/1998
Min Reporting Limit	0.017	0.023	0.018	0.018
Units	ug/g	ug/g	ug/g	ug/g
<b>SHC</b>				
nC9	0.0045 J	0.0094 J	0.0088 JB	0.015 JB
nC10	0.0077 JB	0.013 JB	0.014 J	0.012 J
nC11	0.0086 JB	0.014 JB	0.017 J	0.018
nC12	0.0082 J	0.014 J	0.019	0.021
nC13	0.0094 JB	0.017 J	0.025	0.023
1380	0.0054 J	0.0086 J	0.0074 J	0.0063 J
nC14	0.022	0.04	0.03	0.027
1470	0.0096 J	0.017 J	0.017 J	0.016 J
nC15	0.026	0.053	0.053	0.047
nC16	0.014 J	0.026	0.029	0.025
1650	0.0068 J	0.013 J	0.0097 J	0.0094 J
nC17	0.014 J	0.034	0.032	0.031
pristane	0.13	0.095	0.098	0.099
nC18	0.014 J	0.023	0.033	0.032
phytane	0.0032 J	0.0064 J	0.009 J	0.0088 J
nC19	0.064	0.058	0.059	0.038
nC20	0.19	0.17	0.028	0.026
nC21	0.03	0.045	0.061	0.058
nC22	0.032	0.058	0.031	0.03
nC23	0.054	0.083	0.042	0.049
nC24	0.021 B	0.031 B	0.03	0.041
nC25	0.085	0.14	0.056	0.07
nC26	0.036	0.057	0.025 B	0.03
nC27	0.19	0.36	0.12	0.17
nC28	0.026	0.049	0.043	0.048
nC29	0.2	0.32	0.084	0.094
nC30	ND	ND	0.069	0.094
nC31	0.1	0.19	0.12	0.13
nC32	ND	ND	0.24	0.22
nC33	0.05	0.095	ND	ND
nC34	0.047	ND	0.16	0.14
nC35	0.042	ND	0.037	0.05
nC36	0.0091 J	0.013 J	0.03	0.035
nC37	ND	ND	0.0093 J	ND
nC38	ND	ND	0.036	0.036
nC39	ND	ND	ND	ND
nC40	ND	ND	ND	ND
Total Resolved	12	24	12	14
TPHC	26	47	26	26
OTP	71	66	58	59
5AA	72	68	64	61
D50T	75	71	64	66

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1997 Final Data (Surrogate Corrected) - Surface Sediment - SHC

Field ID	98-1-F1-03-00-PHC-S	98-1-F2-01-00-PHC-S	98-1-16-01-00-PHC-S	98-1-17-01-00-PHC-S
Lab ID	98D2152	98D2121	98D2149	98D2147
SDG	SDGS004	SDGS002	SDGS002	SDGS002
File	10099814.D	09199816.D	09199836.D	09199834.D
Sample Type	SAMP	SAMP	SAMP	SAMP
Matrix	Sediment	Sediment	Sediment	Sediment
Sample Size	28 g	20 g	24.7 g	29.7 g
Weight Basis	DRY	DRY	DRY	DRY
Associated Blank	BV-S-97PB	BV-S-83PB	BV-S-83PB	BV-S-83PB
Field Date	7/2/1998	6/28/1998	7/2/1998	7/2/1998
Extract Date	9/25/1998	9/14/1998	9/14/1998	9/14/1998
Analysis Date	10/10/1998	9/20/1998	9/22/1998	9/21/1998
Min Reporting Limit	0.018	0.025	0.02	0.017
Units	ug/g	ug/g	ug/g	ug/g
<b>SHC</b>				
nC9	0.0089 JB	0.019 J	0.0095 J	0.0077 J
nC10	0.015 J	0.032	0.017 J	0.011 J
nC11	0.016 J	0.038	0.024	0.015 J
nC12	0.016 J	0.044	0.026	0.018
nC13	0.022	0.05	0.025	0.02
1380	0.006 J	0.016 J	0.0077 J	0.0065 J
nC14	0.026	0.073	0.034	0.024
1470	0.015 J	0.034	0.019 J	0.014 J
nC15	0.048	0.1	0.058	0.043
nC16	0.026	0.052	0.033	0.022
1650	0.0082 J	0.02 J	0.012 J	0.0082 J
nC17	0.028	0.072	0.038	0.027
pristane	0.11	0.21	0.11	0.16
nC18	0.038	0.055	0.029	0.045
phytane	0.0072 J	0.021 J	0.012 J	0.009 J
nC19	0.038	0.078	0.042	0.031
nC20	0.022	0.044	0.025	0.018
nC21	0.052	0.055	0.035	0.023
nC22	0.026	0.039	0.026	0.017
nC23	0.038	0.054	0.044	0.025
nC24	0.027	0.051	0.039	0.021
nC25	0.054	0.072	0.065	0.032
nC26	0.025 B	0.043	0.034	0.017
nC27	0.14	0.16	0.16	0.064
nC28	0.042	0.065	0.034	0.026
nC29	0.095	0.11	0.093	0.048
nC30	0.065	0.046	0.034	0.057
nC31	0.12	0.15	0.12	0.057
nC32	0.26	0.31	0.17	0.14
nC33	ND	0.038	0.02	0.022
nC34	0.14	0.042	0.013 J	0.016 J
nC35	0.048	0.029	0.018 J	0.021
nC36	0.034	0.011 J	0.0057 J	0.011 J
nC37	ND	ND	ND	0.02
nC38	0.034	0.027	0.037	0.029
nC39	ND	ND	ND	0.016 J
nC40	ND	ND	ND	0.015 J
Total Resolved	12	21	13	8
TPHC	25	39	27	17
OTP	60	65	68	71
5AA	62	72	74	77
D50T	66	72	75	78

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Environmental Monitoring and Analysis

**Minerals Management Service - Shelikof Strait and Outermost Cook Inlet**

1997 Final Data (Surrogate Corrected) - Surface Sediment - SHC

Field ID	98-1-19-01-00-PHC-S	98-1-21-01-00-PHC-S	98-1-22-01-00-PHC-S	98-1-23-01-00-PHC-S
Lab ID	98D2148	98D2151	98D2146	98D2150
SDG	SDGS002	SDGS004	SDGS002	SDGS004
File	09199835.D	10099813.D	09199833.D	10099811.D
Sample Type	SAMP	SAMP	SAMP	SAMP
Matrix	Sediment	Sediment	Sediment	Sediment
Sample Size	29.3 g	35.1 g	32.7 g	30.4 g
Weight Basis	DRY	DRY	DRY	DRY
Associated Blank	BV-S-83PB	BV-S-97PB	BV-S-83PB	BV-S-97PB
Field Date	7/2/1998	7/2/1998	7/2/1998	7/2/1998
Extract Date	9/14/1998	9/25/1998	9/14/1998	9/25/1998
Analysis Date	9/21/1998	10/10/1998	9/21/1998	10/10/1998
Min Reporting Limit	0.017	0.014	0.015	0.016
Units	ug/g	ug/g	ug/g	ug/g
<b>SHC</b>				
nC9	0.0045 J	0.0047 JB	0.0044 J	0.0053 JB
nC10	0.0055 J	0.0069 J	0.0086 J	0.0058 J
nC11	0.0099 J	0.0077 JB	0.0099 J	0.0073 JB
nC12	0.0079 J	0.0088 J	0.01 J	0.0067 J
nC13	0.0085 J	0.011 J	0.013 J	0.01 J
1380	0.0018 J	0.0037 J	0.0043 J	0.0024 J
nC14	0.014 J	0.015	0.016	0.014 J
1470	0.0066 J	0.0081 J	0.0093 J	0.0063 J
nC15	0.019	0.023	0.026	0.022
nC16	0.015 J	0.013 J	0.014 J	0.012 J
1650	0.0031 J	0.0049 J	0.0049 J	0.004 J
nC17	0.019	0.016	0.017	0.018
pristane	0.041	0.063	0.078	0.054
nC18	0.0089 J	0.013 J	0.013 J	0.075
phytane	0.0041 J	0.005 J	0.0057 J	0.0053
nC19	0.016 J	0.057	0.018	0.05
nC20	0.01 J	0.014	0.012 J	0.014 J
nC21	0.025	0.029	0.04	0.05
nC22	0.017	0.017	0.014 J	0.022
nC23	0.043	0.023 B	0.026	0.056
nC24	0.023	0.018	0.018	0.025
nC25	0.082	0.026	0.041	0.1
nC26	0.02	0.015 B	0.014 J	0.032
nC27	0.22	0.06	0.11	0.27
nC28	0.02	0.029	0.018	0.047
nC29	0.11	0.044	0.056	0.14
nC30	0.088	0.026	0.02	0.066
nC31	0.1	0.067	0.083	0.13
nC32	0.32	0.14	0.16	0.2
nC33	0.035	ND	0.019	ND
nC34	0.13	0.068	0.15	0.12
nC35	0.064	0.029	0.0091 J	0.1
nC36	0.0091 J	0.012 J	ND	0.038
nC37	0.047	ND	ND	ND
nC38	ND	0.018	0.017	0.022
nC39	ND	ND	ND	0.056
nC40	ND	ND	ND	ND
Total Resolved	11	7.1	8.6	14
TPHC	22	14	16	28
OTP	71	59	72	60
5AA	77	61	76	62
D50T	77	65	78	65

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Environmental Monitoring and Analysis

**Minerals Management Service - Shelikof Strait and Outermost Cook Inlet**

1997 Final Data (Surrogate Corrected) - Surface Sediment - SHC

Field ID	98-1-23-01-00-PHC-S	98-2-F1-01-00-PHC-S	98-2-F2-01-00-PHC-S	98-2-F2-02-00-PHC-S
Lab ID	98D2150DUP	98D2102	98D2101	98D2098
SDG	SDGS004	SDGS001	SDGS001	SDGS001
File	10099812.D	09189854.D	09189852.D	09189848.D
Sample Type	QC	SAMP	SAMP	SAMP
Matrix	Sediment	Sediment	Sediment	Sediment
Sample Size	30.3 g	22.6 g	19.4 g	19.6 g
Weight Basis	DRY	DRY	DRY	DRY
Associated Blank	BV-S-97PB	BV-S-80PB	BV-S-80PB	BV-S-80PB
Field Date	7/2/1998	7/1/1998	7/1/1998	7/1/1998
Extract Date	9/25/1998	9/10/1998	9/10/1998	9/10/1998
Analysis Date	10/10/1998	9/20/1998	9/20/1998	9/20/1998
Min Reporting Limit	0.016	0.022	0.026	0.026
Units	ug/g	ug/g	ug/g	ug/g
<b>SHC</b>				
nC9	0.004 JB	0.011 J	0.027	0.018 J
nC10	0.006 J	0.017 JB	0.027	0.031
nC11	0.0065 JB	0.022	0.037	0.037
nC12	0.0068 J	0.02 J	0.029	0.036
nC13	0.0094 J	0.023	0.034	0.037
1380	0.0024 J	0.0098 J	0.015 J	0.017 J
nC14	0.013 J	0.049	0.076	0.081
1470	0.007 J	0.014 J	0.024 J	0.026
nC15	0.023	0.042	0.061	0.069
nC16	0.013 J	0.028	0.037	0.045
1650	0.0034 J	0.014 J	0.02 J	0.026
nC17	0.017	0.034	0.037	0.048
pristane	0.048	0.11	0.15	0.18
nC18	0.075	0.027	0.037	0.043
phytane	0.0039 J	0.0098 J	0.012 J	0.017 J
nC19	0.044	0.043	0.046	0.057
nC20	0.013 J	0.059	0.055	0.074
nC21	0.052	0.035	0.042	0.054
nC22	0.025	0.028	0.031	0.038
nC23	0.053	0.048	0.044	0.053
nC24	0.026	0.023 B	0.028 B	0.033 B
nC25	0.094	0.068	0.058	0.078
nC26	0.027	0.031	0.029	0.04
nC27	0.27	0.18	0.13	0.17
nC28	0.041	0.03	0.031	0.039
nC29	0.13	0.11	0.093	0.11
nC30	0.067	0.04	0.033	0.048
nC31	0.12	0.065	0.055	0.083
nC32	0.25	ND	0.021 J	0.019 J
nC33	ND	0.047	0.032	0.047
nC34	0.13	0.0081 J	ND	ND
nC35	0.1	0.029	0.018 J	0.023 J
nC36	0.044	ND	0.0076 J	0.011 J
nC37	ND	ND	ND	ND
nC38	0.028	ND	0.017 J	0.014 J
nC39	0.051	0.058	0.09	0.039
nC40	ND	0.034	0.051	0.013 J
Total Resolved	16	11	11	12
TPHC	31	25	27	30
OTP	58	71	68	70
5AA	61	71	69	71
D50T	64	75	73	74

**Arthur D. Little, Inc.**

Environmental Monitoring and Analysis

**Minerals Management Service - Shelikof Strait and Outermost Cook Inlet**

1997 Final Data (Surrogate Corrected) - Surface Sediment - SHC

Field ID	98-2-F2-03-00-PHC-S	98-2-F3-01-00-PHC-S	98-2-F3-02-00-PHC-S	98-2-F3-03-00-PHC-S
Lab ID	98D2096	98D2249	98D2194	98D2257
SDG	SDGS001	SDGS006	SDGS004	SDGS006
File	09189844.D	10209860.D	10099833.D	10179826.D
Sample Type	SAMP	SAMP	SAMP	SAMP
Matrix	Sediment	Sediment	Sediment	Sediment
Sample Size	18.8 g	20.8 g	19.1 g	19.7 g
Weight Basis	DRY	DRY	DRY	DRY
Associated Blank	BV-S-80PB	BW-S-41PB	BV-S-97PB	BW-S-41PB
Field Date	7/1/1998	6/30/1998	6/30/1998	6/30/1998
Extract Date	9/10/1998	10/6/1998	9/25/1998	10/6/1998
Analysis Date	9/20/1998	10/22/1998	10/11/1998	10/19/1998
Min Reporting Limit	0.027	0.024	0.026	0.025
Units	ug/g	ug/g	ug/g	ug/g
<b>SHC</b>				
nC9	0.016 J	0.02 JB	ND	0.014 JB
nC10	0.029	0.031	0.012 J	0.028
nC11	0.036	0.021 J	0.019 J	0.014 JB
nC12	0.034	0.018 J	0.024 J	0.016 J
nC13	0.034	0.02 J	0.027	0.019 J
1380	0.016 J	0.012 J	0.0092 J	0.014 J
nC14	0.081	0.039	0.031	0.036
1470	0.026 J	0.02 J	0.018 J	0.018 J
nC15	0.066	0.042	0.058	0.047
nC16	0.04	0.031	0.029	0.03
1650	0.022 J	0.01 J	0.0083 J	0.0088 J
nC17	0.042	0.044	0.054	0.04
pristane	0.17	0.08	0.12	0.12
nC18	0.042	0.027	0.024 J	0.018 J
phytane	0.016 J	0.0092 J	0.0084 J	0.0082 J
nC19	0.066	0.076	0.05	0.097
nC20	0.073	0.025	0.039	0.024 J
nC21	0.051	0.039	0.082	0.039
nC22	0.037	0.038	0.12	0.038
nC23	0.05	0.061	0.15	0.061
nC24	0.031 B	0.035	0.12	0.03
nC25	0.07	0.099	0.15	0.095
nC26	0.034	0.048	0.06	0.039
nC27	0.14	0.27	0.36	0.26
nC28	0.036	0.046	0.7	0.032
nC29	0.099	0.18	0.15	0.16
nC30	0.04	0.097	0.27	0.11
nC31	0.063	0.33	0.24	0.36
nC32	0.018 J	0.098	0.54	0.054
nC33	0.04	ND	ND	0.13
nC34	ND	0.1	0.32	ND
nC35	0.018 J	0.1	0.15	0.12
nC36	0.0081 J	0.049	0.054	0.047
nC37	ND	0.095	ND	0.14
nC38	0.017 J	0.033	0.2	ND
nC39	0.045	0.089	ND	0.052
nC40	0.03	ND	ND	ND
Total Resolved	11	28	47	40
TPHC	30	54	89	71
OTP	71	85	50	80
5AA	73	84	60	79
D50T	76	85	59	79



**Arthur D. Little, Inc.**

Environmental Monitoring and Analysis

**Minerals Management Service - Shelikof Strait and Outermost Cook Inlet**

1997 Final Data (Surrogate Corrected) - Surface Sediment - SHC

Field ID	98-2-F4-01-00-PHC-S	98-2-F4-02-00-PHC-S	98-2-F4-03-00-PHC-S	98-2-16-01-00-PHC-S
Lab ID	98D2235	98D2234	98D2106	98D2104
SDG	SDGS004	SDGS004	SDGS001	SDGS001
File	10099835.D	10099834.D	09189866.D	09189862.D
Sample Type	SAMP	SAMP	SAMP	SAMP
Matrix	Sediment	Sediment	Sediment	Sediment
Sample Size	20.5 g	20 g	18.6 g	21.3 g
Weight Basis	DRY	DRY	DRY	DRY
Associated Blank	BV-S-97PB	BV-S-97PB	BV-S-80PB	BV-S-80PB
Field Date	7/1/1998	7/1/1998	7/1/1998	7/1/1998
Extract Date	9/25/1998	9/25/1998	9/10/1998	9/10/1998
Analysis Date	10/12/1998	10/11/1998	9/20/1998	9/20/1998
Min Reporting Limit	0.024	0.025	0.027	0.023
Units	ug/g	ug/g	ug/g	ug/g
<b>SHC</b>				
nC9	0.013 JB	0.0087 JB	0.0074 J	0.014 J
nC10	0.015 J	0.012 J	0.013 JB	0.022 J
nC11	0.016 J	0.015 J	0.016 J	0.027
nC12	0.018 J	0.1	0.015 J	0.024
nC13	0.02 J	0.02 J	0.017 J	0.027
1380	0.0096 J	0.009 J	0.012 J	0.012 J
nC14	0.026	0.028	0.04	0.059
1470	0.015 J	0.017 J	0.012 J	0.02 J
nC15	0.044	0.056	0.038	0.05
nC16	0.023 J	0.028	0.024 J	0.034
1650	0.0054 J	0.0067 J	0.01 J	0.017 J
nC17	0.038	0.11	0.035	0.037
pristane	0.095	0.4	0.13	0.12
nC18	0.015 J	0.018 J	0.019 J	0.035
phytane	0.0074 J	0.0087 J	0.0058 J	0.013 J
nC19	0.036	0.048	0.1	0.046
nC20	0.019 J	0.022 J	0.029	0.059
nC21	0.038	0.041	0.027	0.037
nC22	0.027	0.45	0.024 J	0.032
nC23	0.04	0.05	0.04	0.046
nC24	0.026	0.041	0.034 B	0.028 B
nC25	0.08	0.1	0.078	0.067
nC26	0.023 JB	0.031	0.027	0.033
nC27	0.25	0.29	0.24	0.17
nC28	0.063	0.088	0.044	0.034
nC29	0.14	0.17	0.15	0.11
nC30	0.17	0.19	0.051	0.042
nC31	0.24	0.28	0.1	0.063
nC32	0.44	0.48	ND	0.018 J
nC33	ND	0.087	0.086	0.038
nC34	0.24	0.23	0.026 J	ND
nC35	0.11	0.1	0.051	0.022 J
nC36	0.047	0.05	0.011 J	0.0096 J
nC37	ND	ND	ND	ND
nC38	0.2	0.22	0.045	0.016 J
nC39	ND	0.12	0.065	0.092
nC40	0.027	0.051	ND	0.054
Total Resolved	24	29	16	11
TPHC	50	57	36	25
OTP	56	53	65	65
5AA	63	60	69	69
D50T	66	61	71	71

**Arthur D. Little, Inc.**

Environmental Monitoring and Analysis

**Minerals Management Service - Shelikof Strait and Outermost Cook Inlet**

1997 Final Data (Surrogate Corrected) - Surface Sediment - SHC

Field ID	98-2-17-01-00-PHC-S	98-2-19-01-00-PHC-S	98-2-20-01-00-PHC-S	98-2-21-01-00-PHC-S
Lab ID	98D2095	98D2097	98D2099	98D2105
SDG	SDGS001	SDGS001	SDGS001	SDGS001
File	09189842.D	09189846.D	09189850.D	09189864.D
Sample Type	SAMP	SAMP	SAMP	SAMP
Matrix	Sediment	Sediment	Sediment	Sediment
Sample Size	21 g	25.1 g	23.1 g	20.2 g
Weight Basis	DRY	DRY	DRY	DRY
Associated Blank	BV-S-80PB	BV-S-80PB	BV-S-80PB	BV-S-80PB
Field Date	7/1/1998	7/1/1998	7/1/1998	7/1/1998
Extract Date	9/10/1998	9/10/1998	9/10/1998	9/10/1998
Analysis Date	9/19/1998	9/20/1998	9/20/1998	9/20/1998
Min Reporting Limit	0.024	0.02	0.022	0.025
Units	ug/g	ug/g	ug/g	ug/g
<b>SHC</b>				
nC9	0.016 J	0.0066 J	0.012 J	0.018 J
nC10	0.03	0.012 JB	0.018 J	0.021 J
nC11	0.032	0.014 JB	0.025	0.029
nC12	0.032	0.014 J	0.021 J	0.028
nC13	0.034	0.016 J	0.023	0.031
1380	0.015 J	0.0062 J	0.01 J	0.015 J
nC14	0.053	0.035	0.051	0.072
1470	0.025	0.01 J	0.015 J	0.02 J
nC15	0.063	0.03	0.043	0.058
nC16	0.041	0.02	0.027	0.037
1650	0.02 J	0.0095 J	0.014 J	0.022 J
nC17	0.041	0.027	0.032	0.05
pristane	0.16	0.07	0.11	0.15
nC18	0.042	0.023	0.028	0.037
phytane	0.015 J	0.0075 J	0.011 J	0.016 J
nC19	0.056	0.066	0.039	0.041
nC20	0.075	0.057	0.061	0.07
nC21	0.058	0.032	0.034	0.052
nC22	0.043	0.024	0.025	0.048
nC23	0.054	0.049	0.046	0.064
nC24	0.035 B	0.022 B	0.024 B	0.041 B
nC25	0.073	0.085	0.071	0.088
nC26	0.035	0.029	0.029	0.045
nC27	0.16	0.22	0.19	0.18
nC28	0.031	0.025	0.027	0.04
nC29	0.11	0.12	0.1	0.13
nC30	0.046	0.028	0.037	0.054
nC31	0.067	0.07	0.054	0.087
nC32	ND	0.016 J	0.014 J	0.025
nC33	0.039	0.03	0.032	0.046
nC34	ND	ND	ND	ND
nC35	0.031	0.036	0.022	0.021 J
nC36	0.0094 J	0.005 J	0.0051 J	0.0086 J
nC37	ND	ND	ND	ND
nC38	0.013 J	ND	ND	0.015 J
nC39	ND	ND	0.021 J	0.065
nC40	0.0053 J	ND	0.022	0.039
Total Resolved	14	9.5	9.4	11
TPHC	31	21	21	26
OTP	73	71	70	66
5AA	75	74	70	71
D50T	78	77	74	72

**Arthur D. Little, Inc.**

Environmental Monitoring and Analysis

**Minerals Management Service - Shelikof Strait and Outermost Cook Inlet**

1997 Final Data (Surrogate Corrected) - Surface Sediment - SHC

Field ID	98-2-23-01-00-PHC-S	98-3-F1-01-00-PHC-S	98-3-F1-01-00-PHC-S	98-3-F2-01-00-PHC-S
Lab ID	98D2103	98D2247	98D2247DUP	98D2248
SDG	SDGS001	SDGS006	SDGS006	SDGS006
File	09189860.D	10209854.D	10209856.D	10209858.D
Sample Type	SAMP	SAMP	QC	SAMP
Matrix	Sediment	Sediment	Sediment	Sediment
Sample Size	22.8 g	22.3 g	22.3 g	23.5 g
Weight Basis	DRY	DRY	DRY	DRY
Associated Blank	BV-S-80PB	BW-S-41PB	BW-S-41PB	BW-S-41PB
Field Date	7/1/1998	6/30/1998	6/30/1998	6/30/1998
Extract Date	9/10/1998	10/6/1998	10/6/1998	10/6/1998
Analysis Date	9/20/1998	10/22/1998	10/22/1998	10/22/1998
Min Reporting Limit	0.022	0.022	0.022	0.021
Units	ug/g	ug/g	ug/g	ug/g
<b>SHC</b>				
nC9	0.014 J	0.015 JB	0.013 JB	0.011 JB
nC10	0.022	0.024	0.023	0.018 J
nC11	0.027	0.019 J	0.022	0.019 J
nC12	0.028	0.017 J	0.02 J	0.018 J
nC13	0.03	0.02 J	0.022	0.019 J
1380	0.014 J	0.012 J	0.014 J	0.017 J
nC14	0.069	0.039	0.042	0.038
1470	0.022	0.021 J	0.02 J	0.02 J
nC15	0.058	0.041	0.045	0.037
nC16	0.036	0.032	0.033	0.027
1650	0.022	0.011 J	0.011 J	0.0096 J
nC17	0.048	0.036	0.037	0.033
pristane	0.12	0.1	0.1	0.11
nC18	0.036	0.028	0.028	0.024
phytane	0.015 J	0.01 J	0.01 J	0.0084 J
nC19	0.051	0.047	0.043	0.031
nC20	0.076	0.033	0.025	0.03
nC21	0.047	0.035	0.04	0.031
nC22	0.035	0.039	0.038	0.03
nC23	0.057	0.058	0.061	0.05
nC24	0.032 B	0.032	0.031	0.029
nC25	0.092	0.082	0.084	0.071
nC26	0.036	0.039	0.034	0.034
nC27	0.2	0.22	0.22	0.15
nC28	0.039	0.04	0.035	0.032
nC29	0.15	0.12	0.13	0.12
nC30	0.055	0.08	0.087	0.075
nC31	0.089	0.24	0.22	0.18
nC32	0.027	0.067	0.056	0.042
nC33	0.056	ND	ND	ND
nC34	ND	0.066	0.062	0.034
nC35	0.028	0.11	0.13	0.08
nC36	0.01 J	0.026	0.027	0.024
nC37	ND	0.057	0.062	0.013 J
nC38	0.018 J	0.026	0.028	0.0093 J
nC39	0.089	0.041	0.042	0.017 J
nC40	0.062	ND	ND	ND
Total Resolved	13	21	21	16
TPHC	28	42	42	32
OTP	65	90	82	85
5AA	70	88	85	87
D50T	71	89	85	87

**Arthur D. Little, Inc.**

Environmental Monitoring and Analysis

**Minerals Management Service - Shelikof Strait and Outermost Cook Inlet**

1997 Final Data (Surrogate Corrected) - Surface Sediment - SHC

Field ID	98-3-F2-02-00-PHC-S	98-3-F2-03-00-PHC-S	98-3-7-01-00-PHC-S	98-3-11-01-00-PHC-S
Lab ID	98D2251	98D2254	98D2119	98D2124
SDG	SDGS006	SDGS006	SDGS002	SDGS002
File	10179820.D	10179823.D	09199814.D	09199821.D
Sample Type	SAMP	SAMP	SAMP	SAMP
Matrix	Sediment	Sediment	Sediment	Sediment
Sample Size	22.8 g	22.9 g	19.2 g	20 g
Weight Basis	DRY	DRY	DRY	DRY
Associated Blank	BW-S-41PB	BW-S-41PB	BV-S-83PB	BV-S-83PB
Field Date	6/30/1998	6/30/1998	6/28/1998	6/29/1998
Extract Date	10/6/1998	10/6/1998	9/14/1998	9/14/1998
Analysis Date	10/18/1998	10/18/1998	9/20/1998	9/20/1998
Min Reporting Limit	0.022	0.022	0.026	0.025
Units	ug/g	ug/g	ug/g	ug/g
<b>SHC</b>				
nC9	0.014 JB	0.012 JB	0.012 J	0.029
nC10	0.026	0.026	0.018 J	0.019 J
nC11	0.021 J	0.017 J	0.024 J	0.032
nC12	0.022	0.02 J	0.022 J	0.029
nC13	0.025	0.022	0.032	0.035
1380	0.015 J	0.013 J	0.0099 J	0.0094 J
nC14	0.044	0.041	0.04	0.039
1470	0.023	0.02 J	0.022 J	0.021 J
nC15	0.052	0.04	0.062	0.062
nC16	0.035	0.03	0.037	0.033
1650	0.013 J	0.01 J	0.013 J	0.013 J
nC17	0.042	0.033	0.048	0.045
pristane	0.11	0.11	0.14	0.12
nC18	0.03	0.025	0.03	0.029
phytane	0.0076 J	0.009 J	0.014 J	0.015 J
nC19	0.057	0.033	0.059	0.056
nC20	0.031	0.022	0.034	0.032
nC21	0.053	0.036	0.058	0.048
nC22	0.074	0.03	0.041	0.038
nC23	0.083	0.051	0.074	0.062
nC24	0.046	0.026	0.058	0.047
nC25	0.1	0.072	0.091	0.08
nC26	0.05	0.033	0.039	0.035
nC27	0.23	0.17	0.16	0.14
nC28	0.042	0.035	0.056	0.057
nC29	0.16	0.12	0.14	0.12
nC30	0.11	0.063	0.036	0.026
nC31	0.33	0.22	0.16	0.13
nC32	0.078	0.033	0.18	0.075
nC33	0.33	0.22	0.034	0.028
nC34	0.093	0.047	0.033	0.021 J
nC35	0.13	0.08	0.036	ND
nC36	0.036	0.027	0.01 J	0.006 J
nC37	0.1	0.015 J	0.03	ND
nC38	ND	ND	0.022 J	0.056
nC39	ND	ND	ND	0.025
nC40	0.035	ND	ND	ND
Total Resolved	23	16	15	12
TPHC	46	33	31	24
OTP	84	90	65	71
5AA	85	93	70	74
D50T	85	92	71	76

**Arthur D. Little, Inc.**

Environmental Monitoring and Analysis

**Minerals Management Service - Shelikof Strait and Outermost Cook Inlet**

1997 Final Data (Surrogate Corrected) - Surface Sediment - SHC

Field ID	98-3-14-01-00-PHC-S	98-3-16-01-00-PHC-S	98-3-17-01-00-PHC-S	98-3-18-01-00-PHC-S
Lab ID	98D2127	98D2129	98D2130	98D2246
SDG	SDGS002	SDGS002	SDGS002	SDGS006
File	09199824.D	09199826.D	09199827.D	10209852.D
Sample Type	SAMP	SAMP	SAMP	SAMP
Matrix	Sediment	Sediment	Sediment	Sediment
Sample Size	20.4 g	21.1 g	23.2 g	21.3 g
Weight Basis	DRY	DRY	DRY	DRY
Associated Blank	BV-S-83PB	BV-S-83PB	BV-S-83PB	BW-S-41PB
Field Date	6/29/1998	6/29/1998	6/29/1998	6/30/1998
Extract Date	9/14/1998	9/14/1998	9/14/1998	10/6/1998
Analysis Date	9/21/1998	9/21/1998	9/21/1998	10/22/1998
Min Reporting Limit	0.024	0.024	0.022	0.023
Units	ug/g	ug/g	ug/g	ug/g
<b>SHC</b>				
nC9	0.0099 J	0.039	0.012 J	0.015 JB
nC10	0.02 J	0.022 J	0.016 J	0.026
nC11	0.027	0.034	0.02 J	0.021 J
nC12	0.025	0.042	0.02 J	0.021 J
nC13	0.036	0.037	0.025	0.025
1380	0.01 J	0.0098 J	0.0092 J	0.016 J
nC14	0.043	0.042	0.026	0.047
1470	0.024	0.022 J	0.017 J	0.023
nC15	0.069	0.066	0.047	0.048
nC16	0.037	0.034	0.027	0.036
1650	0.013 J	0.012 J	0.0097 J	0.012 J
nC17	0.052	0.047	0.04	0.036
pristane	0.12	0.11	0.081	0.1
nC18	0.026	0.028	0.12	0.029
phytane	0.013 J	0.015 J	0.011 J	0.012 J
nC19	0.052	0.044	0.046	0.042
nC20	0.032	0.033	0.024	0.023
nC21	0.059	0.052	0.039	0.041
nC22	0.038	0.04	0.031	0.038
nC23	0.063	0.066	0.05	0.058
nC24	0.054	0.053	0.041	0.032
nC25	0.093	0.095	0.085	0.079
nC26	0.037	0.035	0.031	0.032
nC27	0.18	0.18	0.19	0.2
nC28	0.054	0.051	0.048	0.036
nC29	0.15	0.14	0.14	0.14
nC30	0.038	0.022 J	0.094	0.094
nC31	0.18	0.15	0.17	0.24
nC32	0.16	0.21	0.26	0.039
nC33	0.037	0.038	0.049	0.2
nC34	0.032	0.023 J	0.043	0.086
nC35	ND	ND	ND	0.1
nC36	0.0076 J	0.0093 J	0.0053 J	0.026
nC37	ND	ND	ND	0.028
nC38	0.07	0.088	0.076	0.018 J
nC39	0.072	0.087	ND	0.028
nC40	0.026	0.046	0.018 J	0.023
Total Resolved	12	17	13	21
TPHC	29	33	28	42
OTP	66	63	66	86
5AA	73	70	73	88
D50T	73	69	73	88

**Arthur D. Little, Inc.**

Environmental Monitoring and Analysis

**Minerals Management Service - Shelikof Strait and Outermost Cook Inlet**

1997 Final Data (Surrogate Corrected) - Surface Sediment - SHC

Field ID	98-4-F1-01-00-PHC-S	98-4-F1-02-00-PHC-S	98-4-F1-03-00-PHC-S	98-4-F2-01-00-PHC-S
Lab ID	98D2252	98D2253	98D2250	98D2126
SDG	SDGS006	SDGS006	SDGS006	SDGS002
File	10179821.D	10179822.D	10179819.D	09199823.D
Sample Type	SAMP	SAMP	SAMP	SAMP
Matrix	Sediment	Sediment	Sediment	Sediment
Sample Size	21.3 g	21.6 g	20.8 g	19.4 g
Weight Basis	DRY	DRY	DRY	DRY
Associated Blank	BW-S-41PB	BW-S-41PB	BW-S-41PB	BV-S-83PB
Field Date	6/30/1998	6/30/1998	6/30/1998	6/28/1998
Extract Date	10/6/1998	10/6/1998	10/6/1998	9/14/1998
Analysis Date	10/18/1998	10/18/1998	10/18/1998	9/21/1998
Min Reporting Limit	0.023	0.023	0.024	0.026
Units	ug/g	ug/g	ug/g	ug/g
<b>SHC</b>				
nC9	0.022 JB	0.016 JB	0.014 JB	0.013 J
nC10	0.031	0.025	0.023 J	0.026
nC11	0.022 J	0.019 J	0.021 J	0.03
nC12	0.024	0.022 J	0.023 J	0.027
nC13	0.025	0.023	0.027	0.037
1380	0.015 J	0.017 J	0.017 J	0.01 J
nC14	0.049	0.047	0.052	0.041
1470	0.024	0.024	0.023 J	0.024 J
nC15	0.049	0.045	0.052	0.064
nC16	0.035	0.035	0.04	0.038
1650	0.014 J	0.015 J	0.015 J	0.013 J
nC17	0.039	0.045	0.048	0.048
pristane	0.14	0.11	0.14	0.15
nC18	0.031	0.036	0.039	0.03
phytane	0.011 J	0.013 J	0.016 J	0.014 J
nC19	0.077	0.091	0.084	0.046
nC20	0.04	0.04	0.049	0.033
nC21	0.044	0.049	0.053	0.059
nC22	0.041	0.052	0.053	0.044
nC23	0.061	0.066	0.072	0.064
nC24	0.034	0.038	0.043	0.051
nC25	0.075	0.075	0.082	0.09
nC26	0.046	0.042	0.052	0.039
nC27	0.15	0.16	0.16	0.15
nC28	0.041	0.038	0.049	0.058
nC29	0.11	0.12	0.15	0.15
nC30	0.075	0.095	0.11	0.029
nC31	0.26	0.19	0.27	0.17
nC32	0.081	0.045	0.062	0.18
nC33	0.29	0.18	0.35	0.03
nC34	0.092	0.078	0.07	0.034
nC35	0.087	0.1	0.13	ND
nC36	ND	0.016 J	0.04	0.0092 J
nC37	0.035	0.045	0.12	ND
nC38	ND	ND	0.028	0.056
nC39	ND	ND	ND	ND
nC40	ND	ND	ND	ND
Total Resolved	24	17	24	12
TPHC	48	35	47	27
OTP	85	88	81	69
5AA	83	87	84	74
D50T	84	88	83	75

**Arthur D. Little, Inc.**

Environmental Monitoring and Analysis

**Minerals Management Service - Shelikof Strait and Outermost Cook Inlet**

1997 Final Data (Surrogate Corrected) - Surface Sediment - SHC

Field ID	98-4-F2-02-00-PHC-S	98-4-F2-03-00-PHC-S	98-4-F4-01-00-PHC-S	98-4-F4-02-00-PHC-S
Lab ID	98D2123	98D2120	98D2255	98D2256
SDG	SDGS002	SDGS002	SDGS006	SDGS006
File	09199820.D	09199815.D	10179824.D	10179825.D
Sample Type	SAMP	SAMP	SAMP	SAMP
Matrix	Sediment	Sediment	Sediment	Sediment
Sample Size	19.2 g	19.4 g	21.3 g	20.6 g
Weight Basis	DRY	DRY	DRY	DRY
Associated Blank	BV-S-83PB	BV-S-83PB	BW-S-41PB	BW-S-41PB
Field Date	6/28/1998	6/28/1998	6/30/1998	6/30/1998
Extract Date	9/14/1998	9/14/1998	10/6/1998	10/6/1998
Analysis Date	9/20/1998	9/20/1998	10/18/1998	10/18/1998
Min Reporting Limit	0.026	0.026	0.023	0.024
Units	ug/g	ug/g	ug/g	ug/g
<b>SHC</b>				
nC9	0.033	0.015 J	0.017 JB	0.014 JB
nC10	0.015 J	0.022 J	0.029	0.034
nC11	0.027	0.032	0.021 J	0.028
nC12	0.038	0.032	0.023	0.028
nC13	0.033	0.036	0.024	0.03
1380	0.0086 J	0.011 J	0.016 J	0.021 J
nC14	0.036	0.04	0.046	0.055
1470	0.02 J	0.025 J	0.023	0.026
nC15	0.057	0.069	0.046	0.054
nC16	0.03	0.041	0.033	0.04
1650	0.011 J	0.013 J	0.014 J	0.015 J
nC17	0.041	0.057	0.038	0.05
pristane	0.12	0.25	0.11	0.13
nC18	0.024 J	0.033	0.03	0.036
phytane	0.014 J	0.017 J	0.011 J	0.014 J
nC19	0.042	0.049	0.12	0.11
nC20	0.032	0.038	0.036	0.034
nC21	0.044	0.059	0.039	0.051
nC22	0.042	0.05	0.035	0.046
nC23	0.058	0.072	0.056	0.073
nC24	0.048	0.054	0.039	0.042
nC25	0.078	0.097	0.072	0.089
nC26	0.036	0.042	0.042	0.05
nC27	0.12	0.17	0.15	0.2
nC28	0.054	0.064	0.038	0.045
nC29	0.12	0.16	0.12	0.15
nC30	0.041	0.049	0.086	0.12
nC31	0.14	0.16	0.22	0.31
nC32	0.12	0.19	0.049	0.05
nC33	0.028	0.044	0.24	0.32
nC34	0.024 J	0.04	0.077	0.086
nC35	ND	ND	0.066	0.087
nC36	0.0094 J	0.013 J	0.021 J	0.035
nC37	ND	ND	0.022 J	0.055
nC38	0.046	0.022 J	ND	ND
nC39	ND	ND	ND	ND
nC40	ND	ND	ND	ND
Total Resolved	14	16	18	23
TPHC	30	35	36	44
OTP	68	69	91	88
5AA	74	72	90	87
D50T	75	70	91	88