V. Ocean Monitoring Data Summary

A. Ocean Sediment Chemistry Data Tables.
B. Fish Tissue Chemistry Data Tables.
C. Sediment Mapping Study
D. Deep Benthics Study

Maps, with sampling sites labeled, are included in this section.

Summary of Sampling Technique[6]:

Sediments
Benthic samples are obtained with a chain-rigged van Veen grab from the City's ocean monitoring program vessels. The grab takes $0.1m^2$ of sediment surface. Only grab samples with an undisturbed sediment surface are used. Only the top 2 cm of sediment material in the van Veen grab is taken for chemical analyses. Subsamples are then placed directly into the appropriate labeled containers and placed on ice for shipment to the laboratory for analysis. Preservatives are used in accordance with the requirements of 40 CFR and our Quality Assurance Plan. Sediment concentrations are based on dry weight of sample.

Fish Tissue
Several species of flatfish and rockfish are collected by otter trawls and/or rig fishing. Dissected muscle and liver tissues from these fish are frozen and delivered to the laboratory for analysis. Tissue samples are kept frozen until prepared for analyses. Addendum 1 (June 2003) to MRP R9-2002-0025/NPDES CA0107409 changed the station definitions for trawl and rig fishing sampling, primarily eliminating or redefining stations. Trawl stations SD-7 through SD-14 were reorganized into zones as shown in Section B. In previous years' reports, samples from stations involved in the South Bay Ocean Outfall Predischarge Monitoring, such as SD-15, SD-17, ….SD-21 and RF-3 & -4 were included in this Pt. Loma Outfall Report. Since this data is now reported in the South Bay Outfall Monitoring reports, they are no longer contained in this report. Additionally, determinations of Poly Aromatic Hydrocarbon (PAHs) was removed by the modifications, although they were done in 2004 for RF-1 and -2 and are included here this year.

[6] For complete description of the sampling protocols, dissection techniques, equipment, vessels, etc. related to the sampling of ocean sediments and fish, please refer to the City of San Diego, Annual Receiving Waters Monitoring Report for the Point Loma Ocean Outfall 2005.

A. Ocean Sediment Chemistries .

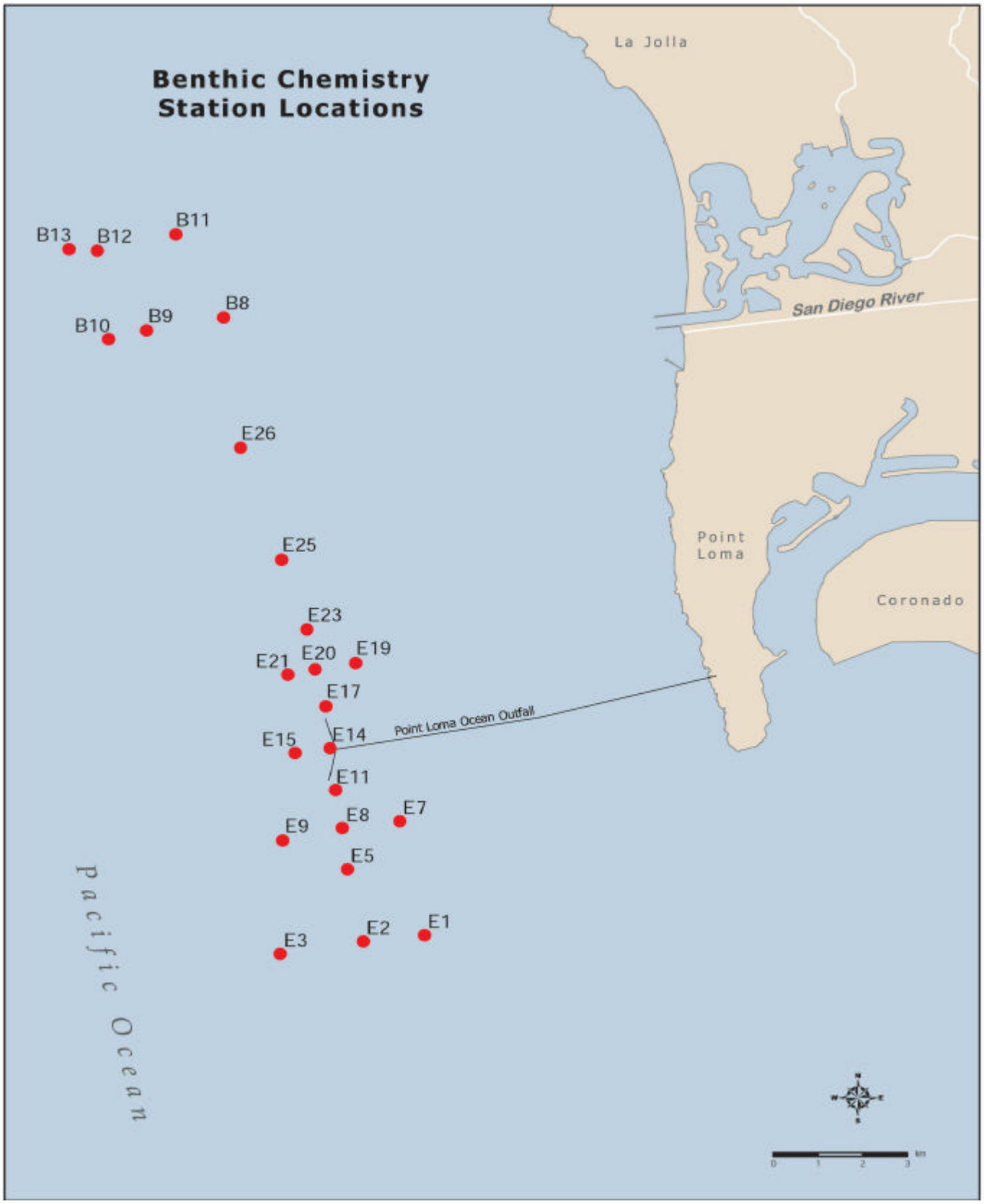
The data for Biochemical Oxygen Demand (BOD) and Total Volatile Solids (TVS), all measures of organic enrichment, as well as total sulfides and temperature, are all presented by quarter and averaged. The quarterly particle size analysis does not lend itself to summarization and each quarter's analysis is presented separately. For the data from all the metals, cyanide, radiation and all of the numerous organic priority pollutant analyses (except dioxin, presented by quarter) only the average of the four quarters is presented here; the values for each quarter has been reported in the Quarterly Monitoring Reports and are on file.

Sampling stations may also be identified by either a 3-digit number and/or a letter-number identification code. All "A" stations are 100 series and "B" stations are 200 series designations. For example, the station A-15 is also called 115 and station B-7 would be 207. The 18 benthic stations sampled this year are identified on the preceding map and cross-referenced below. Stations identified with "DUP" were field replicates.

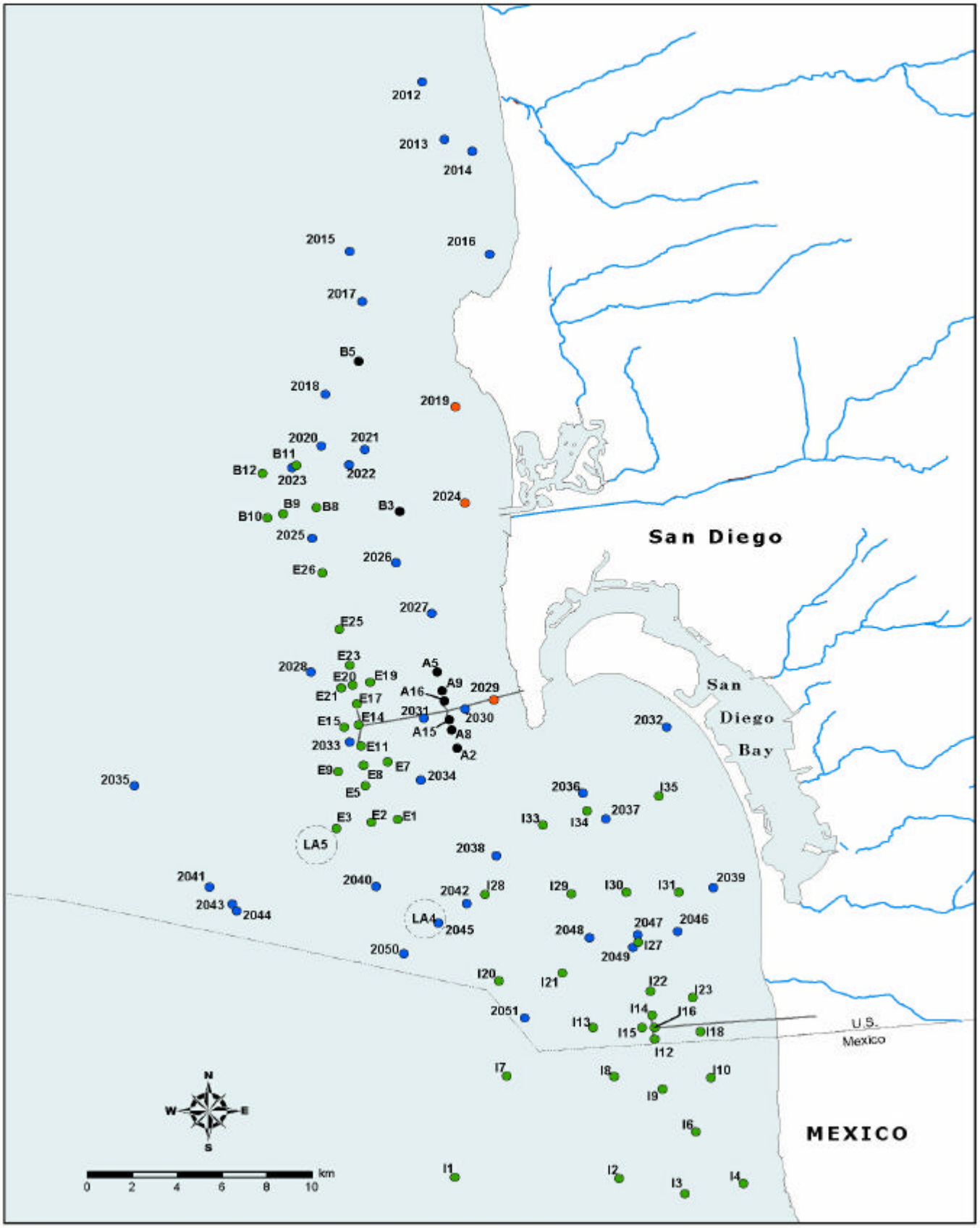
Stations

B-10	E-1	E-20	E-7
B-11	E-11	E-21	E-8
B-12	E-14	E-23	E-9
B-13 (not sampled this year)	E-15	E-25	
B-8	E-17	E-26	
B-9	E-19	E-3	
	E-2	E-5	

San Diego Benthic (chemistries) stations



Map of Recurring and Regional Monitoring Stations (benthic chemistries) for 2005. Regional Monitoring Stations are 2000 series.



POINT LOMA WASTEWATER TREATMENT PLANT
OCEAN SEDIMENT ANNUAL

From 01-JAN-2005 To 31-DEC-2005

Biochemical Oxygen Demand
(mg/Kg)

STATION	First Quarter	Third Quarter	Average of All Quarters
B-8	NS	351	351
B-9	260*	335	335
B-10	NS	361	361
B-11	NS	533	533
B-12	413*	424	424
E-1	NS	235	235
E-2	254*	329	329
E-3	NS	253	253
E-5	365*	425	425
E-7	NS	306	306
E-8	217*	247	247
E-9	NS	282	282
E-11	236*	342	342
E-14	402*	515	515
E-15	NS	330	330
E-17	346*	346	346
E-19	NS	365	365
E-20	254*	203	203
E-21	NS	257	257
E-23	297*	296	296
E-25	285*	226	226
E-26	263*	304	304

*=Batch did not meet QC requirements. The acceptance range for the external check in this batch was from 167.5-228.5 mg/L with a true value of 198 mg/L. The result value of the external check was 138 mg/L. Values are not included in average.

ND= not detected
NA= not analyzed
NS= not sampled

POINT LOMA WASTEWATER TREATMENT PLANT

OCEAN SEDIMENT ANNUAL

From 01-JAN-2005 To 31-DEC-2005

Sulfides, Total
(mg/Kg)

STATION	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Average of All Quarters
A-2	NS	NS	3.6	NS	3.6
A-5	NS	NS	6.3	NS	6.3
A-8	NS	NS	2.1	NS	2.1
A-9	NS	NS	7.3	NS	7.3
A-15	NS	NS	2.1	NS	2.1
A-16	NS	NS	2.0	NS	2.0
B-3	NS	NS	3.3	NS	3.3
B-5	NS	NS	3.1	NS	3.1
B-8	NS	NS	3.3	NS	3.3
B-9	0.4	NS	0.6	NS	0.5
B-10	NS	NS	0.5	NS	0.5
B-11	NS	NS	0.8	NS	0.8
B-12	1.5	NS	0.9	NS	1.2
E-1	NS	NS	1.4	NS	1.4
E-2	4.4	NS	2.1	NS	3.3
E-3	NS	NS	0.8	NS	0.8
E-5	ND	NS	1.3	NS	0.7
E-7	NS	NS	0.8	NS	0.8
E-8	1.2	NS	1.1	NS	1.2
E-9	NS	NS	1.1	NS	1.1
E-11	0.2	NS	3.1	NS	1.7
E-14	4.4	NS	2.3	NS	3.4
E-15	NS	NS	2.0	NS	2.0
E-17	3.8	NS	1.9	NS	2.9
E-19	NS	NS	3.8	NS	3.8
E-20	0.7	NS	1.4	NS	1.1
E-21	NS	NS	8.7	NS	8.7
E-23	ND	NS	1.3	NS	0.7
E-25	0.2	NS	1.0	NS	0.6
E-26	0.7	NS	1.8	NS	1.3

ND= not detected
NA= not analyzed
NS= not sampled

POINT LOMA WASTEWATER TREATMENT PLANT

OCEAN SEDIMENT ANNUAL

From 01-JAN-2005 To 31-DEC-2005

Total Volatile Solids
(% Weight)

STATION	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Average of All Quarters
A-2	NS	NS	2.9	NS	2.9
A-5	NS	NS	3.1	NS	3.1
A-8	NS	NS	2.8	NS	2.8
A-9	NS	NS	2.8	NS	2.8
A-15	NS	NS	3.1	NS	3.1
A-16	NS	NS	3.1	NS	3.1
B-3	NS	NS	2.3	NS	2.3
B-5	NS	NS	3.2	NS	3.2
B-8	NS	NS	3.1	NS	3.1
B-9	4.3	NS	3.3	NS	3.8
B-10	NS	NS	3.2	NS	3.2
B-11	NS	NS	4.5	NS	4.5
B-12	3.7	NS	3.5	NS	3.6
E-1	NS	NS	2.4	NS	2.4
E-2	2.5	NS	2.9	NS	2.7
E-3	NS	NS	2.2	NS	2.2
E-5	2.4	NS	2.8	NS	2.6
E-7	NS	NS	2.6	NS	2.6
E-8	2.2	NS	2.5	NS	2.4
E-9	NS	NS	3.0	NS	3.0
E-11	2.1	NS	2.5	NS	2.3
E-14	2.1	NS	2.2	NS	2.2
E-15	NS	NS	2.5	NS	2.5
E-17	2.3	NS	2.1	NS	2.2
E-19	NS	NS	2.9	NS	2.9
E-20	2.3	NS	2.0	NS	2.2
E-21	NS	NS	2.2	NS	2.2
E-23	2.2	NS	2.4	NS	2.3
E-25	2.5	NS	2.6	NS	2.6
E-26	2.7	NS	3.0	NS	2.9

ND= not detected
NA= not analyzed
NS= not sampled

POINT LOMA WASTEWATER TREATMENT PLANT

OCEAN SEDIMENT ANNUAL

Grain Size
(all values are in percent distribution)

From 01-JAN-2005 to 31-DEC-2005

Analyte	A-2 P308628 29-JUL-2005	A-5 P308635 29-JUL-2005	A-8 P308637 29-JUL-2005	A-9 P308645 29-JUL-2005	A-15 P308619 29-JUL-2005
<0.500 microns, Phi 11	0.000	0.000	0.000	0.000	0.000
>0.5 to 1 microns, Phi 10	0.114	0.502	0.351	0.114	0.106
>1 to 1.5 microns, Phi 9.5	0.541	0.676	0.599	0.539	0.520
>1.5 to 2 microns, Phi 9	0.672	0.797	0.712	0.671	0.663
>2.0 to 2.4 microns	0.600	0.692	0.623	0.602	0.601
>2.4 to 2.9 microns, Phi 8.5	0.769	0.874	0.792	0.777	0.779
>2.9 to 3.4 microns	0.778	0.875	0.797	0.791	0.796
>3.4 to 3.9 microns, Phi 8	0.822	0.914	0.838	0.840	0.849
>3.9 to 4 microns	0.168	0.187	0.172	0.173	0.175
>4.0 to 4.3 microns	0.482	0.537	0.493	0.497	0.503
>4.3 to 4.5 microns	0.310	0.345	0.317	0.320	0.323
>4.5 to 5 microns	0.813	0.902	0.831	0.844	0.856
>5 to 5.5 microns	0.798	0.888	0.817	0.834	0.847
>5.5 to 5.7 microns	0.307	0.342	0.315	0.322	0.327
>5.7 to 5.9 microns, Phi 7.5	0.302	0.336	0.309	0.316	0.321
>5.9 to 7.8 microns, Phi 7	2.780	3.110	2.860	2.950	3.010
>7.8 to 8 microns	0.280	0.315	0.288	0.300	0.306
>8 to 8.5 microns	0.672	0.755	0.689	0.717	0.734
>8.5 to 8.9 microns	0.516	0.580	0.529	0.551	0.564
>8.9 to 9.1 microns	0.261	0.295	0.267	0.280	0.287
>9.1 to 9.5 microns	0.505	0.570	0.517	0.541	0.556
>9.5 to 9.8 microns	0.365	0.412	0.373	0.391	0.402
>9.8 to 10.1 microns	0.354	0.400	0.362	0.380	0.390
>10.1 to 10.6 microns	0.604	0.686	0.618	0.651	0.672
>10.6 to 11.1 microns	0.576	0.654	0.590	0.621	0.641
>11.1 to 11.3 microns	0.224	0.254	0.228	0.241	0.248
>11.3 to 11.7 microns, Phi 6.5	0.436	0.496	0.446	0.470	0.486
>11.7 to 14 microns	2.280	2.620	2.330	2.470	2.560
>14 to 14.8 microns	0.722	0.831	0.734	0.781	0.814
>14.8 to 15.6 microns	0.695	0.802	0.704	0.751	0.784
>15.6 to 16 microns	0.339	0.392	0.342	0.366	0.383
>16 to 20 microns	3.020	3.520	3.040	3.260	3.430
>20 to 23 microns, Phi 5.5	1.950	2.300	1.950	2.090	2.220
>23 to 27 microns	2.340	2.780	2.320	2.500	2.660
>27 to 31 microns, Phi 5	2.170	2.620	2.140	2.300	2.450
>31 to 32 microns	0.535	0.652	0.527	0.566	0.601
>32 to 35.6 microns	1.890	2.320	1.870	2.000	2.110
>35.6 to 37 microns, Phi 4.75	0.745	0.923	0.737	0.788	0.827
>37 to 39.6 microns	1.350	1.670	1.340	1.430	1.490
>39.6 to 43.6 microns	2.260	2.820	2.250	2.390	2.470
>43.6 to 44 microns, Phi 4.5	0.215	0.267	0.213	0.227	0.234
>44 to 45 microns	0.537	0.667	0.533	0.566	0.584
>45 to 46.4 microns	0.903	1.110	0.902	0.944	0.965
>46.4 to 53 microns, Phi 4.25	4.140	5.030	4.140	4.310	4.410
>53 to 62.5 microns, Phi 4	6.640	7.600	6.640	6.740	6.880
>62.5 to 64 microns	1.090	1.190	1.090	1.080	1.110
>64 to 71.7 microns	5.650	5.910	5.640	5.540	5.700
>71.7 to 74 microns	1.680	1.690	1.680	1.630	1.680
>74 to 79.6 microns	3.990	3.870	3.980	3.820	3.940
>79.6 to 87.6 microns	5.470	5.000	5.450	5.130	5.310

POINT LOMA WASTEWATER TREATMENT PLANT

OCEAN SEDIMENT ANNUAL

Grain Size
(all values are in percent distribution)

From 01-JAN-2005 to 31-DEC-2005

Analyte	A-2 P308628 29-JUL-2005	A-5 P308635 29-JUL-2005	A-8 P308637 29-JUL-2005	A-9 P308645 29-JUL-2005	A-15 P308619 29-JUL-2005
>87.6 to 88 microns, Phi 3.5	0.260	0.238	0.259	0.244	0.253
>88 to 90 microns	1.270	1.090	1.260	1.170	1.210
>90 to 105 microns, Phi 3.25	8.510	6.960	8.460	7.770	8.040
>105 to 125 microns, Phi 3	8.310	6.210	8.240	7.500	7.690
>125 to 149 microns, Phi 2.75	6.370	4.480	6.300	5.800	5.770
>149 to 160 microns	1.860	1.280	1.840	1.740	1.650
>160 to 177 microns, Phi 2.5	2.230	1.520	2.190	2.110	1.940
>177 to 197 microns	1.650	1.140	1.600	1.620	1.380
>197 to 210 microns, Phi 2.25	0.716	0.505	0.688	0.733	0.573
>210 to 217 microns	0.325	0.231	0.310	0.339	0.255
>217 to 245 microns	0.957	0.699	0.907	1.030	0.721
>245 to 250 microns, Phi 2	0.127	0.095	0.119	0.142	0.090
>250 to 300 microns, Phi 1.75	0.834	0.661	0.772	0.991	0.555
>300 to 320 microns	0.170	0.151	0.152	0.227	0.094
>320 to 350 microns, Phi 1.5	0.218	0.198	0.195	0.298	0.118
>350 to 360 microns	0.050	0.050	0.044	0.074	0.023
>360 to 400 microns	0.181	0.182	0.159	0.271	0.076
>400 to 420 microns, Phi 1.25	0.065	0.072	0.056	0.106	0.000
>420 to 440 microns	0.063	0.069	0.053	0.101	0.000
>440 to 500 microns, Phi 1	0.146	0.175	0.123	0.252	0.000
>500 to 590 microns, Phi 0.75	0.037	0.045	0.031	0.065	0.000
>590 to 630 microns	0.000	0.000	0.000	0.000	0.000
>630 to 696 microns	0.000	0.000	0.000	0.000	0.000
>696 to 710 microns, Phi 0.5	0.000	0.000	0.000	0.000	0.000
>710 to 773 microns	0.000	0.000	0.000	0.000	0.000
>773 to 840 microns, Phi 0.25	0.000	0.000	0.000	0.000	0.000
>840 to 850 microns	0.000	0.000	0.000	0.000	0.000
>850 to 930 microns	0.000	0.000	0.000	0.000	0.000
>930 to 1000 microns, Phi 0	0.000	0.000	0.000	0.000	0.000
1000 to 1100 microns	0.000	0.000	0.000	0.000	0.000
>1100 to 1190 microns, Phi -0.25	0.000	0.000	0.000	0.000	0.000
>1190 to 1300 microns	0.000	0.000	0.000	0.000	0.000
>1300 to 1410 microns, Phi -0.5	0.000	0.000	0.000	0.000	0.000
>1410 to 1680 microns, Phi -0.75	0.000	0.000	0.000	0.000	0.000
>1680 to 2000 microns, Phi -1	0.000	0.000	0.000	0.000	0.000
>2000 microns*	ND	ND	ND	ND	ND
Totals:	100.009	100.029	100.043	99.995	100.012

*=A value in this field reflects a percentage of 30 grams remaining on a 2000 micron sieve. This value must be subtracted from the total percentage.

POINT LOMA WASTEWATER TREATMENT PLANT

OCEAN SEDIMENT ANNUAL

Grain Size
(all values are in percent distribution)

From 01-JAN-2005 to 31-DEC-2005

Analyte	A-16 P308622 29-JUL-2005	B-3 P309264 01-AUG-2005	B-5 P309268 01-AUG-2005	B-8 P309551 02-AUG-2005	B-9 P287735 01-FEB-2005
<0.500 microns, Phi 11	0.000	0.000	0.000	0.000	0.000
>0.5 to 1 microns, Phi 10	0.108	0.052	0.000	0.101	0.000
>1 to 1.5 microns, Phi 9.5	0.530	0.482	0.482	0.507	0.406
>1.5 to 2 microns, Phi 9	0.677	0.622	0.651	0.663	0.564
>2.0 to 2.4 microns	0.614	0.571	0.615	0.610	0.540
>2.4 to 2.9 microns, Phi 8.5	0.792	0.747	0.817	0.794	0.719
>2.9 to 3.4 microns	0.805	0.768	0.850	0.809	0.748
>3.4 to 3.9 microns, Phi 8	0.855	0.826	0.927	0.863	0.814
>3.9 to 4 microns	0.176	0.171	0.191	0.177	0.167
>4.0 to 4.3 microns	0.505	0.491	0.548	0.508	0.480
>4.3 to 4.5 microns	0.324	0.316	0.353	0.327	0.309
>4.5 to 5 microns	0.855	0.837	0.938	0.860	0.819
>5 to 5.5 microns	0.844	0.828	0.922	0.850	0.804
>5.5 to 5.7 microns	0.325	0.320	0.355	0.328	0.310
>5.7 to 5.9 microns, Phi 7.5	0.320	0.315	0.349	0.322	0.304
>5.9 to 7.8 microns, Phi 7	2.980	2.940	3.220	3.000	2.800
>7.8 to 8 microns	0.302	0.299	0.319	0.309	0.280
>8 to 8.5 microns	0.724	0.715	0.764	0.740	0.669
>8.5 to 8.9 microns	0.557	0.550	0.585	0.570	0.513
>8.9 to 9.1 microns	0.283	0.279	0.292	0.293	0.258
>9.1 to 9.5 microns	0.547	0.540	0.565	0.567	0.499
>9.5 to 9.8 microns	0.395	0.391	0.409	0.409	0.361
>9.8 to 10.1 microns	0.384	0.379	0.396	0.397	0.350
>10.1 to 10.6 microns	0.659	0.650	0.666	0.691	0.592
>10.6 to 11.1 microns	0.628	0.620	0.636	0.659	0.565
>11.1 to 11.3 microns	0.243	0.240	0.246	0.255	0.219
>11.3 to 11.7 microns, Phi 6.5	0.476	0.470	0.477	0.504	0.427
>11.7 to 14 microns	2.510	2.470	2.440	2.720	2.220
>14 to 14.8 microns	0.795	0.783	0.761	0.881	0.699
>14.8 to 15.6 microns	0.766	0.754	0.723	0.868	0.671
>15.6 to 16 microns	0.374	0.368	0.349	0.431	0.327
>16 to 20 microns	3.350	3.290	3.060	3.970	2.920
>20 to 23 microns, Phi 5.5	2.170	2.130	1.910	2.760	1.890
>23 to 27 microns	2.610	2.570	2.240	3.550	2.300
>27 to 31 microns, Phi 5	2.440	2.420	2.060	3.530	2.180
>31 to 32 microns	0.603	0.602	0.509	0.907	0.548
>32 to 35.6 microns	2.140	2.140	1.810	3.250	1.950
>35.6 to 37 microns, Phi 4.75	0.852	0.856	0.724	1.310	0.780
>37 to 39.6 microns	1.550	1.550	1.320	2.360	1.410
>39.6 to 43.6 microns	2.590	2.600	2.260	3.860	2.370
>43.6 to 44 microns, Phi 4.5	0.246	0.247	0.215	0.366	0.225
>44 to 45 microns	0.614	0.616	0.537	0.910	0.563
>45 to 46.4 microns	1.020	1.010	0.919	1.410	0.936
>46.4 to 53 microns, Phi 4.25	4.630	4.580	4.210	6.260	4.270
>53 to 62.5 microns, Phi 4	7.060	6.870	6.620	8.380	6.670
>62.5 to 64 microns	1.120	1.080	1.060	1.230	1.080
>64 to 71.7 microns	5.650	5.470	5.400	5.730	5.550
>71.7 to 74 microns	1.640	1.590	1.580	1.560	1.640
>74 to 79.6 microns	3.820	3.750	3.730	3.450	3.880
>79.6 to 87.6 microns	5.070	5.060	5.040	4.220	5.290

POINT LOMA WASTEWATER TREATMENT PLANT

OCEAN SEDIMENT ANNUAL

Grain Size
(all values are in percent distribution)

From 01-JAN-2005 to 31-DEC-2005

Analyte	A-16 P308622 29-JUL-2005	B-3 P309264 01-AUG-2005	B-5 P309268 01-AUG-2005	B-8 P309551 02-AUG-2005	B-9 P287735 01-FEB-2005
>87.6 to 88 microns, Phi 3.5	0.241	0.241	0.240	0.201	0.252
>88 to 90 microns	1.140	1.180	1.170	0.878	1.230
>90 to 105 microns, Phi 3.25	7.470	7.900	7.860	5.440	8.280
>105 to 125 microns, Phi 3	7.080	7.830	7.860	4.630	8.260
>125 to 149 microns, Phi 2.75	5.410	6.060	6.300	3.240	6.520
>149 to 160 microns	1.620	1.760	1.930	0.917	1.960
>160 to 177 microns, Phi 2.5	1.960	2.080	2.360	1.090	2.380
>177 to 197 microns	1.510	1.490	1.810	0.825	1.800
>197 to 210 microns, Phi 2.25	0.679	0.627	0.806	0.376	0.797
>210 to 217 microns	0.313	0.280	0.370	0.175	0.364
>217 to 245 microns	0.949	0.810	1.100	0.544	1.080
>245 to 250 microns, Phi 2	0.130	0.105	0.148	0.077	0.145
>250 to 300 microns, Phi 1.75	0.892	0.675	0.980	0.564	0.970
>300 to 320 microns	0.195	0.133	0.197	0.146	0.201
>320 to 350 microns, Phi 1.5	0.254	0.171	0.253	0.195	0.259
>350 to 360 microns	0.060	0.039	0.056	0.053	0.060
>360 to 400 microns	0.218	0.143	0.202	0.196	0.215
>400 to 420 microns, Phi 1.25	0.079	0.052	0.069	0.082	0.077
>420 to 440 microns	0.076	0.049	0.066	0.078	0.073
>440 to 500 microns, Phi 1	0.174	0.116	0.146	0.203	0.167
>500 to 590 microns, Phi 0.75	0.044	0.030	0.036	0.053	0.042
>590 to 630 microns	0.000	0.000	0.000	0.000	0.000
>630 to 696 microns	0.000	0.000	0.000	0.000	0.000
>696 to 710 microns, Phi 0.5	0.000	0.000	0.000	0.000	0.000
>710 to 773 microns	0.000	0.000	0.000	0.000	0.000
>773 to 840 microns, Phi 0.25	0.000	0.000	0.000	0.000	0.000
>840 to 850 microns	0.000	0.000	0.000	0.000	0.000
>850 to 930 microns	0.000	0.000	0.000	0.000	0.000
>930 to 1000 microns, Phi 0	0.000	0.000	0.000	0.000	0.000
1000 to 1100 microns	0.000	0.000	0.000	0.000	0.000
>1100 to 1190 microns, Phi -0.25	0.000	0.000	0.000	0.000	0.000
>1190 to 1300 microns	0.000	0.000	0.000	0.000	0.000
>1300 to 1410 microns, Phi -0.5	0.000	0.000	0.000	0.000	0.000
>1410 to 1680 microns, Phi -0.75	0.000	0.000	0.000	0.000	0.000
>1680 to 2000 microns, Phi -1	0.000	0.000	0.000	0.000	0.000
>2000 microns*	ND	ND	ND	ND	ND
Totals:	100.022	99.996	100.009	99.989	100.018

*=A value in this field reflects a percentage of 30 grams remaining on a 2000 micron sieve. This value must be subtracted from the total percentage.

POINT LOMA WASTEWATER TREATMENT PLANT

OCEAN SEDIMENT ANNUAL

Grain Size
(all values are in percent distribution)

From 01-JAN-2005 to 31-DEC-2005

Analyte	B-9 P309556 02-AUG-2005	B-10 P309532 02-AUG-2005	B-11 P309541 02-AUG-2005	B-12 P287723 01-FEB-2005	B-12 P309544 02-AUG-2005
<0.500 microns, Phi 11	0.000	0.000	0.000	0.000	0.000
>0.5 to 1 microns, Phi 10	0.000	0.000	0.000	0.000	0.000
>1 to 1.5 microns, Phi 9.5	0.417	0.256	0.471	0.238	0.264
>1.5 to 2 microns, Phi 9	0.559	0.468	0.665	0.448	0.494
>2.0 to 2.4 microns	0.526	0.449	0.642	0.437	0.479
>2.4 to 2.9 microns, Phi 8.5	0.698	0.607	0.861	0.596	0.651
>2.9 to 3.4 microns	0.725	0.641	0.904	0.634	0.692
>3.4 to 3.9 microns, Phi 8	0.788	0.709	0.993	0.703	0.769
>3.9 to 4 microns	0.162	0.147	0.207	0.147	0.161
>4.0 to 4.3 microns	0.466	0.421	0.594	0.422	0.462
>4.3 to 4.5 microns	0.300	0.271	0.383	0.272	0.298
>4.5 to 5 microns	0.796	0.725	1.020	0.730	0.803
>5 to 5.5 microns	0.782	0.710	1.020	0.723	0.796
>5.5 to 5.7 microns	0.301	0.273	0.392	0.279	0.307
>5.7 to 5.9 microns, Phi 7.5	0.296	0.268	0.386	0.274	0.303
>5.9 to 7.8 microns, Phi 7	2.730	2.460	3.610	2.560	2.840
>7.8 to 8 microns	0.271	0.239	0.363	0.254	0.284
>8 to 8.5 microns	0.649	0.573	0.869	0.608	0.680
>8.5 to 8.9 microns	0.497	0.437	0.666	0.465	0.520
>8.9 to 9.1 microns	0.249	0.215	0.335	0.232	0.260
>9.1 to 9.5 microns	0.482	0.417	0.648	0.449	0.503
>9.5 to 9.8 microns	0.348	0.301	0.468	0.325	0.364
>9.8 to 10.1 microns	0.338	0.292	0.454	0.315	0.353
>10.1 to 10.6 microns	0.569	0.482	0.768	0.527	0.594
>10.6 to 11.1 microns	0.543	0.460	0.733	0.502	0.566
>11.1 to 11.3 microns	0.210	0.178	0.284	0.195	0.219
>11.3 to 11.7 microns, Phi 6.5	0.409	0.343	0.550	0.376	0.424
>11.7 to 14 microns	2.110	1.710	2.820	1.910	2.150
>14 to 14.8 microns	0.660	0.524	0.879	0.588	0.665
>14.8 to 15.6 microns	0.631	0.490	0.833	0.553	0.624
>15.6 to 16 microns	0.306	0.233	0.401	0.264	0.298
>16 to 20 microns	2.710	2.010	3.500	2.280	2.570
>20 to 23 microns, Phi 5.5	1.720	1.190	2.140	1.360	1.530
>23 to 27 microns	2.050	1.340	2.450	1.530	1.710
>27 to 31 microns, Phi 5	1.940	1.200	2.190	1.340	1.480
>31 to 32 microns	0.487	0.293	0.527	0.320	0.351
>32 to 35.6 microns	1.750	1.050	1.840	1.110	1.220
>35.6 to 37 microns, Phi 4.75	0.707	0.419	0.711	0.429	0.471
>37 to 39.6 microns	1.290	0.767	1.280	0.772	0.851
>39.6 to 43.6 microns	2.210	1.340	2.060	1.240	1.390
>43.6 to 44 microns, Phi 4.5	0.209	0.127	0.196	0.118	0.132
>44 to 45 microns	0.523	0.319	0.486	0.292	0.328
>45 to 46.4 microns	0.881	0.565	0.765	0.461	0.533
>46.4 to 53 microns, Phi 4.25	4.010	2.630	3.420	2.070	2.410
>53 to 62.5 microns, Phi 4	6.180	4.480	4.840	3.050	3.620
>62.5 to 64 microns	0.986	0.759	0.737	0.480	0.571
>64 to 71.7 microns	5.050	4.150	3.620	2.470	2.910
>71.7 to 74 microns	1.480	1.280	1.030	0.731	0.853
>74 to 79.6 microns	3.530	3.220	2.400	1.780	2.050
>79.6 to 87.6 microns	4.840	4.750	3.180	2.510	2.840

POINT LOMA WASTEWATER TREATMENT PLANT

OCEAN SEDIMENT ANNUAL

Grain Size
(all values are in percent distribution)

From 01-JAN-2005 to 31-DEC-2005

Analyte	B-9 P309556 02-AUG-2005	B-10 P309532 02-AUG-2005	B-11 P309541 02-AUG-2005	B-12 P287723 01-FEB-2005	B-12 P309544 02-AUG-2005
>87.6 to 88 microns, Phi 3.5	0.230	0.226	0.151	0.119	0.135
>88 to 90 microns	1.150	1.230	0.738	0.637	0.702
>90 to 105 microns, Phi 3.25	7.820	8.900	5.000	4.600	4.970
>105 to 125 microns, Phi 3	8.170	10.400	5.310	5.780	5.880
>125 to 149 microns, Phi 2.75	6.930	9.620	4.780	6.240	6.000
>149 to 160 microns	2.270	3.290	1.680	2.580	2.410
>160 to 177 microns, Phi 2.5	2.880	4.230	2.210	3.650	3.380
>177 to 197 microns	2.410	3.580	1.980	3.790	3.510
>197 to 210 microns, Phi 2.25	1.160	1.720	1.010	2.160	2.050
>210 to 217 microns	0.549	0.814	0.491	1.090	1.040
>217 to 245 microns	1.730	2.550	1.620	3.840	3.790
>245 to 250 microns, Phi 2	0.247	0.362	0.243	0.612	0.621
>250 to 300 microns, Phi 1.75	1.770	2.570	1.890	5.050	5.390
>300 to 320 microns	0.412	0.587	0.530	1.500	1.730
>320 to 350 microns, Phi 1.5	0.537	0.764	0.718	2.030	2.350
>350 to 360 microns	0.129	0.183	0.206	0.569	0.671
>360 to 400 microns	0.466	0.659	0.768	2.100	2.460
>400 to 420 microns, Phi 1.25	0.167	0.237	0.350	0.888	1.010
>420 to 440 microns	0.160	0.226	0.334	0.847	0.960
>440 to 500 microns, Phi 1	0.363	0.510	0.975	2.220	2.290
>500 to 590 microns, Phi 0.75	0.091	0.128	1.440	2.770	1.850
>590 to 630 microns	0.000	0.000	0.695	1.070	0.366
>630 to 696 microns	0.000	0.000	1.120	1.600	0.470
>696 to 710 microns, Phi 0.5	0.000	0.000	0.251	0.310	0.059
>710 to 773 microns	0.000	0.000	1.070	1.330	0.251
>773 to 840 microns, Phi 0.25	0.000	0.000	1.140	0.757	0.016
>840 to 850 microns	0.000	0.000	0.162	0.102	0.000
>850 to 930 microns	0.000	0.000	0.967	0.610	0.000
>930 to 1000 microns, Phi 0	0.000	0.000	0.553	0.349	0.000
1000 to 1100 microns	0.000	0.000	0.469	0.296	0.000
>1100 to 1190 microns, Phi -0.25	0.000	0.000	0.298	0.160	0.000
>1190 to 1300 microns	0.000	0.000	0.208	0.000	0.000
>1300 to 1410 microns, Phi -0.5	0.000	0.000	0.067	0.000	0.000
>1410 to 1680 microns, Phi -0.75	0.000	0.000	0.000	0.000	0.000
>1680 to 2000 microns, Phi -1	0.000	0.000	0.000	0.000	0.000
>2000 microns*	ND	ND	3.14	ND	3.00
Totals:	100.012	99.974	103.155	100.025	103.004

*=A value in this field reflects a percentage of 30 grams remaining on a 2000 micron sieve. This value must be subtracted from the total percentage.

POINT LOMA WASTEWATER TREATMENT PLANT

OCEAN SEDIMENT ANNUAL

Grain Size
(all values are in percent distribution)

From 01-JAN-2005 to 31-DEC-2005

Analyte	E-1 P307659 22-JUL-2005	E-2 P288153 02-FEB-2005	E-2 P307464 21-JUL-2005	E-3 P307660 22-JUL-2005	E-5 P288164 02-FEB-2005
<0.500 microns, Phi 11	0.000	0.000	0.000	0.000	0.000
>0.5 to 1 microns, Phi 10	0.000	0.000	0.000	0.000	0.000
>1 to 1.5 microns, Phi 9.5	0.346	0.286	0.434	0.287	0.414
>1.5 to 2 microns, Phi 9	0.548	0.551	0.612	0.545	0.530
>2.0 to 2.4 microns	0.523	0.535	0.585	0.527	0.480
>2.4 to 2.9 microns, Phi 8.5	0.693	0.712	0.775	0.703	0.618
>2.9 to 3.4 microns	0.718	0.739	0.801	0.731	0.624
>3.4 to 3.9 microns, Phi 8	0.778	0.803	0.867	0.795	0.658
>3.9 to 4 microns	0.161	0.166	0.178	0.163	0.134
>4.0 to 4.3 microns	0.460	0.475	0.511	0.468	0.383
>4.3 to 4.5 microns	0.296	0.306	0.329	0.301	0.246
>4.5 to 5 microns	0.784	0.812	0.870	0.795	0.641
>5 to 5.5 microns	0.775	0.803	0.858	0.781	0.626
>5.5 to 5.7 microns	0.299	0.310	0.330	0.300	0.240
>5.7 to 5.9 microns, Phi 7.5	0.294	0.304	0.324	0.295	0.235
>5.9 to 7.8 microns, Phi 7	2.740	2.840	3.010	2.700	2.150
>7.8 to 8 microns	0.279	0.288	0.304	0.268	0.215
>8 to 8.5 microns	0.667	0.689	0.729	0.642	0.514
>8.5 to 8.9 microns	0.513	0.529	0.560	0.491	0.395
>8.9 to 9.1 microns	0.261	0.268	0.284	0.246	0.199
>9.1 to 9.5 microns	0.505	0.519	0.549	0.475	0.385
>9.5 to 9.8 microns	0.365	0.375	0.397	0.343	0.279
>9.8 to 10.1 microns	0.355	0.364	0.385	0.333	0.270
>10.1 to 10.6 microns	0.609	0.622	0.659	0.559	0.459
>10.6 to 11.1 microns	0.581	0.593	0.629	0.533	0.438
>11.1 to 11.3 microns	0.225	0.230	0.244	0.207	0.170
>11.3 to 11.7 microns, Phi 6.5	0.441	0.449	0.476	0.401	0.332
>11.7 to 14 microns	2.330	2.340	2.500	2.060	1.750
>14 to 14.8 microns	0.742	0.740	0.792	0.640	0.557
>14.8 to 15.6 microns	0.717	0.709	0.762	0.606	0.540
>15.6 to 16 microns	0.351	0.344	0.371	0.291	0.265
>16 to 20 microns	3.150	3.050	3.320	2.550	2.400
>20 to 23 microns, Phi 5.5	2.060	1.940	2.150	1.570	1.600
>23 to 27 microns	2.500	2.280	2.570	1.800	2.000
>27 to 31 microns, Phi 5	2.310	2.050	2.340	1.570	1.940
>31 to 32 microns	0.561	0.490	0.562	0.366	0.491
>32 to 35.6 microns	1.950	1.700	1.930	1.240	1.760
>35.6 to 37 microns, Phi 4.75	0.747	0.645	0.728	0.457	0.709
>37 to 39.6 microns	1.340	1.160	1.300	0.812	1.290
>39.6 to 43.6 microns	2.130	1.820	2.010	1.220	2.220
>43.6 to 44 microns, Phi 4.5	0.203	0.173	0.191	0.115	0.210
>44 to 45 microns	0.503	0.429	0.474	0.286	0.527
>45 to 46.4 microns	0.792	0.670	0.732	0.426	0.904
>46.4 to 53 microns, Phi 4.25	3.560	3.000	3.290	1.900	4.160
>53 to 62.5 microns, Phi 4	5.190	4.310	4.760	2.690	6.670
>62.5 to 64 microns	0.805	0.664	0.741	0.416	1.090
>64 to 71.7 microns	4.030	3.320	3.710	2.110	5.620
>71.7 to 74 microns	1.160	0.955	1.070	0.617	1.670
>74 to 79.6 microns	2.740	2.250	2.530	1.490	3.980
>79.6 to 87.6 microns	3.720	3.060	3.420	2.090	5.480

POINT LOMA WASTEWATER TREATMENT PLANT

OCEAN SEDIMENT ANNUAL

Grain Size
(all values are in percent distribution)

From 01-JAN-2005 to 31-DEC-2005

Analyte	E-1 P307659 22-JUL-2005	E-2 P288153 02-FEB-2005	E-2 P307464 21-JUL-2005	E-3 P307660 22-JUL-2005	E-5 P288164 02-FEB-2005
>87.6 to 88 microns, Phi 3.5	0.177	0.145	0.163	0.099	0.261
>88 to 90 microns	0.896	0.737	0.824	0.537	1.300
>90 to 105 microns, Phi 3.25	6.220	5.140	5.740	3.950	8.890
>105 to 125 microns, Phi 3	7.020	5.910	6.620	5.350	9.110
>125 to 149 microns, Phi 2.75	6.590	5.840	6.530	6.370	7.360
>149 to 160 microns	2.360	2.250	2.470	2.830	2.250
>160 to 177 microns, Phi 2.5	3.120	3.080	3.360	4.120	2.750
>177 to 197 microns	2.800	3.020	3.180	4.390	2.130
>197 to 210 microns, Phi 2.25	1.420	1.670	1.660	2.500	0.969
>210 to 217 microns	0.691	0.833	0.816	1.260	0.449
>217 to 245 microns	2.270	2.910	2.690	4.350	1.380
>245 to 250 microns, Phi 2	0.339	0.460	0.403	0.681	0.192
>250 to 300 microns, Phi 1.75	2.610	3.850	3.030	5.400	1.370
>300 to 320 microns	0.712	1.210	0.751	1.500	0.330
>320 to 350 microns, Phi 1.5	0.956	1.650	0.982	2.010	0.438
>350 to 360 microns	0.263	0.490	0.239	0.544	0.114
>360 to 400 microns	0.967	1.820	0.860	2.000	0.419
>400 to 420 microns, Phi 1.25	0.404	0.810	0.304	0.837	0.169
>420 to 440 microns	0.385	0.772	0.290	0.798	0.162
>440 to 500 microns, Phi 1	0.973	2.030	0.631	2.110	0.407
>500 to 590 microns, Phi 0.75	0.796	1.680	0.492	2.680	0.105
>590 to 630 microns	0.119	0.333	0.010	1.060	0.000
>630 to 696 microns	0.124	0.427	0.000	1.420	0.000
>696 to 710 microns, Phi 0.5	0.000	0.054	0.000	0.178	0.000
>710 to 773 microns	0.000	0.229	0.000	0.760	0.000
>773 to 840 microns, Phi 0.25	0.000	0.014	0.000	0.434	0.000
>840 to 850 microns	0.000	0.000	0.000	0.059	0.000
>850 to 930 microns	0.000	0.000	0.000	0.350	0.000
>930 to 1000 microns, Phi 0	0.000	0.000	0.000	0.200	0.000
1000 to 1100 microns	0.000	0.000	0.000	0.053	0.000
>1100 to 1190 microns, Phi -0.25	0.000	0.000	0.000	0.000	0.000
>1190 to 1300 microns	0.000	0.000	0.000	0.000	0.000
>1300 to 1410 microns, Phi -0.5	0.000	0.000	0.000	0.000	0.000
>1410 to 1680 microns, Phi -0.75	0.000	0.000	0.000	0.000	0.000
>1680 to 2000 microns, Phi -1	0.000	0.000	0.000	0.000	0.000
>2000 microns*	2.26	2.46	4.15	ND	ND
Totals:	102.279	102.491	104.148	100.041	100.023

*=A value in this field reflects a percentage of 30 grams remaining on a 2000 micron sieve. This value must be subtracted from the total percentage.

POINT LOMA WASTEWATER TREATMENT PLANT

OCEAN SEDIMENT ANNUAL

Grain Size
(all values are in percent distribution)

From 01-JAN-2005 to 31-DEC-2005

Analyte	E-5 P307470 21-JUL-2005	E-7 P307661 22-JUL-2005	E-8 P288174 02-FEB-2005	E-8 P307480 21-JUL-2005	E-9 P307662 22-JUL-2005
<0.500 microns, Phi 11	0.000	0.000	0.000	0.000	0.000
>0.5 to 1 microns, Phi 10	0.000	0.000	0.000	0.000	0.000
>1 to 1.5 microns, Phi 9.5	0.407	0.420	0.272	0.386	0.414
>1.5 to 2 microns, Phi 9	0.524	0.533	0.467	0.477	0.586
>2.0 to 2.4 microns	0.481	0.482	0.419	0.427	0.570
>2.4 to 2.9 microns, Phi 8.5	0.628	0.622	0.536	0.550	0.768
>2.9 to 3.4 microns	0.642	0.631	0.538	0.556	0.805
>3.4 to 3.9 microns, Phi 8	0.686	0.668	0.564	0.587	0.884
>3.9 to 4 microns	0.140	0.137	0.114	0.119	0.181
>4.0 to 4.3 microns	0.400	0.392	0.327	0.342	0.520
>4.3 to 4.5 microns	0.257	0.251	0.209	0.219	0.334
>4.5 to 5 microns	0.674	0.659	0.543	0.572	0.887
>5 to 5.5 microns	0.656	0.646	0.528	0.557	0.866
>5.5 to 5.7 microns	0.252	0.249	0.202	0.214	0.333
>5.7 to 5.9 microns, Phi 7.5	0.247	0.244	0.198	0.209	0.326
>5.9 to 7.8 microns, Phi 7	2.240	2.250	1.800	1.900	2.960
>7.8 to 8 microns	0.221	0.228	0.179	0.189	0.288
>8 to 8.5 microns	0.529	0.545	0.428	0.452	0.690
>8.5 to 8.9 microns	0.405	0.419	0.328	0.346	0.526
>8.9 to 9.1 microns	0.202	0.213	0.165	0.174	0.260
>9.1 to 9.5 microns	0.391	0.413	0.320	0.337	0.503
>9.5 to 9.8 microns	0.283	0.299	0.231	0.244	0.364
>9.8 to 10.1 microns	0.274	0.290	0.224	0.236	0.353
>10.1 to 10.6 microns	0.459	0.497	0.380	0.399	0.582
>10.6 to 11.1 microns	0.438	0.474	0.363	0.381	0.555
>11.1 to 11.3 microns	0.170	0.184	0.140	0.147	0.215
>11.3 to 11.7 microns, Phi 6.5	0.331	0.362	0.275	0.289	0.415
>11.7 to 14 microns	1.710	1.940	1.460	1.520	2.100
>14 to 14.8 microns	0.537	0.622	0.463	0.481	0.647
>14.8 to 15.6 microns	0.516	0.611	0.452	0.468	0.613
>15.6 to 16 microns	0.252	0.303	0.223	0.230	0.295
>16 to 20 microns	2.240	2.770	2.020	2.080	2.570
>20 to 23 microns, Phi 5.5	1.450	1.910	1.370	1.400	1.590
>23 to 27 microns	1.790	2.460	1.740	1.770	1.870
>27 to 31 microns, Phi 5	1.720	2.460	1.720	1.760	1.750
>31 to 32 microns	0.440	0.637	0.446	0.456	0.437
>32 to 35.6 microns	1.590	2.300	1.620	1.650	1.570
>35.6 to 37 microns, Phi 4.75	0.650	0.935	0.666	0.677	0.628
>37 to 39.6 microns	1.190	1.700	1.220	1.240	1.140
>39.6 to 43.6 microns	2.080	2.900	2.150	2.160	1.950
>43.6 to 44 microns, Phi 4.5	0.198	0.275	0.204	0.205	0.185
>44 to 45 microns	0.496	0.688	0.512	0.513	0.463
>45 to 46.4 microns	0.866	1.150	0.903	0.890	0.785
>46.4 to 53 microns, Phi 4.25	3.990	5.240	4.180	4.110	3.600
>53 to 62.5 microns, Phi 4	6.460	7.940	6.850	6.690	5.680
>62.5 to 64 microns	1.060	1.250	1.130	1.100	0.918
>64 to 71.7 microns	5.490	6.230	5.890	5.750	4.700
>71.7 to 74 microns	1.630	1.790	1.760	1.720	1.380
>74 to 79.6 microns	3.910	4.140	4.230	4.110	3.260
>79.6 to 87.6 microns	5.430	5.440	5.870	5.690	4.400

POINT LOMA WASTEWATER TREATMENT PLANT

OCEAN SEDIMENT ANNUAL

Grain Size
(all values are in percent distribution)

From 01-JAN-2005 to 31-DEC-2005

Analyte	E-5 P307470 21-JUL-2005	E-7 P307661 22-JUL-2005	E-8 P288174 02-FEB-2005	E-8 P307480 21-JUL-2005	E-9 P307662 22-JUL-2005
>87.6 to 88 microns, Phi 3.5	0.258	0.259	0.279	0.271	0.209
>88 to 90 microns	1.300	1.220	1.400	1.350	1.020
>90 to 105 microns, Phi 3.25	8.930	8.030	9.550	9.200	6.810
>105 to 125 microns, Phi 3	9.310	7.660	9.720	9.320	6.840
>125 to 149 microns, Phi 2.75	7.710	5.840	7.720	7.350	5.620
>149 to 160 microns	2.420	1.710	2.320	2.190	1.810
>160 to 177 microns, Phi 2.5	3.000	2.040	2.810	2.630	2.290
>177 to 197 microns	2.370	1.520	2.140	1.970	1.910
>197 to 210 microns, Phi 2.25	1.090	0.663	0.967	0.871	0.928
>210 to 217 microns	0.506	0.302	0.446	0.399	0.442
>217 to 245 microns	1.550	0.899	1.370	1.200	1.420
>245 to 250 microns, Phi 2	0.215	0.120	0.190	0.164	0.206
>250 to 300 microns, Phi 1.75	1.510	0.817	1.360	1.150	1.550
>300 to 320 microns	0.350	0.180	0.337	0.273	0.415
>320 to 350 microns, Phi 1.5	0.460	0.235	0.451	0.364	0.558
>350 to 360 microns	0.116	0.059	0.122	0.097	0.157
>360 to 400 microns	0.422	0.214	0.453	0.361	0.584
>400 to 420 microns, Phi 1.25	0.166	0.086	0.195	0.157	0.264
>420 to 440 microns	0.158	0.082	0.186	0.150	0.252
>440 to 500 microns, Phi 1	0.398	0.213	0.506	0.427	0.745
>500 to 590 microns, Phi 0.75	0.103	0.056	0.658	0.617	1.150
>590 to 630 microns	0.000	0.000	0.016	0.292	0.601
>630 to 696 microns	0.000	0.000	0.000	0.465	1.000
>696 to 710 microns, Phi 0.5	0.000	0.000	0.000	0.104	0.244
>710 to 773 microns	0.000	0.000	0.000	0.442	1.040
>773 to 840 microns, Phi 0.25	0.000	0.000	0.000	0.462	1.240
>840 to 850 microns	0.000	0.000	0.000	0.066	0.178
>850 to 930 microns	0.000	0.000	0.000	0.393	1.060
>930 to 1000 microns, Phi 0	0.000	0.000	0.000	0.225	0.608
1000 to 1100 microns	0.000	0.000	0.000	0.060	0.516
>1100 to 1190 microns, Phi -0.25	0.000	0.000	0.000	0.000	0.327
>1190 to 1300 microns	0.000	0.000	0.000	0.000	0.229
>1300 to 1410 microns, Phi -0.5	0.000	0.000	0.000	0.000	0.074
>1410 to 1680 microns, Phi -0.75	0.000	0.000	0.000	0.000	0.000
>1680 to 2000 microns, Phi -1	0.000	0.000	0.000	0.000	0.000
>2000 microns*	ND	ND	ND	ND	ND
Totals:	99.974	100.004	100.025	99.999	100.013

*=A value in this field reflects a percentage of 30 grams remaining on a 2000 micron sieve. This value must be subtracted from the total percentage.

POINT LOMA WASTEWATER TREATMENT PLANT

OCEAN SEDIMENT ANNUAL

Grain Size
(all values are in percent distribution)

From 01-JAN-2005 to 31-DEC-2005

Analyte	E-11 P288142 02-FEB-2005	E-11 P307809 25-JUL-2005	E-14 P288146 02-FEB-2005	E-14 P307814 25-JUL-2005	E-15 P307820 25-JUL-2005
<0.500 microns, Phi 11	0.000	0.000	0.000	0.000	0.000
>0.5 to 1 microns, Phi 10	0.000	0.000	0.000	0.000	0.000
>1 to 1.5 microns, Phi 9.5	0.224	0.396	0.228	0.249	0.352
>1.5 to 2 microns, Phi 9	0.400	0.507	0.424	0.452	0.520
>2.0 to 2.4 microns	0.372	0.463	0.407	0.428	0.477
>2.4 to 2.9 microns, Phi 8.5	0.488	0.600	0.543	0.569	0.619
>2.9 to 3.4 microns	0.501	0.610	0.563	0.590	0.630
>3.4 to 3.9 microns, Phi 8	0.537	0.648	0.612	0.639	0.670
>3.9 to 4 microns	0.110	0.131	0.125	0.130	0.136
>4.0 to 4.3 microns	0.315	0.376	0.357	0.374	0.389
>4.3 to 4.5 microns	0.202	0.241	0.230	0.240	0.250
>4.5 to 5 microns	0.532	0.630	0.605	0.633	0.652
>5 to 5.5 microns	0.521	0.610	0.588	0.616	0.632
>5.5 to 5.7 microns	0.200	0.234	0.225	0.236	0.242
>5.7 to 5.9 microns, Phi 7.5	0.196	0.229	0.221	0.232	0.237
>5.9 to 7.8 microns, Phi 7	1.800	2.060	2.000	2.090	2.140
>7.8 to 8 microns	0.180	0.201	0.195	0.204	0.210
>8 to 8.5 microns	0.431	0.481	0.466	0.488	0.501
>8.5 to 8.9 microns	0.331	0.368	0.356	0.372	0.383
>8.9 to 9.1 microns	0.167	0.183	0.176	0.184	0.191
>9.1 to 9.5 microns	0.323	0.354	0.341	0.357	0.370
>9.5 to 9.8 microns	0.233	0.256	0.247	0.258	0.267
>9.8 to 10.1 microns	0.226	0.248	0.239	0.250	0.260
>10.1 to 10.6 microns	0.384	0.413	0.397	0.414	0.433
>10.6 to 11.1 microns	0.366	0.394	0.379	0.395	0.413
>11.1 to 11.3 microns	0.142	0.153	0.147	0.153	0.160
>11.3 to 11.7 microns, Phi 6.5	0.278	0.297	0.285	0.297	0.312
>11.7 to 14 microns	1.460	1.540	1.460	1.520	1.610
>14 to 14.8 microns	0.464	0.480	0.453	0.472	0.505
>14.8 to 15.6 microns	0.452	0.463	0.432	0.451	0.486
>15.6 to 16 microns	0.222	0.226	0.209	0.219	0.237
>16 to 20 microns	2.010	2.020	1.850	1.930	2.110
>20 to 23 microns, Phi 5.5	1.350	1.320	1.180	1.230	1.370
>23 to 27 microns	1.710	1.640	1.430	1.510	1.690
>27 to 31 microns, Phi 5	1.700	1.610	1.360	1.460	1.630
>31 to 32 microns	0.443	0.416	0.345	0.376	0.414
>32 to 35.6 microns	1.620	1.520	1.240	1.370	1.490
>35.6 to 37 microns, Phi 4.75	0.672	0.624	0.505	0.568	0.602
>37 to 39.6 microns	1.240	1.140	0.928	1.040	1.100
>39.6 to 43.6 microns	2.220	2.020	1.650	1.870	1.910
>43.6 to 44 microns, Phi 4.5	0.210	0.192	0.157	0.177	0.181
>44 to 45 microns	0.528	0.481	0.395	0.445	0.454
>45 to 46.4 microns	0.948	0.848	0.725	0.799	0.800
>46.4 to 53 microns, Phi 4.25	4.410	3.940	3.420	3.730	3.730
>53 to 62.5 microns, Phi 4	7.360	6.580	6.130	6.420	6.370
>62.5 to 64 microns	1.220	1.100	1.060	1.090	1.080
>64 to 71.7 microns	6.370	5.820	5.800	5.890	5.780
>71.7 to 74 microns	1.900	1.760	1.790	1.800	1.760
>74 to 79.6 microns	4.550	4.250	4.420	4.410	4.270
>79.6 to 87.6 microns	6.280	5.960	6.370	6.270	6.030

POINT LOMA WASTEWATER TREATMENT PLANT

OCEAN SEDIMENT ANNUAL

Grain Size
(all values are in percent distribution)

From 01-JAN-2005 to 31-DEC-2005

Analyte	E-11 P288142 02-FEB-2005	E-11 P307809 25-JUL-2005	E-14 P288146 02-FEB-2005	E-14 P307814 25-JUL-2005	E-15 P307820 25-JUL-2005
>87.6 to 88 microns, Phi 3.5	0.299	0.284	0.303	0.298	0.287
>88 to 90 microns	1.470	1.430	1.570	1.520	1.450
>90 to 105 microns, Phi 3.25	9.930	9.790	10.900	10.400	9.850
>105 to 125 microns, Phi 3	9.740	9.970	11.200	10.400	9.850
>125 to 149 microns, Phi 2.75	7.430	7.810	8.680	7.840	7.520
>149 to 160 microns	2.160	2.290	2.520	2.180	2.170
>160 to 177 microns, Phi 2.5	2.580	2.730	2.990	2.530	2.580
>177 to 197 microns	1.930	2.000	2.200	1.750	1.920
>197 to 210 microns, Phi 2.25	0.860	0.867	0.964	0.731	0.853
>210 to 217 microns	0.395	0.393	0.439	0.325	0.391
>217 to 245 microns	1.200	1.160	1.330	0.942	1.200
>245 to 250 microns, Phi 2	0.165	0.155	0.180	0.122	0.166
>250 to 300 microns, Phi 1.75	1.170	1.050	1.260	0.809	1.200
>300 to 320 microns	0.282	0.230	0.296	0.175	0.306
>320 to 350 microns, Phi 1.5	0.375	0.302	0.391	0.231	0.411
>350 to 360 microns	0.098	0.076	0.101	0.059	0.114
>360 to 400 microns	0.361	0.278	0.368	0.220	0.424
>400 to 420 microns, Phi 1.25	0.148	0.113	0.147	0.094	0.188
>420 to 440 microns	0.141	0.108	0.140	0.090	0.179
>440 to 500 microns, Phi 1	0.360	0.290	0.344	0.260	0.496
>500 to 590 microns, Phi 0.75	0.093	0.392	0.088	0.393	0.455
>590 to 630 microns	0.000	0.177	0.000	0.202	0.177
>630 to 696 microns	0.000	0.281	0.000	0.333	0.273
>696 to 710 microns, Phi 0.5	0.000	0.062	0.000	0.080	0.056
>710 to 773 microns	0.000	0.266	0.000	0.340	0.239
>773 to 840 microns, Phi 0.25	0.000	0.292	0.000	0.397	0.137
>840 to 850 microns	0.000	0.042	0.000	0.057	0.019
>850 to 930 microns	0.000	0.163	0.000	0.439	0.072
>930 to 1000 microns, Phi 0	0.000	0.000	0.000	0.358	0.000
1000 to 1100 microns	0.000	0.000	0.000	0.303	0.000
>1100 to 1190 microns, Phi -0.25	0.000	0.000	0.000	0.164	0.000
>1190 to 1300 microns	0.000	0.000	0.000	0.000	0.000
>1300 to 1410 microns, Phi -0.5	0.000	0.000	0.000	0.000	0.000
>1410 to 1680 microns, Phi -0.75	0.000	0.000	0.000	0.000	0.000
>1680 to 2000 microns, Phi -1	0.000	0.000	0.000	0.000	0.000
>2000 microns*	ND	ND	ND	ND	ND
Totals:	99.985	100.034	100.076	99.939	100.038

*=A value in this field reflects a percentage of 30 grams remaining on a 2000 micron sieve. This value must be subtracted from the total percentage.

POINT LOMA WASTEWATER TREATMENT PLANT

OCEAN SEDIMENT ANNUAL

Grain Size
(all values are in percent distribution)

From 01-JAN-2005 to 31-DEC-2005

Analyte	E-17 P287741 01-FEB-2005	E-17 P307826 25-JUL-2005	E-19 P307832 25-JUL-2005	E-20 P287747 01-FEB-2005	E-20 P307836 25-JUL-2005
<0.500 microns, Phi 11	0.000	0.000	0.000	0.000	0.000
>0.5 to 1 microns, Phi 10	0.000	0.000	0.000	0.000	0.000
>1 to 1.5 microns, Phi 9.5	0.260	0.392	0.287	0.434	0.267
>1.5 to 2 microns, Phi 9	0.454	0.481	0.530	0.541	0.468
>2.0 to 2.4 microns	0.414	0.426	0.505	0.482	0.430
>2.4 to 2.9 microns, Phi 8.5	0.534	0.544	0.670	0.615	0.561
>2.9 to 3.4 microns	0.541	0.546	0.694	0.615	0.573
>3.4 to 3.9 microns, Phi 8	0.572	0.572	0.752	0.644	0.612
>3.9 to 4 microns	0.116	0.116	0.155	0.130	0.125
>4.0 to 4.3 microns	0.333	0.332	0.444	0.373	0.358
>4.3 to 4.5 microns	0.214	0.213	0.286	0.239	0.230
>4.5 to 5 microns	0.558	0.554	0.757	0.621	0.602
>5 to 5.5 microns	0.544	0.539	0.746	0.603	0.588
>5.5 to 5.7 microns	0.209	0.207	0.287	0.231	0.226
>5.7 to 5.9 microns, Phi 7.5	0.205	0.203	0.282	0.227	0.221
>5.9 to 7.8 microns, Phi 7	1.870	1.840	2.620	2.060	2.030
>7.8 to 8 microns	0.186	0.183	0.266	0.204	0.202
>8 to 8.5 microns	0.444	0.439	0.637	0.489	0.485
>8.5 to 8.9 microns	0.341	0.337	0.490	0.375	0.372
>8.9 to 9.1 microns	0.171	0.170	0.249	0.189	0.188
>9.1 to 9.5 microns	0.332	0.329	0.482	0.366	0.364
>9.5 to 9.8 microns	0.240	0.238	0.348	0.264	0.263
>9.8 to 10.1 microns	0.233	0.231	0.338	0.257	0.255
>10.1 to 10.6 microns	0.394	0.391	0.580	0.435	0.433
>10.6 to 11.1 microns	0.376	0.373	0.554	0.415	0.414
>11.1 to 11.3 microns	0.146	0.145	0.215	0.161	0.160
>11.3 to 11.7 microns, Phi 6.5	0.285	0.283	0.421	0.315	0.314
>11.7 to 14 microns	1.500	1.500	2.240	1.660	1.670
>14 to 14.8 microns	0.475	0.477	0.717	0.529	0.531
>14.8 to 15.6 microns	0.461	0.465	0.700	0.516	0.519
>15.6 to 16 microns	0.227	0.229	0.346	0.254	0.257
>16 to 20 microns	2.050	2.080	3.150	2.310	2.340
>20 to 23 microns, Phi 5.5	1.370	1.410	2.140	1.560	1.600
>23 to 27 microns	1.730	1.800	2.720	1.990	2.060
>27 to 31 microns, Phi 5	1.730	1.800	2.690	2.000	2.060
>31 to 32 microns	0.451	0.469	0.692	0.522	0.534
>32 to 35.6 microns	1.660	1.710	2.500	1.920	1.930
>35.6 to 37 microns, Phi 4.75	0.694	0.705	1.020	0.798	0.781
>37 to 39.6 microns	1.280	1.290	1.850	1.460	1.420
>39.6 to 43.6 microns	2.280	2.280	3.150	2.600	2.460
>43.6 to 44 microns, Phi 4.5	0.216	0.217	0.299	0.247	0.233
>44 to 45 microns	0.543	0.544	0.747	0.619	0.584
>45 to 46.4 microns	0.953	0.959	1.250	1.080	1.020
>46.4 to 53 microns, Phi 4.25	4.400	4.450	5.650	4.960	4.710
>53 to 62.5 microns, Phi 4	7.180	7.400	8.440	7.940	7.760
>62.5 to 64 microns	1.180	1.230	1.310	1.290	1.280
>64 to 71.7 microns	6.240	6.470	6.400	6.640	6.610
>71.7 to 74 microns	1.880	1.940	1.810	1.960	1.960
>74 to 79.6 microns	4.520	4.650	4.090	4.630	4.610
>79.6 to 87.6 microns	6.330	6.450	5.180	6.300	6.230

POINT LOMA WASTEWATER TREATMENT PLANT

OCEAN SEDIMENT ANNUAL

Grain Size
(all values are in percent distribution)

From 01-JAN-2005 to 31-DEC-2005

Analyte	E-17 P287741 01-FEB-2005	E-17 P307826 25-JUL-2005	E-19 P307832 25-JUL-2005	E-20 P287747 01-FEB-2005	E-20 P307836 25-JUL-2005
>87.6 to 88 microns, Phi 3.5	0.301	0.307	0.246	0.300	0.296
>88 to 90 microns	1.510	1.520	1.110	1.450	1.420
>90 to 105 microns, Phi 3.25	10.300	10.200	7.040	9.610	9.410
>105 to 125 microns, Phi 3	10.300	9.960	6.280	9.060	8.850
>125 to 149 microns, Phi 2.75	7.810	7.410	4.610	6.540	6.470
>149 to 160 microns	2.210	2.070	1.350	1.780	1.810
>160 to 177 microns, Phi 2.5	2.580	2.410	1.620	2.040	2.130
>177 to 197 microns	1.810	1.690	1.240	1.390	1.540
>197 to 210 microns, Phi 2.25	0.756	0.711	0.567	0.565	0.670
>210 to 217 microns	0.337	0.317	0.263	0.248	0.304
>217 to 245 microns	0.972	0.922	0.812	0.707	0.913
>245 to 250 microns, Phi 2	0.125	0.120	0.113	0.089	0.123
>250 to 300 microns, Phi 1.75	0.813	0.787	0.815	0.565	0.862
>300 to 320 microns	0.164	0.162	0.198	0.108	0.203
>320 to 350 microns, Phi 1.5	0.212	0.210	0.262	0.140	0.268
>350 to 360 microns	0.050	0.050	0.068	0.032	0.070
>360 to 400 microns	0.180	0.182	0.248	0.117	0.257
>400 to 420 microns, Phi 1.25	0.067	0.069	0.098	0.044	0.106
>420 to 440 microns	0.064	0.066	0.094	0.042	0.101
>440 to 500 microns, Phi 1	0.155	0.161	0.232	0.105	0.261
>500 to 590 microns, Phi 0.75	0.040	0.041	0.060	0.027	0.068
>590 to 630 microns	0.000	0.000	0.000	0.000	0.000
>630 to 696 microns	0.000	0.000	0.000	0.000	0.000
>696 to 710 microns, Phi 0.5	0.000	0.000	0.000	0.000	0.000
>710 to 773 microns	0.000	0.000	0.000	0.000	0.000
>773 to 840 microns, Phi 0.25	0.000	0.000	0.000	0.000	0.000
>840 to 850 microns	0.000	0.000	0.000	0.000	0.000
>850 to 930 microns	0.000	0.000	0.000	0.000	0.000
>930 to 1000 microns, Phi 0	0.000	0.000	0.000	0.000	0.000
1000 to 1100 microns	0.000	0.000	0.000	0.000	0.000
>1100 to 1190 microns, Phi -0.25	0.000	0.000	0.000	0.000	0.000
>1190 to 1300 microns	0.000	0.000	0.000	0.000	0.000
>1300 to 1410 microns, Phi -0.5	0.000	0.000	0.000	0.000	0.000
>1410 to 1680 microns, Phi -0.75	0.000	0.000	0.000	0.000	0.000
>1680 to 2000 microns, Phi -1	0.000	0.000	0.000	0.000	0.000
>2000 microns*	ND	ND	ND	ND	ND
Totals:	100.078	99.974	100.012	100.029	100.032

*=A value in this field reflects a percentage of 30 grams remaining on a 2000 micron sieve. This value must be subtracted from the total percentage.

POINT LOMA WASTEWATER TREATMENT PLANT

OCEAN SEDIMENT ANNUAL

Grain Size
(all values are in percent distribution)

From 01-JAN-2005 to 31-DEC-2005

Analyte	E-21 P307840 25-JUL-2005	E-23 P287759 01-FEB-2005	E-23 P308291 26-JUL-2005	E-25 P287765 01-FEB-2005	E-25 P308297 26-JUL-2005
<0.500 microns, Phi 11	0.000	0.000	0.000	0.000	0.000
>0.5 to 1 microns, Phi 10	0.000	0.000	0.000	0.049	0.000
>1 to 1.5 microns, Phi 9.5	0.266	0.446	0.428	0.447	0.397
>1.5 to 2 microns, Phi 9	0.487	0.563	0.541	0.570	0.512
>2.0 to 2.4 microns	0.463	0.503	0.486	0.515	0.467
>2.4 to 2.9 microns, Phi 8.5	0.615	0.641	0.624	0.660	0.604
>2.9 to 3.4 microns	0.638	0.640	0.629	0.662	0.613
>3.4 to 3.9 microns, Phi 8	0.693	0.668	0.662	0.696	0.651
>3.9 to 4 microns	0.142	0.135	0.134	0.140	0.132
>4.0 to 4.3 microns	0.408	0.386	0.386	0.401	0.380
>4.3 to 4.5 microns	0.262	0.247	0.247	0.257	0.244
>4.5 to 5 microns	0.694	0.640	0.645	0.667	0.637
>5 to 5.5 microns	0.680	0.622	0.630	0.647	0.622
>5.5 to 5.7 microns	0.262	0.239	0.242	0.248	0.239
>5.7 to 5.9 microns, Phi 7.5	0.257	0.233	0.237	0.243	0.234
>5.9 to 7.8 microns, Phi 7	2.360	2.120	2.170	2.190	2.140
>7.8 to 8 microns	0.234	0.212	0.219	0.217	0.214
>8 to 8.5 microns	0.561	0.508	0.524	0.519	0.513
>8.5 to 8.9 microns	0.430	0.390	0.402	0.398	0.394
>8.9 to 9.1 microns	0.215	0.198	0.204	0.200	0.199
>9.1 to 9.5 microns	0.417	0.383	0.395	0.388	0.385
>9.5 to 9.8 microns	0.301	0.277	0.286	0.280	0.278
>9.8 to 10.1 microns	0.292	0.269	0.277	0.272	0.270
>10.1 to 10.6 microns	0.493	0.459	0.474	0.460	0.459
>10.6 to 11.1 microns	0.470	0.438	0.452	0.439	0.437
>11.1 to 11.3 microns	0.182	0.170	0.175	0.170	0.169
>11.3 to 11.7 microns, Phi 6.5	0.354	0.334	0.344	0.333	0.332
>11.7 to 14 microns	1.840	1.780	1.830	1.760	1.760
>14 to 14.8 microns	0.577	0.572	0.587	0.560	0.558
>14.8 to 15.6 microns	0.554	0.562	0.574	0.546	0.544
>15.6 to 16 microns	0.269	0.279	0.284	0.270	0.268
>16 to 20 microns	2.400	2.560	2.600	2.450	2.430
>20 to 23 microns, Phi 5.5	1.550	1.780	1.770	1.670	1.640
>23 to 27 microns	1.880	2.300	2.270	2.130	2.070
>27 to 31 microns, Phi 5	1.790	2.310	2.260	2.120	2.050
>31 to 32 microns	0.450	0.599	0.587	0.546	0.529
>32 to 35.6 microns	1.610	2.160	2.140	1.970	1.920
>35.6 to 37 microns, Phi 4.75	0.649	0.876	0.879	0.798	0.790
>37 to 39.6 microns	1.180	1.590	1.610	1.450	1.440
>39.6 to 43.6 microns	2.040	2.730	2.790	2.510	2.510
>43.6 to 44 microns, Phi 4.5	0.194	0.259	0.265	0.238	0.239
>44 to 45 microns	0.486	0.647	0.663	0.596	0.597
>45 to 46.4 microns	0.846	1.100	1.130	1.020	1.020
>46.4 to 53 microns, Phi 4.25	3.930	5.020	5.180	4.700	4.650
>53 to 62.5 microns, Phi 4	6.650	7.900	8.070	7.490	7.290
>62.5 to 64 microns	1.120	1.270	1.290	1.210	1.170
>64 to 71.7 microns	6.020	6.470	6.550	6.180	6.010
>71.7 to 74 microns	1.840	1.890	1.910	1.810	1.770
>74 to 79.6 microns	4.450	4.420	4.450	4.260	4.190
>79.6 to 87.6 microns	6.280	5.910	5.920	5.750	5.690

POINT LOMA WASTEWATER TREATMENT PLANT

OCEAN SEDIMENT ANNUAL

Grain Size
(all values are in percent distribution)

From 01-JAN-2005 to 31-DEC-2005

Analyte	E-21 P307840 25-JUL-2005	E-23 P287759 01-FEB-2005	E-23 P308291 26-JUL-2005	E-25 P287765 01-FEB-2005	E-25 P308297 26-JUL-2005
>87.6 to 88 microns, Phi 3.5	0.299	0.281	0.282	0.274	0.271
>88 to 90 microns	1.500	1.340	1.330	1.330	1.320
>90 to 105 microns, Phi 3.25	10.100	8.840	8.730	8.900	8.880
>105 to 125 microns, Phi 3	9.940	8.340	8.130	8.790	8.820
>125 to 149 microns, Phi 2.75	7.360	6.130	5.920	6.830	6.910
>149 to 160 microns	2.040	1.720	1.660	2.010	2.050
>160 to 177 microns, Phi 2.5	2.370	2.010	1.930	2.390	2.460
>177 to 197 microns	1.670	1.420	1.380	1.740	1.830
>197 to 210 microns, Phi 2.25	0.705	0.602	0.585	0.737	0.802
>210 to 217 microns	0.315	0.269	0.263	0.330	0.365
>217 to 245 microns	0.924	0.785	0.771	0.953	1.090
>245 to 250 microns, Phi 2	0.121	0.102	0.101	0.123	0.146
>250 to 300 microns, Phi 1.75	0.809	0.673	0.673	0.778	0.999
>300 to 320 microns	0.173	0.138	0.142	0.146	0.223
>320 to 350 microns, Phi 1.5	0.226	0.178	0.184	0.186	0.292
>350 to 360 microns	0.055	0.042	0.044	0.041	0.073
>360 to 400 microns	0.201	0.152	0.160	0.146	0.268
>400 to 420 microns, Phi 1.25	0.078	0.056	0.060	0.051	0.107
>420 to 440 microns	0.074	0.053	0.058	0.048	0.102
>440 to 500 microns, Phi 1	0.182	0.127	0.140	0.076	0.263
>500 to 590 microns, Phi 0.75	0.047	0.032	0.036	0.017	0.068
>590 to 630 microns	0.000	0.000	0.000	0.000	0.000
>630 to 696 microns	0.000	0.000	0.000	0.000	0.000
>696 to 710 microns, Phi 0.5	0.000	0.000	0.000	0.000	0.000
>710 to 773 microns	0.000	0.000	0.000	0.000	0.000
>773 to 840 microns, Phi 0.25	0.000	0.000	0.000	0.000	0.000
>840 to 850 microns	0.000	0.000	0.000	0.000	0.000
>850 to 930 microns	0.000	0.000	0.000	0.000	0.000
>930 to 1000 microns, Phi 0	0.000	0.000	0.000	0.000	0.000
1000 to 1100 microns	0.000	0.000	0.000	0.000	0.000
>1100 to 1190 microns, Phi -0.25	0.000	0.000	0.000	0.000	0.000
>1190 to 1300 microns	0.000	0.000	0.000	0.000	0.000
>1300 to 1410 microns, Phi -0.5	0.000	0.000	0.000	0.000	0.000
>1410 to 1680 microns, Phi -0.75	0.000	0.000	0.000	0.000	0.000
>1680 to 2000 microns, Phi -1	0.000	0.000	0.000	0.000	0.000
>2000 microns*	ND	ND	ND	ND	ND
Totals:	99.970	99.995	100.001	99.998	99.996

*=A value in this field reflects a percentage of 30 grams remaining on a 2000 micron sieve. This value must be subtracted from the total percentage.

POINT LOMA WASTEWATER TREATMENT PLANT

OCEAN SEDIMENT ANNUAL

Grain Size
(all values are in percent distribution)

From 01-JAN-2005 to 31-DEC-2005

Analyte	E-26 P288162 02-FEB-2005	E-26 P308306 26-JUL-2005
<0.500 microns, Phi 11	0.000	0.000
>0.5 to 1 microns, Phi 10	0.098	0.103
>1 to 1.5 microns, Phi 9.5	0.478	0.496
>1.5 to 2 microns, Phi 9	0.606	0.625
>2.0 to 2.4 microns	0.547	0.565
>2.4 to 2.9 microns, Phi 8.5	0.701	0.729
>2.9 to 3.4 microns	0.704	0.739
>3.4 to 3.9 microns, Phi 8	0.740	0.783
>3.9 to 4 microns	0.149	0.160
>4.0 to 4.3 microns	0.429	0.459
>4.3 to 4.5 microns	0.275	0.295
>4.5 to 5 microns	0.714	0.773
>5 to 5.5 microns	0.694	0.758
>5.5 to 5.7 microns	0.266	0.292
>5.7 to 5.9 microns, Phi 7.5	0.260	0.286
>5.9 to 7.8 microns, Phi 7	2.360	2.630
>7.8 to 8 microns	0.235	0.265
>8 to 8.5 microns	0.563	0.634
>8.5 to 8.9 microns	0.432	0.487
>8.9 to 9.1 microns	0.218	0.246
>9.1 to 9.5 microns	0.422	0.477
>9.5 to 9.8 microns	0.305	0.345
>9.8 to 10.1 microns	0.296	0.334
>10.1 to 10.6 microns	0.503	0.569
>10.6 to 11.1 microns	0.480	0.543
>11.1 to 11.3 microns	0.186	0.210
>11.3 to 11.7 microns, Phi 6.5	0.365	0.412
>11.7 to 14 microns	1.930	2.170
>14 to 14.8 microns	0.617	0.690
>14.8 to 15.6 microns	0.603	0.670
>15.6 to 16 microns	0.298	0.329
>16 to 20 microns	2.720	2.970
>20 to 23 microns, Phi 5.5	1.860	1.970
>23 to 27 microns	2.390	2.450
>27 to 31 microns, Phi 5	2.380	2.370
>31 to 32 microns	0.614	0.604
>32 to 35.6 microns	2.210	2.180
>35.6 to 37 microns, Phi 4.75	0.893	0.881
>37 to 39.6 microns	1.620	1.600
>39.6 to 43.6 microns	2.760	2.730
>43.6 to 44 microns, Phi 4.5	0.262	0.259
>44 to 45 microns	0.655	0.648
>45 to 46.4 microns	1.110	1.080
>46.4 to 53 microns, Phi 4.25	5.050	4.920
>53 to 62.5 microns, Phi 4	7.870	7.490
>62.5 to 64 microns	1.260	1.180
>64 to 71.7 microns	6.370	5.940
>71.7 to 74 microns	1.850	1.720
>74 to 79.6 microns	4.320	3.980
>79.6 to 87.6 microns	5.740	5.250

POINT LOMA WASTEWATER TREATMENT PLANT

OCEAN SEDIMENT ANNUAL

Grain Size
(all values are in percent distribution)

From 01-JAN-2005 to 31-DEC-2005

Analyte	E-26 P288162 02-FEB-2005	E-26 P308306 26-JUL-2005
>87.6 to 88 microns, Phi 3.5	0.273	0.250
>88 to 90 microns	1.300	1.170
>90 to 105 microns, Phi 3.25	8.490	7.620
>105 to 125 microns, Phi 3	7.900	6.970
>125 to 149 microns, Phi 2.75	5.730	5.020
>149 to 160 microns	1.600	1.410
>160 to 177 microns, Phi 2.5	1.860	1.660
>177 to 197 microns	1.320	1.210
>197 to 210 microns, Phi 2.25	0.563	0.530
>210 to 217 microns	0.253	0.242
>217 to 245 microns	0.742	0.733
>245 to 250 microns, Phi 2	0.098	0.100
>250 to 300 microns, Phi 1.75	0.651	0.716
>300 to 320 microns	0.138	0.180
>320 to 350 microns, Phi 1.5	0.180	0.242
>350 to 360 microns	0.044	0.068
>360 to 400 microns	0.159	0.255
>400 to 420 microns, Phi 1.25	0.060	0.118
>420 to 440 microns	0.057	0.112
>440 to 500 microns, Phi 1	0.139	0.337
>500 to 590 microns, Phi 0.75	0.036	0.515
>590 to 630 microns	0.000	0.255
>630 to 696 microns	0.000	0.410
>696 to 710 microns, Phi 0.5	0.000	0.093
>710 to 773 microns	0.000	0.396
>773 to 840 microns, Phi 0.25	0.000	0.422
>840 to 850 microns	0.000	0.060
>850 to 930 microns	0.000	0.360
>930 to 1000 microns, Phi 0	0.000	0.206
1000 to 1100 microns	0.000	0.055
>1100 to 1190 microns, Phi -0.25	0.000	0.000
>1190 to 1300 microns	0.000	0.000
>1300 to 1410 microns, Phi -0.5	0.000	0.000
>1410 to 1680 microns, Phi -0.75	0.000	0.000
>1680 to 2000 microns, Phi -1	0.000	0.000
>2000 microns*	ND	ND
Totals:	100.001	100.011

*=A value in this field reflects a percentage of 30 grams remaining on a 2000 micron sieve. This value must be subtracted from the total percentage.

From 01-JAN-2005 to 31-DEC-2005

Analyte	MDL	Units	A-2 Avg	A-5 Avg	A-8 Avg	A-9 Avg	A-15 Avg	A-16 Avg	B-3 Avg
Total Nitrogen	.005	WT%	0.067	0.073	0.076	0.075	0.069	0.080	0.054
Total Organic Carbon	.01	WT%	0.657	0.821	0.797	0.811	0.771	0.883	0.617

Analyte	MDL	Units	B-5 Avg	B-8 Avg	B-9 Avg	B-10 Avg	B-11 Avg	B-12 Avg	E-1 Avg
Total Nitrogen	.005	WT%	0.076	0.080	0.046	0.057	0.089	0.069	0.064
Total Organic Carbon	.01	WT%	0.912	0.881	0.626	2.140	1.900	1.550	0.700

Analyte	MDL	Units	E-2 Avg	E-3 Avg	E-5 Avg	E-7 Avg	E-8 Avg	E-9 Avg	E-11 Avg
Total Nitrogen	.005	WT%	0.056	0.035	0.050	0.052	0.042	0.065	0.046
Total Organic Carbon	.01	WT%	0.640	0.448	0.592	0.635	0.479	1.540	0.609

Analyte	MDL	Units	E-14 Avg	E-15 Avg	E-17 Avg	E-19 Avg	E-20 Avg	E-21 Avg	E-23 Avg
Total Nitrogen	.005	WT%	0.045	0.058	0.047	0.078	0.051	0.052	0.059
Total Organic Carbon	.01	WT%	0.496	0.796	0.469	0.800	0.524	0.624	0.560

Analyte	MDL	Units	E-25 Avg	E-26 Avg
Total Nitrogen	.005	WT%	0.052	0.059
Total Organic Carbon	.01	WT%	0.537	0.638

nd=not detected; NS=not sampled; NA=not analyzed

POINT LOMA WASTEWATER TREATMENT PLANT
ANNUAL OCEAN SEDIMENT - STANDARD
Trace Metals

From: 01-JAN-2005 to: 31-DEC-2005

Source:			A-2	A-5	A-8	A-9	A-15	A-16	B-3
Date:			2005	2005	2005	2005	2005	2005	2005
Analyte:	MDL	Units	Average	Average	Average	Average	Average	Average	Average
Aluminum	1.15	MG/KG	19800	21600	18300	20500	18800	22900	18300
Antimony	.13	MG/KG	ND	ND	ND	ND	ND	ND	0.20
Arsenic	.33	MG/KG	3.59	3.94	4.26	3.20	3.89	4.70	3.46
Beryllium	.00119	MG/KG	0.35	0.37	0.33	0.35	0.34	0.40	0.32
Cadmium	.0104	MG/KG	0.18	0.24	0.22	0.25	0.19	0.21	0.14
Chromium	.016	MG/KG	24.8	27.9	23.7	26.5	24.6	28.1	24.2
Copper	.0278	MG/KG	10.80	12.40	10.80	11.30	12.10	12.50	8.70
Iron	.76	MG/KG	19000	20500	17800	19400	18600	21600	18900
Lead	.142	MG/KG	9.50	10.20	8.78	10.80	9.27	10.40	8.47
Manganese	.00367	MG/KG	284.0	294.0	239.0	296.0	246.0	312.0	315.0
Mercury	.003	MG/KG	0.049	0.058	0.117	0.081	0.084	0.059	0.039
Nickel	.0364	MG/KG	10.90	11.80	10.50	10.50	10.70	12.20	8.83
Selenium	.24	MG/KG	ND	ND	ND	ND	ND	ND	ND
Silver	.0129	MG/KG	ND	ND	ND	ND	ND	ND	ND
Thallium	.221	MG/KG	ND	ND	ND	ND	ND	ND	ND
Tin	.0586	MG/KG	2.5	3.0	2.3	4.1	2.6	2.9	2.7
Zinc	.0521	MG/KG	47.4	52.1	45.3	49.4	48.0	54.0	42.9

Source:			B-5	B-8	B-9	B-10	B-11	B-12	E-1
Date:			2005	2005	2005	2005	2005	2005	2005
Analyte:	MDL	Units	Average	Average	Average	Average	Average	Average	Average
Aluminum	1.15	MG/KG	16200	22100	15100	12400	20100	11400	14200
Antimony	.13	MG/KG	ND	ND	0.43	ND	ND	1.17	0.52
Arsenic	.33	MG/KG	4.39	4.33	3.68	3.42	6.10	5.56	3.06
Beryllium	.00119	MG/KG	0.33	0.40	0.40	0.43	0.56	0.50	0.27
Cadmium	.0104	MG/KG	0.10	0.19	0.14	ND	0.09	0.03	0.05
Chromium	.016	MG/KG	25.2	29.4	28.4	24.4	34.5	30.3	19.1
Copper	.0278	MG/KG	7.80	11.40	7.65	5.83	11.00	6.32	10.50
Iron	.76	MG/KG	20100	22500	23800	20200	29900	26200	16400
Lead	.142	MG/KG	7.63	9.71	7.18	0.51	7.43	3.49	7.16
Manganese	.00367	MG/KG	276.0	314.0	221.0	248.0	265.0	184.0	205.0
Mercury	.003	MG/KG	0.028	0.043	0.031	0.019	0.045	0.020	0.055
Nickel	.0364	MG/KG	8.37	11.90	8.90	6.98	12.10	7.40	8.42
Selenium	.24	MG/KG	ND	ND	<0.240	ND	0.240	ND	ND
Silver	.0129	MG/KG	ND	ND	0.05	ND	ND	0.03	ND
Thallium	.221	MG/KG	ND	ND	ND	ND	ND	ND	ND
Tin	.0586	MG/KG	2.3	2.6	1.8	1.5	2.5	1.6	2.0
Zinc	.0521	MG/KG	43.6	49.6	40.0	40.5	58.2	43.9	37.3

ND= not detected
NA= not analyzed
NS= not sampled

POINT LOMA WASTEWATER TREATMENT PLANT
ANNUAL OCEAN SEDIMENT - STANDARD
Trace Metals

From: 01-JAN-2005 to: 31-DEC-2005

Source:			E-2	E-3	E-5	E-7	E-8	E-9	E-11
Date:			2005	2005	2005	2005	2005	2005	2005
Analyte:	MDL	Units	Average	Average	Average	Average	Average	Average	Average
Aluminum	1.15	MG/KG	18000	14600	14000	13200	13500	12300	10500
Antimony	.13	MG/KG	0.55	0.63	0.39	ND	0.34	ND	0.46
Arsenic	.33	MG/KG	3.08	3.58	2.62	3.97	2.41	4.80	3.61
Beryllium	.00119	MG/KG	0.31	0.25	0.27	0.26	0.26	0.33	0.22
Cadmium	.0104	MG/KG	0.09	0.09	0.13	0.10	0.11	0.03	0.09
Chromium	.016	MG/KG	21.9	17.3	19.3	19.2	18.9	21.9	16.1
Copper	.0278	MG/KG	13.20	16.60	7.93	9.22	6.91	31.60	6.85
Iron	.76	MG/KG	20300	16500	16700	14200	16400	16800	12800
Lead	.142	MG/KG	8.65	10.70	6.32	5.95	5.78	11.70	5.35
Manganese	.00367	MG/KG	248.0	181.0	254.0	207.0	280.0	144.0	165.0
Mercury	.003	MG/KG	0.068	0.059	0.032	0.042	0.027	0.042	0.024
Nickel	.0364	MG/KG	8.84	6.90	7.52	8.52	7.04	8.41	6.61
Selenium	.24	MG/KG	ND	ND	ND	0.263	ND	ND	ND
Silver	.0129	MG/KG	<0.01	0.02	<0.01	0.02	ND	ND	<0.01
Thallium	.221	MG/KG	ND	ND	ND	ND	ND	0.7	ND
Tin	.0586	MG/KG	2.3	2.2	2.2	1.8	2.3	1.8	1.7
Zinc	.0521	MG/KG	39.7	45.3	32.6	33.7	31.2	91.8	25.9

Source:			E-14	E-15	E-17	E-19	E-20	E-21	E-23
Date:			2005	2005	2005	2005	2005	2005	2005
Analyte:	MDL	Units	Average	Average	Average	Average	Average	Average	Average
Aluminum	1.15	MG/KG	10700	11100	11900	14700	13600	10800	15000
Antimony	.13	MG/KG	0.40	ND	0.46	ND	0.49	ND	0.57
Arsenic	.33	MG/KG	3.53	2.94	2.96	3.99	3.26	2.67	3.23
Beryllium	.00119	MG/KG	0.21	0.25	0.23	0.29	0.26	0.24	0.28
Cadmium	.0104	MG/KG	0.11	0.05	0.11	0.10	0.10	0.05	0.14
Chromium	.016	MG/KG	16.2	17.2	17.3	22.0	19.2	16.4	20.7
Copper	.0278	MG/KG	6.76	7.78	7.23	11.10	7.63	7.64	7.82
Iron	.76	MG/KG	13100	12800	13400	15900	15300	11700	16200
Lead	.142	MG/KG	5.21	5.29	5.41	6.81	5.96	5.31	7.03
Manganese	.00367	MG/KG	178.0	154.0	203.0	158.0	225.0	128.0	235.0
Mercury	.003	MG/KG	0.023	0.030	0.029	0.045	0.028	0.034	0.031
Nickel	.0364	MG/KG	6.55	7.18	7.06	10.10	7.92	7.15	8.33
Selenium	.24	MG/KG	ND	ND	ND	ND	ND	ND	ND
Silver	.0129	MG/KG	0.02	0.05	0.07	ND	0.02	ND	0.02
Thallium	.221	MG/KG	ND	ND	ND	ND	ND	ND	ND
Tin	.0586	MG/KG	1.6	1.7	1.8	2.0	1.9	1.5	2.2
Zinc	.0521	MG/KG	25.9	29.3	28.5	38.1	31.0	27.7	32.8

ND= not detected
NA= not analyzed
NS= not sampled

POINT LOMA WASTEWATER TREATMENT PLANT
ANNUAL OCEAN SEDIMENT - STANDARD
Trace Metals

From: 01-JAN-2005 to: 31-DEC-2005

Source:			E-25	E-26
Date:			2005	2005
Analyte:	MDL	Units	Average	Average
Aluminum	1.15	MG/KG	14500	16200
Antimony	.13	MG/KG	0.53	0.45
Arsenic	.33	MG/KG	2.59	3.29
Beryllium	.00119	MG/KG	0.28	0.29
Cadmium	.0104	MG/KG	0.13	0.15
Chromium	.016	MG/KG	20.7	22.0
Copper	.0278	MG/KG	7.96	8.17
Iron	.76	MG/KG	15800	17500
Lead	.142	MG/KG	6.78	7.08
Manganese	.00367	MG/KG	229.0	257.0
Mercury	.003	MG/KG	0.031	0.031
Nickel	.0364	MG/KG	8.20	9.15
Selenium	.24	MG/KG	ND	ND
Silver	.0129	MG/KG	0.03	ND
Thallium	.221	MG/KG	ND	ND
Tin	.0586	MG/KG	2.2	2.3
Zinc	.0521	MG/KG	33.0	37.0

ND= not detected
NA= not analyzed
NS= not sampled

POINT LOMA WASTEWATER TREATMENT PLANT
SEDIMENT ANNUAL Chlorinated Pesticide Analysis - STANDARD STATIONS

From 01-JAN-2005 To 31-DEC-2005

Analyte	MDL	Units	A-2 2005 Average	A-5 2005 Average	A-8 2005 Average	A-9 2005 Average	A-15 2005 Average	A-16 2005 Average	B-3 2005 Average	B-5 2005 Average
Aldrin	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
Dieldrin	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
BHC, Alpha isomer	400	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
BHC, Beta isomer	400	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
BHC, Gamma isomer	400	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
BHC, Delta isomer	400	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
p,p-DDD	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
p,p-DDE	400	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
p,-p-DDMU		NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
p,p-DDT	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
o,p-DDD	400	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
o,p-DDE	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
o,p-DDT	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor epoxide	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
Alpha (cis) Chlordane	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
Gamma (trans) Chlordane	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
Alpha Chlordene		NG/KG	NA	NA	NA	NA	NA	NA	NA	NA
Gamma Chlordene		NG/KG	NA	NA	NA	NA	NA	NA	NA	NA
Oxychlordane	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
Trans Nonachlor	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
Cis Nonachlor	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
Alpha Endosulfan	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
Beta Endosulfan	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan Sulfate	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
Endrin	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
Endrin aldehyde	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
Mirex	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
Methoxychlor	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
Aldrin + Dieldrin	700	NG/KG	0	0	0	0	0	0	0	0
Hexachlorocyclohexanes	400	NG/KG	0	0	0	0	0	0	0	0
DDT and derivatives	700	NG/KG	0	0	0	0	0	0	0	0
Chlordane + related cmpds.	700	NG/KG	0	0	0	0	0	0	0	0
Chlorinated Hydrocarbons	700	NG/KG	0	0	0	0	0	0	0	0

nd=not detected; NS=not sampled; NA=not analyzed

E=estimated value, value is less than the Method Detection Limit but confirmed by GC/MS-MS

POINT LOMA WASTEWATER TREATMENT PLANT
SEDIMENT ANNUAL Chlorinated Pesticide Analysis - STANDARD STATIONS

From 01-JAN-2005 To 31-DEC-2005

Analyte	MDL	Units	B-8 2005 Average	B-9 2005 Average	B-10 2005 Average	B-11 2005 Average	B-12 2005 Average	E-1 2005 Average	E-2 2005 Average	E-3 2005 Average
Aldrin	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
Dieldrin	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
BHC, Alpha isomer	400	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
BHC, Beta isomer	400	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
BHC, Gamma isomer	400	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
BHC, Delta isomer	400	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
p,p-DDD	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
p,p-DDE	400	NG/KG	ND	ND	ND	ND	ND	E400	<400	ND
p,-p-DDMU		NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
p,p-DDT	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
o,p-DDD	400	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
o,p-DDE	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
o,p-DDT	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor epoxide	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
Alpha (cis) Chlordane	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
Gamma (trans) Chlordane	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
Alpha Chlordene		NG/KG	NA	NA	NA	NA	NA	NA	NA	NA
Gamma Chlordene		NG/KG	NA	NA	NA	NA	NA	NA	NA	NA
Oxychlordane	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
Trans Nonachlor	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
Cis Nonachlor	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
Alpha Endosulfan	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
Beta Endosulfan	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan Sulfate	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
Endrin	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
Endrin aldehyde	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
Mirex	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
Methoxychlor	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
Aldrin + Dieldrin	700	NG/KG	0	0	0	0	0	0	0	0
Hexachlorocyclohexanes	400	NG/KG	0	0	0	0	0	0	0	0
DDT and derivatives	700	NG/KG	0	0	0	0	0	E400	<400	0
Chlordane + related cmpds.	700	NG/KG	0	0	0	0	0	0	0	0
Chlorinated Hydrocarbons	700	NG/KG	0	0	0	0	0	E400	<400	0

nd=not detected; NS=not sampled; NA=not analyzed

E=estimated value, value is less than the Method Detection Limit but confirmed by GC/MS-MS

POINT LOMA WASTEWATER TREATMENT PLANT
SEDIMENT ANNUAL Chlorinated Pesticide Analysis - STANDARD STATIONS

From 01-JAN-2005 To 31-DEC-2005

Analyte	MDL	Units	E-5 2005 Average	E-7 2005 Average	E-8 2005 Average	E-9 2005 Average	E-11 2005 Average	E-14 2005 Average	E-15 2005 Average	E-17 2005 Average
Aldrin	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
Dieldrin	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
BHC, Alpha isomer	400	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
BHC, Beta isomer	400	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
BHC, Gamma isomer	400	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
BHC, Delta isomer	400	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
p,p-DDD	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
p,p-DDE	400	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
p,-p-DDMU		NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
p,p-DDT	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
o,p-DDD	400	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
o,p-DDE	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
o,p-DDT	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor epoxide	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
Alpha (cis) Chlordane	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
Gamma (trans) Chlordane	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
Alpha Chlordene		NG/KG	NA	NA	NA	NA	NA	NA	NA	NA
Gamma Chlordene		NG/KG	NA	NA	NA	NA	NA	NA	NA	NA
Oxychlordane	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
Trans Nonachlor	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
Cis Nonachlor	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
Alpha Endosulfan	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
Beta Endosulfan	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan Sulfate	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
Endrin	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
Endrin aldehyde	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
Mirex	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
Methoxychlor	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
Aldrin + Dieldrin	700	NG/KG	0	0	0	0	0	0	0	0
Hexachlorocyclohexanes	400	NG/KG	0	0	0	0	0	0	0	0
DDT and derivatives	700	NG/KG	0	0	0	0	0	0	0	0
Chlordane + related cmpds.	700	NG/KG	0	0	0	0	0	0	0	0
Chlorinated Hydrocarbons	700	NG/KG	0	0	0	0	0	0	0	0

nd=not detected; NS=not sampled; NA=not analyzed

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POINT LOMA WASTEWATER TREATMENT PLANT
SEDIMENT ANNUAL Chlorinated Pesticide Analysis - STANDARD STATIONS

From 01-JAN-2005 To 31-DEC-2005

Analyte	MDL	Units	E-19 2005 Average	E-20 2005 Average	E-21 2005 Average	E-23 2005 Average	E-25 2005 Average	E-26 2005 Average
Aldrin	700	NG/KG	ND	ND	ND	ND	ND	ND
Dieldrin	700	NG/KG	ND	ND	ND	ND	ND	ND
BHC, Alpha isomer	400	NG/KG	ND	ND	ND	ND	ND	ND
BHC, Beta isomer	400	NG/KG	ND	ND	ND	ND	ND	ND
BHC, Gamma isomer	400	NG/KG	ND	ND	ND	ND	ND	ND
BHC, Delta isomer	400	NG/KG	ND	ND	ND	ND	ND	ND
p,p-DDD	700	NG/KG	ND	ND	ND	ND	ND	ND
p,p-DDE	400	NG/KG	ND	<400	E400	500	ND	ND
p,-p-DDMU		NG/KG	ND	ND	ND	ND	ND	ND
p,p-DDT	700	NG/KG	ND	ND	ND	ND	ND	ND
o,p-DDD	400	NG/KG	ND	ND	ND	ND	ND	ND
o,p-DDE	700	NG/KG	ND	ND	ND	ND	ND	ND
o,p-DDT	700	NG/KG	ND	ND	ND	ND	ND	ND
Heptachlor	700	NG/KG	ND	ND	ND	ND	ND	ND
Heptachlor epoxide	700	NG/KG	ND	ND	ND	ND	ND	ND
Alpha (cis) Chlordane	700	NG/KG	ND	ND	ND	ND	ND	ND
Gamma (trans) Chlordane	700	NG/KG	ND	ND	ND	ND	ND	ND
Alpha Chlordene		NG/KG	NA	NA	NA	NA	NA	NA
Gamma Chlordene		NG/KG	NA	NA	NA	NA	NA	NA
Oxychlordane	700	NG/KG	ND	ND	ND	ND	ND	ND
Trans Nonachlor	700	NG/KG	ND	ND	ND	ND	ND	ND
Cis Nonachlor	700	NG/KG	ND	ND	ND	ND	ND	ND
Alpha Endosulfan	700	NG/KG	ND	ND	ND	ND	ND	ND
Beta Endosulfan	700	NG/KG	ND	ND	ND	ND	ND	ND
Endosulfan Sulfate	700	NG/KG	ND	ND	ND	ND	ND	ND
Endrin	700	NG/KG	ND	ND	ND	ND	ND	ND
Endrin aldehyde	700	NG/KG	ND	ND	ND	ND	ND	ND
Mirex	700	NG/KG	ND	ND	ND	ND	ND	ND
Methoxychlor	700	NG/KG	ND	ND	ND	ND	ND	ND
Aldrin + Dieldrin	700	NG/KG	0	0	0	0	0	0
Hexachlorocyclohexanes	400	NG/KG	0	0	0	0	0	0
DDT and derivatives	700	NG/KG	0	<400	E400	500	0	0
Chlordane + related cmpds.	700	NG/KG	0	0	0	0	0	0
Chlorinated Hydrocarbons	700	NG/KG	0	<400	E400	500	0	0

nd=not detected; NS=not sampled; NA=not analyzed

E=estimated value, value is less than the Method Detection Limit but confirmed by GC/MS-MS

POINT LOMA WASTEWATER TREATMENT PLANT
SEDIMENT ANNUAL - PCB Congeners (STANDARD STATIONS)

From 01-JAN-2005 To 31-DEC-2005

Analyte	MDL	Units	A-2 2005 Avg	A-5 2005 Avg	A-8 2005 Avg	A-9 2005 Avg	A-15 2005 Avg	A-16 2005 Avg	B-3 2005 Avg	B-5 2005 Avg
PCB 18	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
PCB 28	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
PCB 52	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
PCB 49	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
PCB 44	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
PCB 37	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
PCB 74	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
PCB 70	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
PCB 66	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
PCB 101	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
PCB 99	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
PCB 119	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
PCB 87	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
PCB 110	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
PCB 81	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
PCB 151	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
PCB 77	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
PCB 149	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
PCB 123	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
PCB 118	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
PCB 114	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
PCB 105	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
PCB 138	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
PCB 158	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
PCB 187	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
PCB 183	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
PCB 126	1500	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
PCB 128	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
PCB 167	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
PCB 177	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
PCB 201	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
PCB 156	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
PCB 157	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
PCB 180	400	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
PCB 170	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
Total PCB's	1500	NG/KG	0	0	0	0	0	0	0	0

ND=not detected; NS=not sampled; NA=not analyzed

E=estimated value, value is less than the Method Detection Limit but confirmed by GC/MS-MS

POINT LOMA WASTEWATER TREATMENT PLANT
SEDIMENT ANNUAL - PCB Congeners (STANDARD STATIONS)

From 01-JAN-2005 To 31-DEC-2005

Analyte	MDL	Units	B-8 2005 Avg	B-9 2005 Avg	B-10 2005 Avg	B-11 2005 Avg	B-12 2005 Avg	E-1 2005 Avg	E-2 2005 Avg	E-3 2005 Avg
PCB 18	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
PCB 28	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
PCB 52	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
PCB 49	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
PCB 44	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
PCB 37	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
PCB 74	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
PCB 70	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
PCB 66	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
PCB 101	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
PCB 99	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
PCB 119	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
PCB 87	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
PCB 110	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	E700
PCB 81	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
PCB 151	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
PCB 77	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
PCB 149	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
PCB 123	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
PCB 118	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
PCB 114	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
PCB 105	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
PCB 138	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
PCB 158	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
PCB 187	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
PCB 183	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
PCB 126	1500	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
PCB 128	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
PCB 167	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
PCB 177	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
PCB 201	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
PCB 156	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
PCB 157	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
PCB 180	400	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
PCB 170	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
Total PCB's	1500	NG/KG	0	0	0	0	0	0	0	700

ND=not detected; NS=not sampled; NA=not analyzed

E=estimated value, value is less than the Method Detection Limit but confirmed by GC/MS-MS

POINT LOMA WASTEWATER TREATMENT PLANT
SEDIMENT ANNUAL - PCB Congeners (STANDARD STATIONS)

From 01-JAN-2005 To 31-DEC-2005

Analyte	MDL	Units	E-5 2005 Avg	E-7 2005 Avg	E-8 2005 Avg	E-9 2005 Avg	E-11 2005 Avg	E-14 2005 Avg	E-15 2005 Avg	E-17 2005 Avg
PCB 18	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
PCB 28	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
PCB 52	700	NG/KG	ND	ND	ND	1600	ND	ND	ND	ND
PCB 49	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
PCB 44	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
PCB 37	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
PCB 74	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
PCB 70	700	NG/KG	ND	ND	ND	1600	ND	ND	ND	ND
PCB 66	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
PCB 101	700	NG/KG	ND	ND	ND	1800	ND	ND	ND	ND
PCB 99	700	NG/KG	ND	ND	ND	<700	ND	ND	ND	ND
PCB 119	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
PCB 87	700	NG/KG	ND	ND	ND	<700	ND	ND	ND	ND
PCB 110	700	NG/KG	ND	ND	ND	1400	ND	ND	ND	ND
PCB 81	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
PCB 151	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
PCB 77	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
PCB 149	700	NG/KG	ND	ND	ND	E900	ND	ND	ND	ND
PCB 123	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
PCB 118	700	NG/KG	ND	ND	ND	750	ND	ND	ND	ND
PCB 114	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
PCB 105	700	NG/KG	ND	ND	ND	<700	ND	ND	ND	ND
PCB 138	700	NG/KG	ND	ND	ND	1000	ND	ND	ND	ND
PCB 158	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
PCB 187	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
PCB 183	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
PCB 126	1500	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
PCB 128	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
PCB 167	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
PCB 177	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
PCB 201	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
PCB 156	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
PCB 157	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
PCB 180	400	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
PCB 170	700	NG/KG	ND	ND	ND	ND	ND	ND	ND	ND
Total PCB's	1500	NG/KG	0	0	0	9050	0	0	0	0

ND=not detected; NS=not sampled; NA=not analyzed

E=estimated value, value is less than the Method Detection Limit but confirmed by GC/MS-MS

POINT LOMA WASTEWATER TREATMENT PLANT
SEDIMENT ANNUAL - PCB Congeners (STANDARD STATIONS)

From 01-JAN-2005 To 31-DEC-2005

Analyte	MDL	Units	E-19 2005 Avg	E-20 2005 Avg	E-21 2005 Avg	E-23 2005 Avg	E-25 2005 Avg	E-26 2005 Avg
PCB 18	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 28	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 52	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 49	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 44	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 37	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 74	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 70	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 66	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 101	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 99	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 119	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 87	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 110	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 81	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 151	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 77	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 149	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 123	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 118	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 114	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 105	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 138	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 158	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 187	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 183	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 126	1500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 128	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 167	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 177	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 201	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 156	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 157	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 180	400	NG/KG	ND	ND	ND	ND	ND	ND
PCB 170	700	NG/KG	ND	ND	ND	ND	ND	ND
Total PCB's	1500	NG/KG	0	0	0	0	0	0

ND=not detected; NS=not sampled; NA=not analyzed

E=estimated value, value is less than the Method Detection Limit but confirmed by GC/MS-MS

POINT LOMA WASTEWATER TREATMENT PLANT
SEDIMENT ANNUAL Base/Neutrals - Standard Stations

From 01-JAN-2005 to 31-DEC-2005

Analyte	MDL	Units	A-2 2005 Avg	A-5 2005 Avg	A-8 2005 Avg	A-9 2005 Avg	A-15 2005 Avg	A-16 2005 Avg	B-3 2005 Avg	B-5 2005 Avg	B-8 2005 Avg	B-9 2005 Avg	B-10 2005 Avg	B-11 2005 Avg	B-12 2005 Avg
Acenaphthene	28	UG/KG	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	15	UG/KG	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	18	UG/KG	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo[A]anthracene	34	UG/KG	<34	E34	E34	E34	E34	E34	<34	E34	E34	<34	E34	ND	ND
Benzo[A]pyrene	55	UG/KG	<55	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,4-benzo(B)fluoranthene	63	UG/KG	<63	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo[e]pyrene	57	UG/KG	<57	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo[G,H,I]perylene	56	UG/KG	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo[K]fluoranthene	82	UG/KG	<82	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Biphenyl	89	UG/KG	<89	E89	E89	E89	E89	E89	E89	E89	E89	<89	E89	<89	<89
Chrysene	36	UG/KG	<36	E36	E36	E36	E36	ND	<36	E36	ND	<36	ND	ND	ND
Dibenzo(A,H)anthracene	52	UG/KG	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-dimethylnaphthalene	106	UG/KG	<106	E106	E106	E106	E106	E106	<106	E106	E106	<106	E106	<106	<106
Fluoranthene	24	UG/KG	<24	E24	E24	E24	E24	E24	<24	E24	E24	<24	E24	<24	ND
Fluorene	18	UG/KG	<18	E18	E18	E18	E18	E18	<18	E18	E18	<18	E18	<18	ND
Indeno(1,2,3-CD)pyrene	76	UG/KG	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-methylphenanthrene	41	UG/KG	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-methylnaphthalene	102	UG/KG	<102	E102	E102	E102	E102	E102	<102	E102	E109	<102	E102	<102	<102
1-methylnaphthalene	70	UG/KG	<70	E70	E70	E70	E70	E70	<70	E70	E70	<70	E70	<70	<70
Naphthalene	21	UG/KG	36	39	33	35	36	42	50	50	73	34	43	49	27
Perylene	58	UG/KG	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	32	UG/KG	ND	E32	ND	ND	E32	E32	<32	E32	33	<32	E32	E33	ND
Pyrene	35	UG/KG	<35	E35	E35	E35	35	E35	<35	E35	E35	<35	E35	<35	<35
2,3,5-trimethylnaphthalene	134	UG/KG	ND	ND	ND	ND	ND	ND	ND	ND	ND	<134	ND	ND	ND
Base/Neutral Compounds	134	UG/KG	36	585	547	549	582	552	139	596	591	34	553	82	27

Analyte	MDL	Units	E-1 2005 Avg	E-2 2005 Avg	E-3 2005 Avg	E-5 2005 Avg	E-7 2005 Avg	E-8 2005 Avg	E-9 2005 Avg	E-11 2005 Avg	E-14 2005 Avg	E-15 2005 Avg	E-17 2005 Avg	E-19 2005 Avg	E-20 2005 Avg
Acenaphthene	28	UG/KG	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	15	UG/KG	<11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	18	UG/KG	<14	<18	ND	<18	ND	ND	1290	<18	ND	ND	ND	ND	<18
Benzo[A]anthracene	34	UG/KG	46	E35	47	<34	E34	<34	957	<34	<34	E34	<34	ND	<34
Benzo[A]pyrene	55	UG/KG	ND	<55	ND	ND	ND	ND	727	ND	ND	ND	ND	ND	ND
3,4-benzo(B)fluoranthene	63	UG/KG	<63	<63	ND	ND	ND	ND	944	ND	ND	ND	ND	ND	ND
Benzo[e]pyrene	57	UG/KG	ND	<57	ND	ND	ND	ND	396	ND	ND	ND	ND	ND	ND
Benzo[G,H,I]perylene	56	UG/KG	ND	<56	ND	ND	ND	ND	209	ND	ND	ND	ND	ND	ND
Benzo[K]fluoranthene	82	UG/KG	ND	<82	ND	ND	ND	ND	402	ND	ND	ND	ND	ND	ND
Biphenyl	89	UG/KG	<89	<89	E89	<89	E89	<89	E89	<89	<89	E89	<89	E89	<89
Chrysene	36	UG/KG	<36	<36	E36	<36	E36	<36	1490	<36	<36	ND	<36	ND	<36
Dibenzo(A,H)anthracene	52	UG/KG	ND	ND	ND	ND	ND	ND	124	ND	ND	ND	ND	ND	ND
2,6-dimethylnaphthalene	106	UG/KG	<106	<106	E106	<106	E106	<106	E106	<106	<106	E106	<106	E106	<106
Fluoranthene	24	UG/KG	42	<24	39	<24	E24	<24	1000	<24	ND	ND	<24	E24	<24
Fluorene	18	UG/KG	<18	ND	ND	<18	E18	ND	58	<18	<18	E18	<18	E18	<18
Indeno(1,2,3-CD)pyrene	76	UG/KG	ND	<76	ND	ND	ND	ND	290	ND	ND	ND	ND	ND	ND
1-methylphenanthrene	41	UG/KG	ND	ND	ND	ND	ND	ND	E41	ND	ND	ND	ND	ND	ND
2-methylnaphthalene	102	UG/KG	<102	<102	E102	<102	E102	<102	E102	<102	<102	E102	<102	E102	<102
1-methylnaphthalene	70	UG/KG	<70	<70	E70	<70	E70	<70	E70	<70	<70	E70	<70	E70	<70
Naphthalene	21	UG/KG	29	24	25	33	40	E24	36	22	<21	E21	24	26	E24
Perylene	58	UG/KG	ND	<58	ND	ND	ND	<58	263	<58	<58	ND	ND	ND	ND
Phenanthrene	32	UG/KG	E41	<32	E32	<32	ND	ND	166	<32	ND	ND	<32	ND	ND
Pyrene	35	UG/KG	63	<35	72	<35	E35	<35	1400	<35	<35	ND	<35	ND	<35
2,3,5-trimethylnaphthalene	134	UG/KG	ND	<134	ND	ND	ND	<134	ND	<134	ND	ND	<134	ND	<134
Base/Neutral Compounds	134	UG/KG	221	59	618	33	554	24	10160	22	0	440	24	435	24

nd=not detected; NS=not sampled; NA=not analyzed

POINT LOMA WASTEWATER TREATMENT PLANT
SEDIMENT ANNUAL Base/Neutrals - Standard Stations

From 01-JAN-2005 to 31-DEC-2005

Analyte	MDL	Units	E-21 2005 Avg	E-23 2005 Avg	E-25 2005 Avg	E-26 2005 Avg
Acenaphthene	28	UG/KG	ND	ND	ND	ND
Acenaphthylene	15	UG/KG	ND	ND	ND	ND
Anthracene	18	UG/KG	ND	<18	ND	ND
Benzo[A]anthracene	34	UG/KG	E34	<34	<34	<34
Benzo[A]pyrene	55	UG/KG	ND	ND	ND	ND
3,4-benzo(B)fluoranthene	63	UG/KG	ND	ND	ND	ND
Benzo[e]pyrene	57	UG/KG	ND	ND	ND	ND
Benzo[G,H,I]perylene	56	UG/KG	ND	ND	ND	ND
Benzo[K]fluoranthene	82	UG/KG	ND	ND	ND	ND
Biphenyl	89	UG/KG	E89	<89	<89	<89
Chrysene	36	UG/KG	ND	<36	<36	ND
Dibenzo(A,H)anthracene	52	UG/KG	ND	ND	ND	ND
2,6-dimethylnaphthalene	106	UG/KG	E106	<106	<106	<106
Fluoranthene	24	UG/KG	ND	<24	<24	<24
Fluorene	18	UG/KG	E18	<18	<18	<18
Indeno(1,2,3-CD)pyrene	76	UG/KG	ND	ND	ND	ND
1-methylphenanthrene	41	UG/KG	ND	ND	ND	ND
2-methylnaphthalene	102	UG/KG	E102	<102	<102	<102
1-methylnaphthalene	70	UG/KG	E70	<70	<70	<70
Naphthalene	21	UG/KG	E21	22	24	27
Perylene	58	UG/KG	ND	ND	ND	<58
Phenanthrene	32	UG/KG	ND	ND	<32	ND
Pyrene	35	UG/KG	ND	<35	<35	<35
2,3,5-trimethylnaphthalene	134	UG/KG	ND	ND	<134	<134
Base/Neutral Compounds	134	UG/KG	440	22	24	27

nd=not detected; NS=not sampled; NA=not analyzed

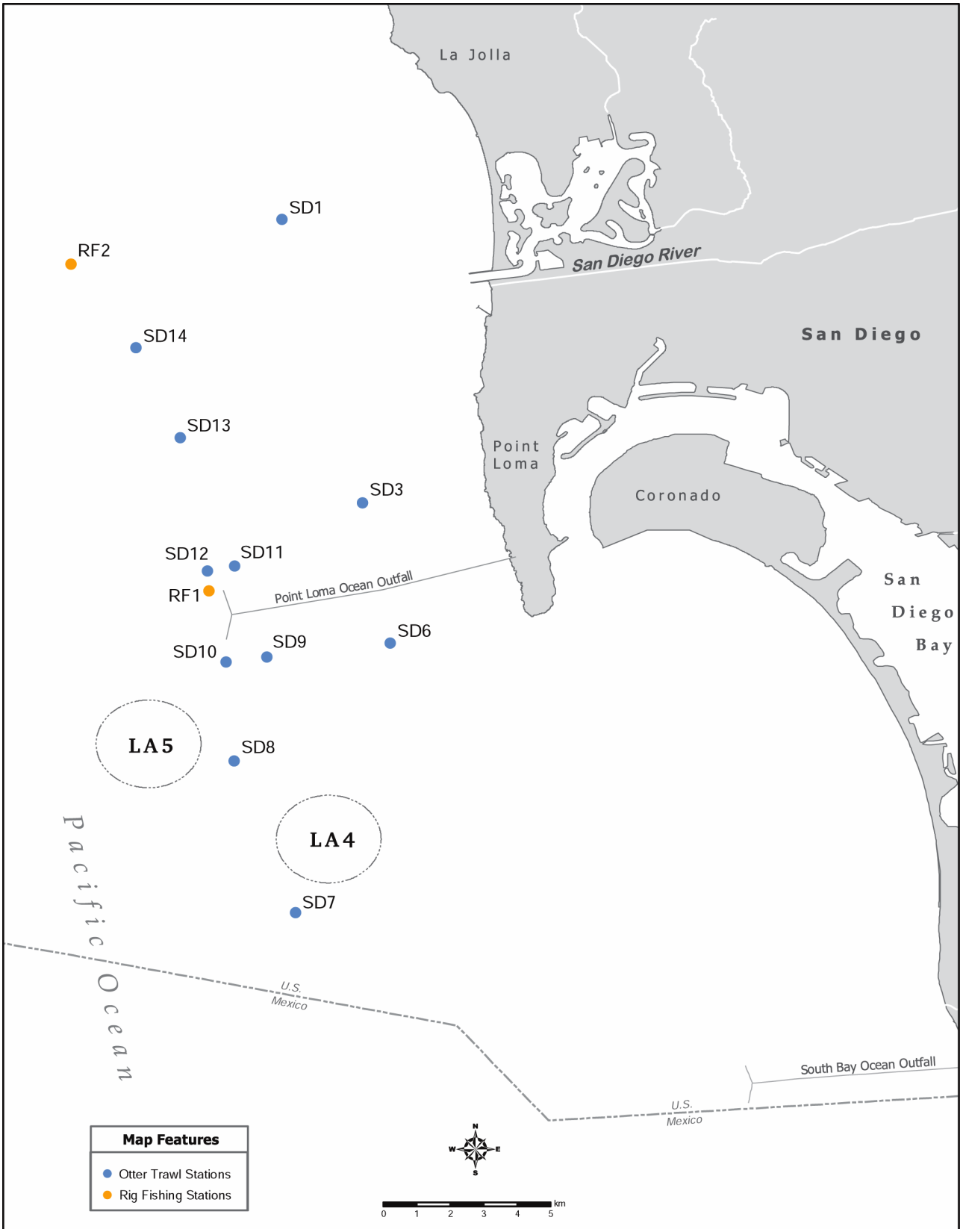
B. Fish Tissue Data.

Fish were taken from the stations shown in the below tables during 2004. The fish were dissected, preserved by freezing, and each sample analyzed for PAHs, trace metals, chlorinated pesticides and PCBs. Lipids and total solids were also determined for each liver sample.

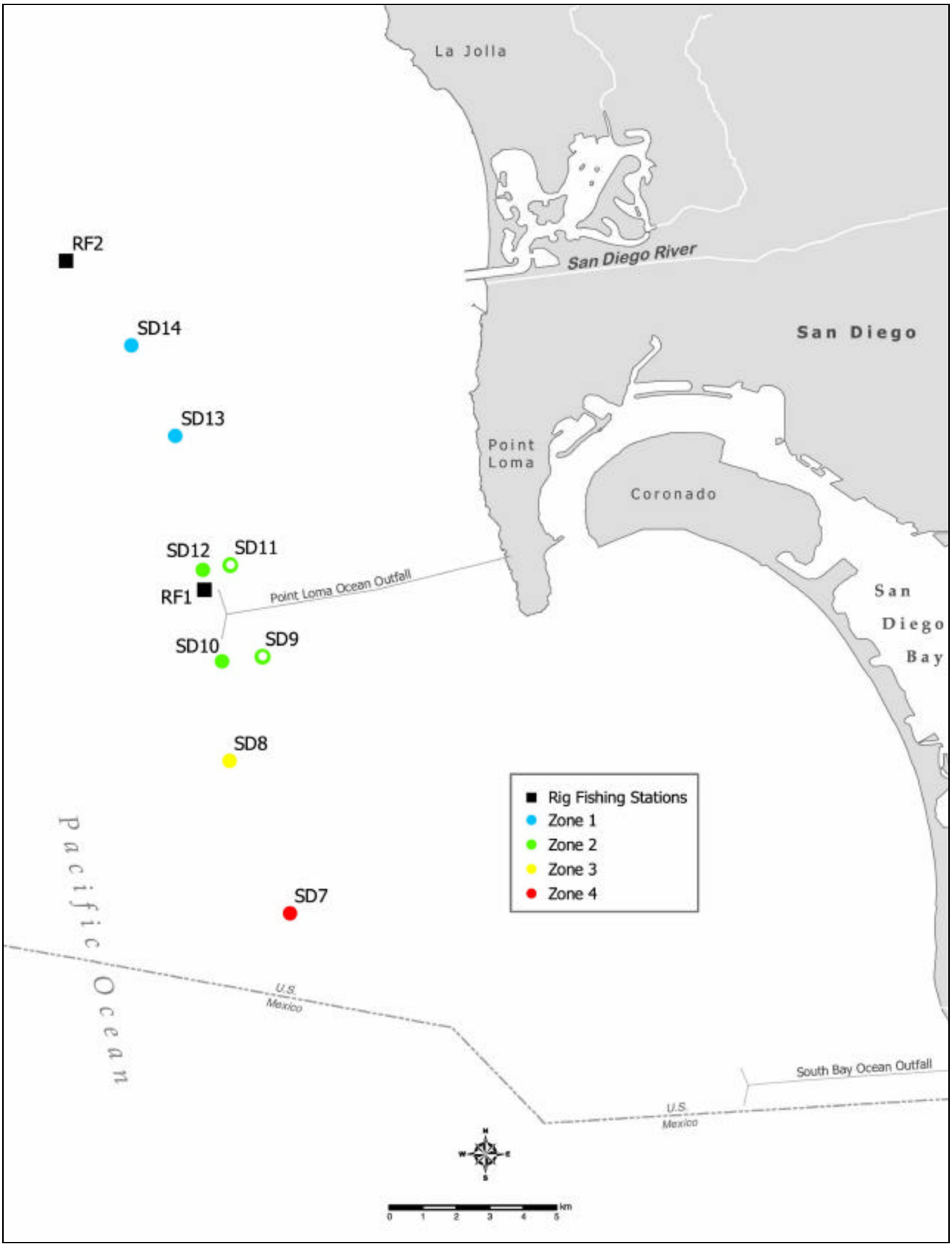
The reported values are annual averages. Results for individual sampling events are contained in the previously published quarterly reports.

Fish sampling stations, 2004

Station	Matrix
RF-1	FISH_MUSCLE
RF-2	FISH_MUSCLE
RF-4	FISH_MUSCLE
TFZONE1 (SD-10 & 12)	FISH_LIVER
TFZONE2 (SD-13 & 14)	FISH_LIVER
TFZONE3 (SD-8)	FISH_LIVER
TFZONE4 (SD-7)	FISH_LIVER



San Diego Rig Fishing and Trawl Stations



New Trawl Stations representing zones (i.e. TFZONE1 through TFZONE4).

POINT LOMA WASTEWATER TREATMENT PLANT
ANNUAL FISH TISSUE - LIVER
Trace Metals

From: 01-JAN-2005 to: 31-DEC-2005

Source:			SD-17	SD-18	SD-19	SD-20	SD-21	TFZONE1	TFZONE2
Date:			2005	2005	2005	2005	2005	2005	2005
Analyte:	MDL	Units	Average	Average	Average	Average	Average	Average	Average
Aluminum	.583	MG/KG	7.88	8.26	7.64	7.78	8.26	7.05	7.41
Antimony	.478	MG/KG	<0.48	<0.48	<0.48	ND	<0.48	ND	ND
Arsenic	.375	MG/KG	8.47	4.86	9.27	4.35	5.52	5.85	5.11
Beryllium	.00297	MG/KG	ND	ND	ND	ND	ND	ND	ND
Cadmium	.0288	MG/KG	2.68	1.73	3.11	3.46	2.17	3.29	2.20
Chromium	.0804	MG/KG	0.22	0.23	0.15	0.19	0.22	0.53	0.33
Copper	.0684	MG/KG	8.95	11.50	8.91	6.23	8.21	4.48	3.02
Iron	.0958	MG/KG	111	150	125	73	103	67	48
Lead	.3	MG/KG	0.41	0.43	0.43	0.44	<0.30	0.74	0.66
Manganese	.00712	MG/KG	1.01	0.93	1.12	1.11	1.25	0.67	0.77
Mercury	.03	MG/KG	0.103	0.072	0.123	0.122	0.125	0.039	<0.030
Nickel	.0939	MG/KG	<0.09	<0.09	<0.09	<0.09	<0.09	<0.09	<0.09
Selenium	.06	MG/KG	1.01	0.88	0.96	0.83	0.82	0.62	0.53
Silver	.0568	MG/KG	0.24	0.30	0.24	0.19	0.15	ND	ND
Thallium	.845	MG/KG	1.97	2.11	2.24	1.58	2.15	5.74	5.86
Tin	.24	MG/KG	0.35	0.34	0.31	0.36	0.32	ND	<0.24
Zinc	.0487	MG/KG	46.1	70.7	47.1	62.0	45.0	17.5	18.7
Total Solids	.4	WT%	31.6	33.9	32.1	28.8	33.6	58.5	57.1

Source:			TFZONE3	TFZONE4
Date:			2005	2005
Analyte:	MDL	Units	Average	Average
Aluminum	.583	MG/KG	6.67	4.47
Antimony	.478	MG/KG	0.86	0.95
Arsenic	.375	MG/KG	4.99	5.62
Beryllium	.00297	MG/KG	ND	ND
Cadmium	.0288	MG/KG	5.34	6.83
Chromium	.0804	MG/KG	1.10	0.37
Copper	.0684	MG/KG	3.10	6.02
Iron	.0958	MG/KG	61	77
Lead	.3	MG/KG	1.24	0.81
Manganese	.00712	MG/KG	1.06	0.85
Mercury	.03	MG/KG	0.062	<0.030
Nickel	.0939	MG/KG	0.51	0.19
Selenium	.06	MG/KG	0.66	0.68
Silver	.0568	MG/KG	ND	ND
Thallium	.845	MG/KG	5.86	5.58
Tin	.24	MG/KG	ND	ND
Zinc	.0487	MG/KG	21.1	19.3
Total Solids	.4	WT%	54.4	59.2

nd= not detected
NA= not analyzed
NS= not sampled

POINT LOMA WASTEWATER TREATMENT PLANT
TISSUE - Chlorinated Pesticides
From 01-JAN-2005 To 31-DEC-2005

FISH - Lipids & Total Solids

Tissue	Analyte	MDL	Units	RF-1 2005 Avg	RF-2 2005 Avg	TFZONE1 2005 Avg	TFZONE2 2005 Avg	TFZONE3 2005 Avg	TFZONE4 2005 Avg
Liver	Lipids	.005	WT%			47.4	46.6	48.0	52.1
Liver	Total Solids	.4	WT%			58.5	57.1	54.4	59.2
Muscle	Lipids	.005	WT%	1.91	2.08				
Muscle	Total Solids	.4	WT%	21.9	22.8				

ND= not detected
NA= not analyzed
NS= not sampled

POINT LOMA WASTEWATER TREATMENT PLANT
ANNUAL FISH LIVER - Chlorinated Pesticides
From 01-JAN-2005 To 31-DEC-2005

FISH LIVER

Analyte	MDL	Units	TFZONE1 2005 Avg	TFZONE2 2005 Avg	TFZONE3 2005 Avg	TFZONE4 2005 Avg
Hexachlorobenzene	13.3	UG/KG	E3.2	E3.0	E3.3	E3.8
BHC, Gamma isomer	167	UG/KG	ND	ND	ND	ND
Heptachlor	33.3	UG/KG	ND	ND	ND	ND
Aldrin		UG/KG	ND	ND	ND	ND
Heptachlor epoxide	100	UG/KG	ND	ND	ND	ND
o,p-DDE	13.3	UG/KG	E3.1	E2.1	E2.6	E3.4
Alpha Endosulfan	167	UG/KG	ND	ND	ND	ND
Alpha (cis) Chlordane	13.3	UG/KG	E6.4	E4.4	E4.9	E6.9
Trans Nonachlor	13.3	UG/KG	E7.0	E4.6	E5.8	E8.4
p,p-DDE	13.3	UG/KG	270.0	193.0	320.0	390.0
p,-p-DDMU	13.3	UG/KG	<13.3	E8.3	E11.0	E14.3
Dieldrin	13.3	UG/KG	ND	ND	ND	ND
o,p-DDD	13.3	UG/KG	<13.3	ND	ND	ND
Endrin	13.3	UG/KG	ND	ND	ND	ND
o,p-DDT	13.3	UG/KG	E2.1	E1.4	E1.8	E2.7
p,p-DDD	13.3	UG/KG	E8.0	E5.5	E7.0	E7.5
p,p-DDT	13.3	UG/KG	E7.4	E3.7	E5.5	E7.8
Mirex	13.3	UG/KG	ND	ND	ND	ND

ND= not detected
NA= not analyzed
NS= not sampled

E=estimated value, value is less than the Method Detection Limit but confirmed by GC/MS-MS

Note: Standards for alpha and gamma chlordene are no longer available in the U.S. for the analysis of these compounds.

POINT LOMA WASTEWATER TREATMENT PLANT
ANNUAL FISH MUSCLE - Chlorinated Pesticides

From 01-JAN-2005 To 31-DEC-2005

Analyte	MDL	Units	RF-1 2005 Avg	RF-2 2005 Avg
Hexachlorobenzene	1.33	UG/KG	<1.3	E0.1
BHC, Gamma isomer	3.33	UG/KG	ND	ND
Heptachlor	3.33	UG/KG	ND	ND
Aldrin	6.67	UG/KG	ND	ND
Heptachlor epoxide	6.67	UG/KG	ND	ND
o,p-DDE	1.33	UG/KG	<1.3	<1.3
Alpha Endosulfan	33	UG/KG	ND	ND
Alpha (cis) Chlordane	2	UG/KG	<2.0	<2.0
Trans Nonachlor	2	UG/KG	<2.0	<2.0
p,p-DDE	1.33	UG/KG	23.9	9.8
p,-p-DDMU	1.33	UG/KG	<1.3	<1.3
Dieldrin	1.33	UG/KG	ND	ND
o,p-DDD	1.33	UG/KG	ND	ND
Endrin	1.33	UG/KG	ND	ND
o,p-DDT	1.33	UG/KG	<1.3	<1.3
p,p-DDD	1.33	UG/KG	E0.5	E0.3
p,p-DDT	1.33	UG/KG	<1.3	E0.3
Mirex	1.33	UG/KG	ND	ND

ND= not detected
NA= not analyzed
NS= not sampled

E=estimated value, value is less than the Method Detection Limit but confirmed by GC/MS-MS

Note: Standards for alpha and gamma chlordene are no longer available in the U.S. for the analysis of these compounds.

POINT LOMA WASTEWATER TREATMENT PLANT
ANNUAL FISH MUSCLE - Analysis of Poly Aromatic Hydrocarbon (PAH)
From 01-JAN-2005 to 31-DEC-2005

Analyte	MDL	Units	RF-3 2005 Avg	RF-4 2005 Avg
Acenaphthene	30	UG/KG	ND	ND
Acenaphthylene	30	UG/KG	ND	ND
Anthracene	30	UG/KG	ND	ND
Benzo[A]anthracene	30	UG/KG	ND	ND
Benzo[A]pyrene	30	UG/KG	ND	ND
3,4-benzo(B)fluoranthene	30	UG/KG	ND	ND
Benzo[e]pyrene	30	UG/KG	ND	ND
Benzo[G,H,I]perylene	30	UG/KG	ND	ND
Benzo[K]fluoranthene	30	UG/KG	ND	ND
Biphenyl	30	UG/KG	ND	ND
Chrysene	30	UG/KG	ND	ND
Dibenzo(A,H)anthracene	30	UG/KG	ND	ND
2,6-dimethylnaphthalene	30	UG/KG	ND	ND
Fluoranthene	30	UG/KG	ND	ND
Fluorene	30	UG/KG	ND	ND
Indeno(1,2,3-CD)pyrene	30	UG/KG	ND	ND
1-methylnaphthalene	30	UG/KG	ND	ND
2-methylnaphthalene	30	UG/KG	ND	ND
1-methylphenanthrene	30	UG/KG	ND	ND
Naphthalene	30	UG/KG	ND	ND
Perylene	30	UG/KG	ND	ND
Phenanthrene	30	UG/KG	ND	ND
Pyrene	30	UG/KG	ND	ND
2,3,5-trimethylnaphthalene	30	UG/KG	ND	ND

nd= not detected
NA= not analyzed
NS= not sampled

POINT LOMA WASTEWATER TREATMENT PLANT
ANNUAL FISH LIVER - Analysis of Poly Chlorinated Biphenyls
From 01-JAN-2005 To 31-DEC-2005

Analyte	MDL	Units	TFZONE1 2005 Avg	TFZONE2 2005 Avg	TFZONE3 2005 Avg	TFZONE4 2005 Avg
PCB 18	33.3	UG/KG	<33.3	ND	<33.3	ND
PCB 28	13.3	UG/KG	E1.1	E0.6	E0.9	E0.8
PCB 49	13.3	UG/KG	E3.4	E1.3	E2.6	E2.4
PCB 37	13.3	UG/KG	ND	ND	ND	ND
PCB 70	13.3	UG/KG	E2.2	E1.2	E2.0	E2.2
PCB 101	13.3	UG/KG	<13.3	E4.4	E8.7	E10.0
PCB 119	13.3	UG/KG	<13.3	ND	E0.5	<13.3
PCB 87	13.3	UG/KG	E2.8	E1.5	E2.5	E2.7
PCB 110	13.3	UG/KG	E9.0	E4.1	E9.2	E7.9
PCB 151	13.3	UG/KG	E4.6	E2.1	E4.7	E4.3
PCB 77	13.3	UG/KG	ND	ND	ND	ND
PCB 149	13.3	UG/KG	E8.4	E4.0	E7.9	E7.3
PCB 123	13.3	UG/KG	E1.9	E1.0	E2.0	E2.4
PCB 118	13.3	UG/KG	E14.2	E6.4	E16.7	E15.7
PCB 114	13.3	UG/KG	ND	ND	ND	ND
PCB 153/168	13.3	UG/KG	37.7	E16.8	40.0	46.3
PCB 105	13.3	UG/KG	E5.0	E2.4	E5.3	E5.5
PCB 138	13.3	UG/KG	21.7	E9.8	24.3	27.3
PCB 158	13.3	UG/KG	E1.7	E0.9	E2.4	E2.3
PCB 187	13.3	UG/KG	E14.0	E6.9	E15.7	E16.7
PCB 183	13.3	UG/KG	E4.1	E2.2	E5.2	E5.6
PCB 126	13.3	UG/KG	ND	ND	ND	ND
PCB 128	13.3	UG/KG	E4.8	E2.4	E5.6	E5.9
PCB 167	13.3	UG/KG	E1.5	E0.6	E1.6	E1.6
PCB 177	13.3	UG/KG	E3.5	E1.9	E3.3	E3.7
PCB 156	13.3	UG/KG	<13.3	E1.5	E3.1	E2.8
PCB 157	13.3	UG/KG	<13.3	ND	<13.3	<13.3
PCB 180	13.3	UG/KG	E14.9	E7.9	E17.3	E19.0
PCB 170	13.3	UG/KG	E5.6	E3.3	E6.4	E7.4
PCB 169	13.3	UG/KG	ND	ND	ND	ND
PCB 189	13.3	UG/KG	ND	ND	ND	ND
PCB 194	13.3	UG/KG	E3.8	E2.3	E4.2	E4.4
PCB 206	13.3	UG/KG	E2.3	E1.5	E2.6	E2.6

ND= not detected
NA= not analyzed
NS= not sampled

E=estimated value, value is less than the Method Detection Limit but confirmed by GC/MS-MS

POINT LOMA WASTEWATER TREATMENT PLANT
ANNUAL FISH MUSCLE - Analysis of Poly Chlorinated Biphenyls
From 01-JAN-2005 To 31-DEC-2005

Analyte	MDL	Units	RF-1 2005 Avg	RF-2 2005 Avg
PCB 18	1.33	UG/KG	ND	ND
PCB 28	1.33	UG/KG	<1.3	ND
PCB 49	1.33	UG/KG	<1.3	<1.3
PCB 37	1.33	UG/KG	ND	ND
PCB 70	1.33	UG/KG	<1.3	ND
PCB 101	1.33	UG/KG	<1.3	E0.2
PCB 119	1.33	UG/KG	ND	ND
PCB 87	1.33	UG/KG	<1.3	ND
PCB 110	1.33	UG/KG	<1.3	E0.2
PCB 151	1.33	UG/KG	<1.3	<1.3
PCB 77	1.33	UG/KG	ND	ND
PCB 149	1.33	UG/KG	<1.3	E0.2
PCB 123	1.33	UG/KG	<1.3	ND
PCB 118	1.33	UG/KG	<1.3	E0.3
PCB 114	1.33	UG/KG	ND	ND
PCB 153/168	1.33	UG/KG	E2.5	E0.5
PCB 105	1.33	UG/KG	<1.3	E0.1
PCB 138	1.33	UG/KG	E1.5	E0.3
PCB 158	1.33	UG/KG	<1.3	ND
PCB 187	1.33	UG/KG	<1.3	<1.3
PCB 183	1.33	UG/KG	<1.3	<1.3
PCB 126	1.33	UG/KG	ND	ND
PCB 128	1.33	UG/KG	<1.3	<1.3
PCB 167	1.33	UG/KG	<1.3	ND
PCB 177	1.33	UG/KG	<1.3	<1.3
PCB 156	1.33	UG/KG	<1.3	ND
PCB 157	1.33	UG/KG	<1.3	ND
PCB 180	1.33	UG/KG	<1.3	E0.2
PCB 170	1.33	UG/KG	<1.3	<1.3
PCB 169	1.33	UG/KG	ND	ND
PCB 189	1.33	UG/KG	ND	ND
PCB 194	1.33	UG/KG	<1.3	ND
PCB 206	1.33	UG/KG	<1.3	ND

ND= not detected
NA= not analyzed
NS= not sampled

E=estimated value, value is less than the Method Detection Limit but confirmed by GC/MS-MS

C. Sediment Mapping Study

Although sampling occurred in 2004, analyses were not completed until recently. This report includes the chemistries for the marine sediment quality characterization studies. This report is not comprehensive; a comprehensive report will be issued under separate cover.

The following determinations were made for this study;

- total and volatile solids.
- grain size
- total organic carbon/total nitrogen
- metals7
- Chlorinated pesticides
- PCB congeners

Please note that a significant number of the historically used sample stations (e.g. A-9, A-15, A-16, B-3, B-9, etc.) were included in this study.

Sediment Mapping Project – 2004
Stations

A-15	SM001	SM031	SM061	SM091	SM121
A-15 DUP	SM002	SM032	SM062	SM092	SM122
A-16	SM003	SM033	SM063	SM093	SM123
A-16 DUP	SM004	SM034	SM064	SM094	SM124
A-2	SM005	SM035	SM065	SM095	SM125
A-2 DUP	SM006	SM036	SM066	SM096	SM126
A-5	SM007	SM037	SM067	SM097	SM127
A-5 DUP	SM008	SM038	SM068	SM098	SM128
A-8	SM009	SM039	SM069	SM099	SM129
A-9	SM010	SM040	SM070	SM100	SM130
B-3	SM011	SM041	SM071	SM101	SM131
B-5	SM012	SM042	SM072	SM102	SM132
B-9 DUP	SM013	SM043	SM073	SM103	SM133
E-14 DUP	SM014	SM044	SM074	SM104	SM134
E-20 DUP	SM015	SM045	SM075	SM105	SM135
E-25 DUP	SM016	SM046	SM076	SM106	SM136
E-3	SM017	SM047	SM077	SM107	SM137
E-3 DUP	SM018	SM048	SM078	SM109	SM138
E-5 DUP	SM019	SM049	SM079	SM110	SM139
I-1 DUP	SM020	SM050	SM080	SM111	SM141
I-12 DUP	SM021	SM051	SM081	SM112	SM142
I-13 DUP	SM022	SM052	SM082	SM113	SM143
I-15 DUP	SM023	SM053	SM083	SM114	SM144
I-28 DUP	SM024	SM054	SM084	SM115	SM145
I-30 DUP	SM025	SM055	SM085	SM116	SM146
I-8 DUP	SM026	SM056	SM086	SM117	SM147

7 Metals including aluminum, antimony, arsenic, barium, beryllium, cadmium, chromium, copper, iron, lead, manganese, mercury, nickel, selenium, silver, thallium, tin, and zinc.

I-9 DUP	SM027	SM057	SM087	SM118	SM148
	SM028	SM058	SM088	SM119	SM149
	SM028 DUP	SM059	SM089	SM120	SM150
	SM029	SM060			SM151
	SM030				SM152

Sediment Mapping
Total Volatile Solids
Units=WT%

Sample Id	Source	Sample Date	Value
P269115	A-15	17-Aug-04	3.09
P269116	A-15 DUP	17-Aug-04	2.97
P269117	A-16	17-Aug-04	68.2
P269118	A-16 DUP	17-Aug-04	3.06
P269109	A-2	17-Aug-04	3.08
P269110	A-2 DUP	17-Aug-04	2.96
P269111	A-5	17-Aug-04	3.32
P269112	A-5 DUP	17-Aug-04	3.19
P268095	A-8	10-Aug-04	2.59
P269114	A-9	17-Aug-04	3.13
P268256	B-3	11-Aug-04	2.69
P268258	B-5	11-Aug-04	4.38
P264553	B-9 DUP	14-Jul-04	2.6
P264741	E-14 DUP	16-Jul-04	2.27
P264693	E-20 DUP	16-Jul-04	2.03
P264696	E-25 DUP	16-Jul-04	2.39
P267114	E-3	02-Aug-04	2.09
P267115	E-3 DUP	02-Aug-04	1.87
P264559	E-5 DUP	14-Jul-04	2.05
P262849	I-1 DUP	01-Jul-04	1.04
P263386	I-12 DUP	06-Jul-04	0.63
P263390	I-13 DUP	06-Jul-04	0.6
P263392	I-15 DUP	06-Jul-04	1.23
P263902	I-28 DUP	12-Jul-04	1.81
P264502	I-30 DUP	13-Jul-04	1.29
P263396	I-8 DUP	06-Jul-04	0.66
P262853	I-9 DUP	01-Jul-04	1.2
P268573	SM001	16-Aug-04	5.9
P268190	SM002	11-Aug-04	3.53
P268576	SM003	16-Aug-04	2.45
P268578	SM004	16-Aug-04	2.56
P269058	SM005	17-Aug-04	1.91
P268586	SM006	16-Aug-04	4.09
P268580	SM007	16-Aug-04	2.21
P268588	SM008	16-Aug-04	2.72
P268587	SM009	16-Aug-04	2.74
P268582	SM010	16-Aug-04	2.39
P268581	SM011	16-Aug-04	2.46
P268579	SM012	16-Aug-04	2.58
P268577	SM013	16-Aug-04	2.64
P268574	SM014	16-Aug-04	2.72
P268575	SM015	16-Aug-04	3.26
P268192	SM016	11-Aug-04	3.31
P268034	SM017	10-Aug-04	2.47
P268037	SM018	10-Aug-04	2.44
P268039	SM019	10-Aug-04	4.19
P268194	SM020	11-Aug-04	3.47
P268200	SM021	11-Aug-04	3.27
P268041	SM022	10-Aug-04	2.66
P268047	SM023	10-Aug-04	2.93
P268199	SM024	11-Aug-04	3.39
P268196	SM025	11-Aug-04	3.45
P268195	SM026	11-Aug-04	3.27
P268193	SM027	11-Aug-04	2.88
P268191	SM028	11-Aug-04	3.62
P268188	SM028 DUP	11-Aug-04	3.56
P268189	SM029	11-Aug-04	3.23
P268046	SM030	10-Aug-04	6.17
P268043	SM031	10-Aug-04	2.96
P268042	SM032	10-Aug-04	2.79
P268040	SM033	10-Aug-04	1.76
P268038	SM034	10-Aug-04	2.15
P268035	SM035	10-Aug-04	2.03
P267953	SM036	09-Aug-04	5.95
P267956	SM037	09-Aug-04	2.35
P267958	SM038	09-Aug-04	2.66
P267960	SM039	09-Aug-04	2
P267964	SM040	09-Aug-04	2.03
P267962	SM041	09-Aug-04	2.3
P267961	SM042	09-Aug-04	1.99
P267959	SM043	09-Aug-04	2.23
P267957	SM044	09-Aug-04	2.26
P267954	SM045	09-Aug-04	2.21
P268036	SM046	10-Aug-04	2.8
P267464	SM047	06-Aug-04	2.28
P267955	SM048	09-Aug-04	2.28
P267467	SM049	06-Aug-04	2.75
P267469	SM050	06-Aug-04	2.06
P266938	SM051	02-Aug-04	6.02
P266941	SM052	02-Aug-04	5.75
P267483	SM053	06-Aug-04	2.56
P267471	SM054	06-Aug-04	2.28
P267485	SM055	06-Aug-04	2.29
P267484	SM056	06-Aug-04	2.7
P267473	SM057	06-Aug-04	2.64
P267472	SM058	06-Aug-04	2.47
P267470	SM059	06-Aug-04	2.4
P267468	SM060	06-Aug-04	2.3
P267465	SM061	06-Aug-04	2.46
P267466	SM062	06-Aug-04	2.17
P266943	SM063	02-Aug-04	3.38
P266951	SM064	02-Aug-04	2.77

Sediment Mapping
Total Volatile Solids
Units=WT%

Sample Id	Source	Sample Date	Value
P266945	SM065	02-Aug-04	2.59
P266953	SM066	02-Aug-04	2.17
P266952	SM067	02-Aug-04	2.7
P266947	SM068	02-Aug-04	1.88
P266946	SM069	02-Aug-04	2.06
P266335	SM070	29-Jul-04	1.99
P266338	SM071	29-Jul-04	1.61
P266944	SM072	02-Aug-04	1.85
P266942	SM073	02-Aug-04	2.87
P266939	SM074	02-Aug-04	2.15
P266940	SM075	02-Aug-04	1.69
P266340	SM076	29-Jul-04	2.63
P266354	SM077	29-Jul-04	2.43
P266353	SM078	29-Jul-04	3.21
P266352	SM079	29-Jul-04	6.85
P266351	SM080	29-Jul-04	3.76
P266350	SM081	29-Jul-04	2.73
P266342	SM082	29-Jul-04	1.88
P266344	SM083	29-Jul-04	2.09
P266343	SM084	29-Jul-04	2.43
P266341	SM085	29-Jul-04	1.96
P266339	SM086	29-Jul-04	1.99
P266336	SM087	29-Jul-04	2.17
P266337	SM088	29-Jul-04	0.535
P266100	SM089	28-Jul-04	1.73
P266103	SM091	28-Jul-04	1.32
P266105	SM092	28-Jul-04	0.96
P266107	SM093	28-Jul-04	1.14
P266111	SM094	28-Jul-04	1.12
P266109	SM095	28-Jul-04	1.36
P266108	SM096	28-Jul-04	1.28
P266106	SM097	28-Jul-04	1.22
P266104	SM098	28-Jul-04	1.04
P266101	SM099	28-Jul-04	1.2
P266102	SM100	28-Jul-04	1.32
P266019	SM101	27-Jul-04	0.84
P266022	SM102	27-Jul-04	1.36
P266024	SM103	27-Jul-04	1.08
P266026	SM104	27-Jul-04	1.48
P266028	SM105	27-Jul-04	0.75
P266027	SM106	27-Jul-04	6.39
P266025	SM107	27-Jul-04	1.23
P266023	SM109	27-Jul-04	1.08
P266020	SM110	27-Jul-04	0.62
P266021	SM111	27-Jul-04	0.935
P265515	SM112	22-Jul-04	0.68
P265518	SM113	22-Jul-04	0.67
P265520	SM114	22-Jul-04	0.53
P265528	SM115	22-Jul-04	0.61
P265522	SM116	22-Jul-04	0.63
P265530	SM117	22-Jul-04	0.55
P265529	SM118	22-Jul-04	0.54
P265524	SM119	22-Jul-04	0.63
P265523	SM120	22-Jul-04	0.63
P265521	SM121	22-Jul-04	0.585
P265373	SM122	21-Jul-04	0.92
P265376	SM123	21-Jul-04	1.33
P265378	SM124	21-Jul-04	1.58
P265390	SM125	21-Jul-04	0.83
P265389	SM126	21-Jul-04	0.86
P265388	SM127	21-Jul-04	0.7
P265387	SM128	21-Jul-04	0.71
P265380	SM129	21-Jul-04	0.68
P265519	SM130	22-Jul-04	1.18
P265516	SM131	22-Jul-04	0.61
P265517	SM132	22-Jul-04	0.565
P265382	SM133	21-Jul-04	2.11
P265381	SM134	21-Jul-04	0.72
P265379	SM135	21-Jul-04	0.59
P265377	SM136	21-Jul-04	0.74
P265374	SM137	21-Jul-04	1.93
P265287	SM138	20-Jul-04	1.13
P265290	SM139	20-Jul-04	1.23
P265375	SM141	21-Jul-04	0.55
P265292	SM142	20-Jul-04	1.09
P265301	SM143	20-Jul-04	1.53
P265294	SM144	20-Jul-04	1.27
P265303	SM145	20-Jul-04	1.6
P265302	SM146	20-Jul-04	1.27
P265296	SM147	20-Jul-04	1.07
P265295	SM148	20-Jul-04	1.05
P265293	SM149	20-Jul-04	1.09
P265291	SM150	20-Jul-04	0.62
P265288	SM151	20-Jul-04	0.92
P265289	SM152	20-Jul-04	0.455

Sediment Mapping Project
Grain Size
(all values are in percent distribution)

From 01-JUL-2004 to 01-SEP-2004

Analyte	I-1 DUP 01-JUL-2004 P262850	I-8 DUP 06-JUL-2004 P263398	I-9 DUP 01-JUL-2004 P262855	A-8 10-AUG-2004 P268056	B-3 11-AUG-2004 P268217
<0.500 microns, Phi 11	0.000	0.000	0.000	0.000	0.000
>0.5 to 1 microns, Phi 10	0.000	0.000	0.000	0.000	0.000
>1 to 1.5 microns, Phi 9.5	0.000	0.000	0.000	0.411	0.377
>1.5 to 2 microns, Phi 9	0.000	0.000	0.121	0.542	0.559
>2.0 to 2.4 microns	0.000	0.000	0.183	0.506	0.516
>2.4 to 2.9 microns, Phi 8.5	0.000	0.000	0.228	0.670	0.679
>2.9 to 3.4 microns	0.112	0.000	0.226	0.699	0.704
>3.4 to 3.9 microns, Phi 8	0.138	0.000	0.232	0.760	0.761
>3.9 to 4 microns	0.030	0.000	0.048	0.159	0.159
>4.0 to 4.3 microns	0.085	0.000	0.137	0.456	0.457
>4.3 to 4.5 microns	0.055	0.000	0.088	0.294	0.294
>4.5 to 5 microns	0.148	0.000	0.228	0.787	0.786
>5 to 5.5 microns	0.150	0.056	0.223	0.784	0.786
>5.5 to 5.7 microns	0.058	0.028	0.086	0.303	0.304
>5.7 to 5.9 microns, Phi 7.5	0.058	0.028	0.084	0.299	0.300
>5.9 to 7.8 microns, Phi 7	0.571	0.274	0.777	2.830	2.860
>7.8 to 8 microns	0.060	0.029	0.078	0.290	0.297
>8 to 8.5 microns	0.143	0.069	0.186	0.695	0.711
>8.5 to 8.9 microns	0.110	0.053	0.143	0.534	0.549
>8.9 to 9.1 microns	0.057	0.028	0.072	0.272	0.282
>9.1 to 9.5 microns	0.110	0.053	0.140	0.527	0.546
>9.5 to 9.8 microns	0.079	0.039	0.101	0.381	0.395
>9.8 to 10.1 microns	0.077	0.037	0.098	0.370	0.383
>10.1 to 10.6 microns	0.133	0.065	0.166	0.637	0.669
>10.6 to 11.1 microns	0.127	0.062	0.159	0.607	0.638
>11.1 to 11.3 microns	0.049	0.024	0.062	0.235	0.247
>11.3 to 11.7 microns, Phi 6.5	0.096	0.048	0.121	0.460	0.486
>11.7 to 14 microns	0.502	0.254	0.644	2.420	2.590
>14 to 14.8 microns	0.157	0.080	0.205	0.765	0.830
>14.8 to 15.6 microns	0.147	0.076	0.201	0.734	0.804
>15.6 to 16 microns	0.070	0.037	0.100	0.357	0.394
>16 to 20 microns	0.605	0.320	0.909	3.170	3.550
>20 to 23 microns, Phi 5.5	0.352	0.192	0.622	2.020	2.320
>23 to 27 microns	0.373	0.205	0.819	2.380	2.780
>27 to 31 microns, Phi 5	0.312	0.165	0.873	2.180	2.560
>31 to 32 microns	0.073	0.036	0.242	0.535	0.621
>32 to 35.6 microns	0.258	0.121	0.937	1.900	2.180
>35.6 to 37 microns, Phi 4.75	0.102	0.043	0.419	0.756	0.847
>37 to 39.6 microns	0.188	0.077	0.794	1.370	1.530
>39.6 to 43.6 microns	0.339	0.114	1.630	2.330	2.540
>43.6 to 44 microns, Phi 4.5	0.032	0.011	0.155	0.222	0.241
>44 to 45 microns	0.082	0.027	0.396	0.554	0.602
>45 to 46.4 microns	0.158	0.040	0.843	0.932	1.000
>46.4 to 53 microns, Phi 4.25	0.768	0.180	4.140	4.250	4.560
>53 to 62.5 microns, Phi 4	1.610	0.270	8.420	6.600	7.010
>62.5 to 64 microns	0.309	0.044	1.520	1.060	1.120
>64 to 71.7 microns	1.990	0.241	8.340	5.430	5.640

Sediment Mapping Project
Grain Size
(all values are in percent distribution)

From 01-JUL-2004 to 01-SEP-2004

Analyte	I-1 DUP 01-JUL-2004 P262850	I-8 DUP 06-JUL-2004 P263398	I-9 DUP 01-JUL-2004 P262855	A-8 10-AUG-2004 P268056	B-3 11-AUG-2004 P268217
>71.7 to 74 microns	0.678	0.075	2.580	1.600	1.640
>74 to 79.6 microns	1.940	0.195	6.170	3.800	3.850
>79.6 to 87.6 microns	3.300	0.303	8.520	5.200	5.190
>87.6 to 88 microns, Phi 3.5	0.157	0.014	0.405	0.247	0.247
>88 to 90 microns	1.050	0.091	1.910	1.220	1.200
>90 to 105 microns, Phi 3.25	8.660	0.756	12.300	8.220	8.050
>105 to 125 microns, Phi 3	13.500	1.370	10.800	8.210	7.830
>125 to 149 microns, Phi 2.75	15.700	2.270	7.400	6.460	5.850
>149 to 160 microns	6.130	1.410	2.040	1.940	1.640
>160 to 177 microns, Phi 2.5	8.230	2.380	2.390	2.350	1.900
>177 to 197 microns	7.250	3.520	1.770	1.770	1.310
>197 to 210 microns, Phi 2.25	3.440	2.790	0.796	0.785	0.541
>210 to 217 microns	1.630	1.540	0.367	0.359	0.239
>217 to 245 microns	4.970	6.700	1.140	1.070	0.686
>245 to 250 microns, Phi 2	0.686	1.250	0.159	0.144	0.088
>250 to 300 microns, Phi 1.75	4.690	12.600	1.170	0.975	0.567
>300 to 320 microns	1.020	4.710	0.308	0.208	0.116
>320 to 350 microns, Phi 1.5	1.330	6.430	0.415	0.270	0.151
>350 to 360 microns	0.324	1.870	0.117	0.064	0.037
>360 to 400 microns	1.180	6.880	0.435	0.231	0.136
>400 to 420 microns, Phi 1.25	0.462	2.820	0.195	0.084	0.055
>420 to 440 microns	0.441	2.690	0.186	0.080	0.052
>440 to 500 microns, Phi 1	1.130	6.590	0.523	0.186	0.139
>500 to 590 microns, Phi 0.75	0.933	7.440	0.712	0.047	0.037
>590 to 630 microns	0.185	2.520	0.296	0.000	0.000
>630 to 696 microns	0.200	3.650	0.399	0.000	0.000
>696 to 710 microns, Phi 0.5	0.000	0.652	0.050	0.000	0.000
>710 to 773 microns	0.000	2.790	0.214	0.000	0.000
>773 to 840 microns, Phi 0.25	0.000	2.330	0.013	0.000	0.000
>840 to 850 microns	0.000	0.328	0.000	0.000	0.000
>850 to 930 microns	0.000	2.220	0.000	0.000	0.000
>930 to 1000 microns, Phi 0	0.000	1.560	0.000	0.000	0.000
1000 to 1100 microns	0.000	1.490	0.000	0.000	0.000
>1100 to 1190 microns, Phi -0.25	0.000	0.988	0.000	0.000	0.000
>1190 to 1300 microns	0.000	0.677	0.000	0.000	0.000
>1300 to 1410 microns, Phi -0.5	0.000	0.398	0.000	0.000	0.000
>1410 to 1680 microns, Phi -0.75	0.000	0.283	0.000	0.000	0.000
>1680 to 2000 microns, Phi -1	0.000	0.000	0.000	0.000	0.000
Totals:	100.089	100.006	99.976	99.993	100.015

Sediment Mapping Project
Grain Size
(all values are in percent distribution)

From 01-JUL-2004 to 01-SEP-2004

Analyte	B-5 11-AUG-2004 P268219	A-2 17-AUG-2004 P269070	A-2 DUP 17-AUG-2004 P269071	A-5 17-AUG-2004 P269072	A-5 DUP 17-AUG-2004 P269073
<0.500 microns, Phi 11	0.000	0.000	0.000	0.000	0.000
>0.5 to 1 microns, Phi 10	0.000	0.000	0.000	0.000	0.000
>1 to 1.5 microns, Phi 9.5	0.496	0.277	0.248	0.411	0.419
>1.5 to 2 microns, Phi 9	0.737	0.487	0.445	0.537	0.545
>2.0 to 2.4 microns	0.730	0.450	0.419	0.496	0.501
>2.4 to 2.9 microns, Phi 8.5	0.993	0.591	0.559	0.652	0.657
>2.9 to 3.4 microns	1.060	0.614	0.586	0.675	0.678
>3.4 to 3.9 microns, Phi 8	1.180	0.662	0.640	0.728	0.729
>3.9 to 4 microns	0.247	0.138	0.134	0.152	0.152
>4.0 to 4.3 microns	0.710	0.398	0.384	0.437	0.437
>4.3 to 4.5 microns	0.459	0.256	0.248	0.282	0.281
>4.5 to 5 microns	1.240	0.684	0.663	0.751	0.749
>5 to 5.5 microns	1.250	0.683	0.660	0.750	0.747
>5.5 to 5.7 microns	0.482	0.264	0.255	0.290	0.289
>5.7 to 5.9 microns, Phi 7.5	0.476	0.261	0.251	0.286	0.285
>5.9 to 7.8 microns, Phi 7	4.550	2.480	2.390	2.720	2.710
>7.8 to 8 microns	0.467	0.258	0.245	0.282	0.282
>8 to 8.5 microns	1.120	0.617	0.587	0.676	0.674
>8.5 to 8.9 microns	0.861	0.476	0.452	0.521	0.520
>8.9 to 9.1 microns	0.438	0.245	0.231	0.268	0.268
>9.1 to 9.5 microns	0.847	0.473	0.448	0.518	0.518
>9.5 to 9.8 microns	0.612	0.342	0.324	0.375	0.374
>9.8 to 10.1 microns	0.594	0.332	0.314	0.364	0.363
>10.1 to 10.6 microns	1.030	0.580	0.544	0.633	0.634
>10.6 to 11.1 microns	0.979	0.553	0.519	0.604	0.605
>11.1 to 11.3 microns	0.379	0.214	0.201	0.234	0.234
>11.3 to 11.7 microns, Phi 6.5	0.738	0.421	0.395	0.460	0.461
>11.7 to 14 microns	3.840	2.250	2.100	2.460	2.470
>14 to 14.8 microns	1.210	0.722	0.670	0.788	0.794
>14.8 to 15.6 microns	1.150	0.699	0.649	0.765	0.772
>15.6 to 16 microns	0.554	0.343	0.318	0.376	0.380
>16 to 20 microns	4.880	3.090	2.870	3.400	3.440
>20 to 23 microns, Phi 5.5	3.020	2.020	1.890	2.250	2.280
>23 to 27 microns	3.450	2.430	2.300	2.740	2.780
>27 to 31 microns, Phi 5	3.030	2.240	2.170	2.600	2.620
>31 to 32 microns	0.714	0.545	0.536	0.653	0.650
>32 to 35.6 microns	2.460	1.910	1.890	2.340	2.310
>35.6 to 37 microns, Phi 4.75	0.929	0.741	0.743	0.944	0.920
>37 to 39.6 microns	1.670	1.340	1.350	1.720	1.670
>39.6 to 43.6 microns	2.640	2.220	2.250	2.940	2.850
>43.6 to 44 microns, Phi 4.5	0.251	0.211	0.213	0.279	0.270
>44 to 45 microns	0.624	0.528	0.533	0.698	0.676
>45 to 46.4 microns	0.989	0.893	0.899	1.170	1.150
>46.4 to 53 microns, Phi 4.25	4.450	4.110	4.140	5.330	5.230
>53 to 62.5 microns, Phi 4	6.490	6.700	6.710	8.010	8.040
>62.5 to 64 microns	1.000	1.110	1.110	1.250	1.270
>64 to 71.7 microns	4.910	5.780	5.770	6.160	6.270

Sediment Mapping Project
Grain Size
(all values are in percent distribution)

From 01-JUL-2004 to 01-SEP-2004

Analyte	B-5 11-AUG-2004 P268219	A-2 17-AUG-2004 P269070	A-2 DUP 17-AUG-2004 P269071	A-5 17-AUG-2004 P269072	A-5 DUP 17-AUG-2004 P269073
>71.7 to 74 microns	1.390	1.730	1.720	1.750	1.790
>74 to 79.6 microns	3.190	4.130	4.110	4.010	4.100
>79.6 to 87.6 microns	4.130	5.690	5.660	5.180	5.300
>87.6 to 88 microns, Phi 3.5	0.196	0.271	0.269	0.246	0.252
>88 to 90 microns	0.908	1.330	1.330	1.130	1.160
>90 to 105 microns, Phi 3.25	5.850	8.990	8.970	7.260	7.410
>105 to 125 microns, Phi 3	5.240	8.860	8.910	6.530	6.620
>125 to 149 microns, Phi 2.75	3.660	6.770	6.920	4.750	4.770
>149 to 160 microns	0.985	1.960	2.050	1.360	1.370
>160 to 177 microns, Phi 2.5	1.130	2.320	2.460	1.630	1.630
>177 to 197 microns	0.770	1.670	1.840	1.210	1.220
>197 to 210 microns, Phi 2.25	0.318	0.710	0.807	0.536	0.549
>210 to 217 microns	0.140	0.319	0.368	0.245	0.253
>217 to 245 microns	0.406	0.926	1.100	0.738	0.770
>245 to 250 microns, Phi 2	0.052	0.120	0.147	0.100	0.106
>250 to 300 microns, Phi 1.75	0.345	0.777	0.986	0.687	0.741
>300 to 320 microns	0.074	0.152	0.207	0.155	0.171
>320 to 350 microns, Phi 1.5	0.097	0.195	0.268	0.204	0.224
>350 to 360 microns	0.025	0.044	0.063	0.052	0.056
>360 to 400 microns	0.090	0.158	0.226	0.189	0.202
>400 to 420 microns, Phi 1.25	0.037	0.056	0.081	0.077	0.077
>420 to 440 microns	0.035	0.054	0.077	0.073	0.074
>440 to 500 microns, Phi 1	0.019	0.124	0.179	0.197	0.176
>500 to 590 microns, Phi 0.75	0.000	0.031	0.045	0.052	0.045
>590 to 630 microns	0.000	0.000	0.000	0.000	0.000
>630 to 696 microns	0.000	0.000	0.000	0.059	0.000
>696 to 710 microns, Phi 0.5	0.000	0.000	0.000	0.046	0.000
>710 to 773 microns	0.000	0.000	0.000	0.196	0.000
>773 to 840 microns, Phi 0.25	0.000	0.000	0.000	0.219	0.000
>840 to 850 microns	0.000	0.000	0.000	0.031	0.000
>850 to 930 microns	0.000	0.000	0.000	0.122	0.000
>930 to 1000 microns, Phi 0	0.000	0.000	0.000	0.000	0.000
1000 to 1100 microns	0.000	0.000	0.000	0.000	0.000
>1100 to 1190 microns, Phi -0.25	0.000	0.000	0.000	0.000	0.000
>1190 to 1300 microns	0.000	0.000	0.000	0.000	0.000
>1300 to 1410 microns, Phi -0.5	0.000	0.000	0.000	0.000	0.000
>1410 to 1680 microns, Phi -0.75	0.000	0.000	0.000	0.000	0.000
>1680 to 2000 microns, Phi -1	0.000	0.000	0.000	0.000	0.000
Totals:	100.023	100.025	100.046	100.009	100.020

Sediment Mapping Project
Grain Size
(all values are in percent distribution)

From 01-JUL-2004 to 01-SEP-2004

Analyte	A-9 17-AUG-2004 P269075	A-15 17-AUG-2004 P269076	A-15 DUP 17-AUG-2004 P269077	A-16 17-AUG-2004 P269078	A-16 DUP 17-AUG-2004 P269079
<0.500 microns, Phi 11	0.000	0.000	0.000	0.000	0.000
>0.5 to 1 microns, Phi 10	0.000	0.000	0.000	0.000	0.000
>1 to 1.5 microns, Phi 9.5	0.276	0.288	0.393	0.397	0.431
>1.5 to 2 microns, Phi 9	0.501	0.519	0.518	0.541	0.559
>2.0 to 2.4 microns	0.471	0.487	0.483	0.514	0.513
>2.4 to 2.9 microns, Phi 8.5	0.625	0.647	0.640	0.688	0.673
>2.9 to 3.4 microns	0.652	0.676	0.667	0.724	0.696
>3.4 to 3.9 microns, Phi 8	0.709	0.736	0.725	0.794	0.749
>3.9 to 4 microns	0.148	0.154	0.151	0.167	0.157
>4.0 to 4.3 microns	0.426	0.443	0.435	0.479	0.450
>4.3 to 4.5 microns	0.275	0.285	0.280	0.309	0.290
>4.5 to 5 microns	0.735	0.765	0.750	0.833	0.774
>5 to 5.5 microns	0.735	0.764	0.748	0.833	0.773
>5.5 to 5.7 microns	0.284	0.296	0.289	0.322	0.299
>5.7 to 5.9 microns, Phi 7.5	0.280	0.291	0.285	0.318	0.295
>5.9 to 7.8 microns, Phi 7	2.670	2.780	2.710	3.030	2.810
>7.8 to 8 microns	0.276	0.286	0.280	0.312	0.291
>8 to 8.5 microns	0.662	0.686	0.671	0.748	0.698
>8.5 to 8.9 microns	0.510	0.528	0.517	0.576	0.538
>8.9 to 9.1 microns	0.262	0.270	0.265	0.294	0.276
>9.1 to 9.5 microns	0.507	0.522	0.512	0.569	0.534
>9.5 to 9.8 microns	0.366	0.378	0.370	0.411	0.386
>9.8 to 10.1 microns	0.355	0.367	0.359	0.399	0.375
>10.1 to 10.6 microns	0.618	0.635	0.624	0.689	0.651
>10.6 to 11.1 microns	0.590	0.606	0.595	0.658	0.621
>11.1 to 11.3 microns	0.228	0.235	0.231	0.255	0.241
>11.3 to 11.7 microns, Phi 6.5	0.449	0.460	0.453	0.498	0.472
>11.7 to 14 microns	2.390	2.430	2.410	2.620	2.510
>14 to 14.8 microns	0.762	0.771	0.769	0.831	0.799
>14.8 to 15.6 microns	0.738	0.742	0.743	0.799	0.770
>15.6 to 16 microns	0.361	0.362	0.364	0.389	0.376
>16 to 20 microns	3.250	3.230	3.270	3.470	3.370
>20 to 23 microns, Phi 5.5	2.120	2.070	2.140	2.220	2.170
>23 to 27 microns	2.550	2.450	2.580	2.630	2.560
>27 to 31 microns, Phi 5	2.370	2.240	2.390	2.430	2.350
>31 to 32 microns	0.587	0.547	0.584	0.602	0.573
>32 to 35.6 microns	2.100	1.930	2.060	2.140	2.030
>35.6 to 37 microns, Phi 4.75	0.839	0.760	0.803	0.850	0.804
>37 to 39.6 microns	1.530	1.380	1.450	1.540	1.460
>39.6 to 43.6 microns	2.660	2.340	2.420	2.590	2.490
>43.6 to 44 microns, Phi 4.5	0.252	0.222	0.229	0.246	0.236
>44 to 45 microns	0.632	0.555	0.573	0.614	0.590
>45 to 46.4 microns	1.090	0.950	0.966	1.020	0.999
>46.4 to 53 microns, Phi 4.25	5.020	4.370	4.440	4.630	4.560
>53 to 62.5 microns, Phi 4	7.860	6.980	7.070	7.100	7.040
>62.5 to 64 microns	1.250	1.130	1.150	1.130	1.120
>64 to 71.7 microns	6.270	5.800	5.910	5.730	5.630

Sediment Mapping Project
Grain Size
(all values are in percent distribution)

From 01-JUL-2004 to 01-SEP-2004

Analyte	A-9 17-AUG-2004 P269075	A-15 17-AUG-2004 P269076	A-15 DUP 17-AUG-2004 P269077	A-16 17-AUG-2004 P269078	A-16 DUP 17-AUG-2004 P269079
>71.7 to 74 microns	1.810	1.700	1.740	1.670	1.630
>74 to 79.6 microns	4.190	4.010	4.110	3.910	3.810
>79.6 to 87.6 microns	5.530	5.420	5.550	5.220	5.080
>87.6 to 88 microns, Phi 3.5	0.263	0.258	0.264	0.248	0.242
>88 to 90 microns	1.240	1.250	1.270	1.180	1.160
>90 to 105 microns, Phi 3.25	8.040	8.280	8.460	7.750	7.640
>105 to 125 microns, Phi 3	7.400	7.960	8.100	7.270	7.300
>125 to 149 microns, Phi 2.75	5.400	6.060	6.070	5.420	5.580
>149 to 160 microns	1.540	1.780	1.730	1.570	1.660
>160 to 177 microns, Phi 2.5	1.820	2.130	2.040	1.870	2.000
>177 to 197 microns	1.320	1.590	1.460	1.390	1.530
>197 to 210 microns, Phi 2.25	0.573	0.704	0.614	0.609	0.684
>210 to 217 microns	0.259	0.322	0.274	0.278	0.315
>217 to 245 microns	0.766	0.963	0.789	0.831	0.956
>245 to 250 microns, Phi 2	0.102	0.130	0.101	0.112	0.131
>250 to 300 microns, Phi 1.75	0.681	0.886	0.642	0.763	0.913
>300 to 320 microns	0.144	0.195	0.120	0.167	0.211
>320 to 350 microns, Phi 1.5	0.187	0.255	0.153	0.218	0.278
>350 to 360 microns	0.045	0.063	0.034	0.053	0.071
>360 to 400 microns	0.162	0.229	0.121	0.193	0.260
>400 to 420 microns, Phi 1.25	0.060	0.089	0.042	0.073	0.106
>420 to 440 microns	0.057	0.085	0.040	0.069	0.101
>440 to 500 microns, Phi 1	0.138	0.217	0.022	0.166	0.267
>500 to 590 microns, Phi 0.75	0.035	0.056	0.000	0.042	0.070
>590 to 630 microns	0.000	0.000	0.000	0.000	0.143
>630 to 696 microns	0.000	0.000	0.000	0.000	0.239
>696 to 710 microns, Phi 0.5	0.000	0.000	0.000	0.000	0.052
>710 to 773 microns	0.000	0.000	0.000	0.000	0.221
>773 to 840 microns, Phi 0.25	0.000	0.000	0.000	0.000	0.235
>840 to 850 microns	0.000	0.000	0.000	0.000	0.034
>850 to 930 microns	0.000	0.000	0.000	0.000	0.131
>930 to 1000 microns, Phi 0	0.000	0.000	0.000	0.000	0.000
1000 to 1100 microns	0.000	0.000	0.000	0.000	0.000
>1100 to 1190 microns, Phi -0.25	0.000	0.000	0.000	0.000	0.000
>1190 to 1300 microns	0.000	0.000	0.000	0.000	0.000
>1300 to 1410 microns, Phi -0.5	0.000	0.000	0.000	0.000	0.000
>1410 to 1680 microns, Phi -0.75	0.000	0.000	0.000	0.000	0.000
>1680 to 2000 microns, Phi -1	0.000	0.000	0.000	0.000	0.000
Totals:	100.003	99.995	100.018	100.011	100.039

Sediment Mapping Project
Grain Size
(all values are in percent distribution)

From 01-JUL-2004 to 01-SEP-2004

Analyte	B-9 DUP 14-JUL-2004 P264555	E-5 DUP 14-JUL-2004 P264558	E-14 DUP 16-JUL-2004 P264743	E-20 DUP 16-JUL-2004 P264692	E-25 DUP 16-JUL-2004 P264697
<0.500 microns, Phi 11	0.000	0.000	0.000	0.000	0.000
>0.5 to 1 microns, Phi 10	0.000	0.000	0.000	0.000	0.000
>1 to 1.5 microns, Phi 9.5	0.266	0.253	0.107	0.235	0.247
>1.5 to 2 microns, Phi 9	0.504	0.457	0.358	0.428	0.462
>2.0 to 2.4 microns	0.488	0.427	0.341	0.403	0.444
>2.4 to 2.9 microns, Phi 8.5	0.654	0.559	0.455	0.532	0.595
>2.9 to 3.4 microns	0.684	0.572	0.474	0.550	0.623
>3.4 to 3.9 microns, Phi 8	0.748	0.613	0.516	0.594	0.681
>3.9 to 4 microns	0.155	0.125	0.107	0.123	0.142
>4.0 to 4.3 microns	0.445	0.360	0.306	0.352	0.407
>4.3 to 4.5 microns	0.287	0.231	0.197	0.227	0.262
>4.5 to 5 microns	0.764	0.608	0.523	0.601	0.702
>5 to 5.5 microns	0.756	0.596	0.515	0.593	0.697
>5.5 to 5.7 microns	0.292	0.229	0.198	0.229	0.269
>5.7 to 5.9 microns, Phi 7.5	0.287	0.225	0.195	0.225	0.265
>5.9 to 7.8 microns, Phi 7	2.680	2.080	1.810	2.100	2.500
>7.8 to 8 microns	0.272	0.209	0.180	0.213	0.255
>8 to 8.5 microns	0.650	0.500	0.431	0.510	0.610
>8.5 to 8.9 microns	0.500	0.384	0.330	0.392	0.469
>8.9 to 9.1 microns	0.253	0.194	0.166	0.200	0.239
>9.1 to 9.5 microns	0.490	0.376	0.321	0.386	0.462
>9.5 to 9.8 microns	0.354	0.272	0.232	0.279	0.334
>9.8 to 10.1 microns	0.344	0.264	0.225	0.271	0.324
>10.1 to 10.6 microns	0.587	0.449	0.380	0.465	0.556
>10.6 to 11.1 microns	0.560	0.428	0.362	0.444	0.531
>11.1 to 11.3 microns	0.217	0.166	0.140	0.172	0.206
>11.3 to 11.7 microns, Phi 6.5	0.424	0.325	0.274	0.337	0.403
>11.7 to 14 microns	2.230	1.720	1.420	1.790	2.130
>14 to 14.8 microns	0.705	0.546	0.447	0.572	0.676
>14.8 to 15.6 microns	0.680	0.531	0.430	0.557	0.654
>15.6 to 16 microns	0.332	0.261	0.210	0.275	0.320
>16 to 20 microns	2.980	2.360	1.870	2.490	2.880
>20 to 23 microns, Phi 5.5	1.940	1.570	1.210	1.670	1.890
>23 to 27 microns	2.360	1.970	1.480	2.100	2.320
>27 to 31 microns, Phi 5	2.250	1.930	1.440	2.070	2.240
>31 to 32 microns	0.565	0.496	0.371	0.532	0.569
>32 to 35.6 microns	2.020	1.800	1.370	1.940	2.060
>35.6 to 37 microns, Phi 4.75	0.807	0.732	0.571	0.796	0.837
>37 to 39.6 microns	1.460	1.330	1.050	1.460	1.530
>39.6 to 43.6 microns	2.460	2.290	1.920	2.560	2.630
>43.6 to 44 microns, Phi 4.5	0.233	0.217	0.182	0.243	0.250
>44 to 45 microns	0.582	0.543	0.457	0.608	0.625
>45 to 46.4 microns	0.957	0.914	0.829	1.060	1.060
>46.4 to 53 microns, Phi 4.25	4.350	4.170	3.870	4.860	4.840
>53 to 62.5 microns, Phi 4	6.630	6.540	6.560	7.850	7.510
>62.5 to 64 microns	1.060	1.060	1.100	1.280	1.200
>64 to 71.7 microns	5.390	5.500	5.870	6.640	6.100

Sediment Mapping Project
Grain Size
(all values are in percent distribution)

From 01-JUL-2004 to 01-SEP-2004

Analyte	B-9 DUP 14-JUL-2004 P264555	E-5 DUP 14-JUL-2004 P264558	E-14 DUP 16-JUL-2004 P264743	E-20 DUP 16-JUL-2004 P264692	E-25 DUP 16-JUL-2004 P264697
>71.7 to 74 microns	1.580	1.640	1.780	1.970	1.780
>74 to 79.6 microns	3.740	3.920	4.320	4.660	4.190
>79.6 to 87.6 microns	5.070	5.430	6.090	6.350	5.630
>87.6 to 88 microns, Phi 3.5	0.241	0.258	0.290	0.302	0.268
>88 to 90 microns	1.180	1.300	1.460	1.460	1.290
>90 to 105 microns, Phi 3.25	7.970	8.890	9.930	9.710	8.610
>105 to 125 microns, Phi 3	8.040	9.320	9.800	9.170	8.350
>125 to 149 microns, Phi 2.75	6.500	7.750	7.310	6.590	6.350
>149 to 160 microns	2.020	2.420	2.050	1.780	1.820
>160 to 177 microns, Phi 2.5	2.480	2.980	2.400	2.030	2.140
>177 to 197 microns	1.960	2.330	1.720	1.370	1.530
>197 to 210 microns, Phi 2.25	0.897	1.050	0.741	0.552	0.639
>210 to 217 microns	0.417	0.487	0.335	0.241	0.284
>217 to 245 microns	1.280	1.480	1.000	0.680	0.816
>245 to 250 microns, Phi 2	0.177	0.202	0.136	0.085	0.104
>250 to 300 microns, Phi 1.75	1.230	1.390	0.957	0.531	0.661
>300 to 320 microns	0.277	0.308	0.239	0.098	0.124
>320 to 350 microns, Phi 1.5	0.362	0.401	0.323	0.125	0.159
>350 to 360 microns	0.087	0.097	0.092	0.028	0.035
>360 to 400 microns	0.317	0.350	0.347	0.090	0.125
>400 to 420 microns, Phi 1.25	0.117	0.130	0.167	0.000	0.043
>420 to 440 microns	0.111	0.124	0.159	0.000	0.041
>440 to 500 microns, Phi 1	0.258	0.291	0.508	0.000	0.023
>500 to 590 microns, Phi 0.75	0.065	0.074	0.857	0.000	0.000
>590 to 630 microns	0.000	0.000	0.481	0.000	0.000
>630 to 696 microns	0.000	0.000	0.801	0.000	0.000
>696 to 710 microns, Phi 0.5	0.000	0.000	0.194	0.000	0.000
>710 to 773 microns	0.000	0.000	0.830	0.000	0.000
>773 to 840 microns, Phi 0.25	0.000	0.000	0.933	0.000	0.000
>840 to 850 microns	0.000	0.000	0.134	0.000	0.000
>850 to 930 microns	0.000	0.000	0.798	0.000	0.000
>930 to 1000 microns, Phi 0	0.000	0.000	0.456	0.000	0.000
1000 to 1100 microns	0.000	0.000	0.387	0.000	0.000
>1100 to 1190 microns, Phi -0.25	0.000	0.000	0.209	0.000	0.000
>1190 to 1300 microns	0.000	0.000	0.000	0.000	0.000
>1300 to 1410 microns, Phi -0.5	0.000	0.000	0.000	0.000	0.000
>1410 to 1680 microns, Phi -0.75	0.000	0.000	0.000	0.000	0.000
>1680 to 2000 microns, Phi -1	0.000	0.000	0.000	0.000	0.000
Totals:	100.028	100.004	100.034	100.036	100.018

Sediment Mapping Project
Grain Size
(all values are in percent distribution)

From 01-JUL-2004 to 01-SEP-2004

Analyte	E-3 02-AUG-2004 P267027	E-3 DUP 02-AUG-2004 P267028	I-12 DUP 06-JUL-2004 P263384	I-13 DUP 06-JUL-2004 P263389	I-15 DUP 06-JUL-2004 P263393
<0.500 microns, Phi 11	0.000	0.000	0.000	0.000	0.000
>0.5 to 1 microns, Phi 10	0.000	0.000	0.000	0.000	0.000
>1 to 1.5 microns, Phi 9.5	0.414	0.421	0.000	0.000	0.000
>1.5 to 2 microns, Phi 9	0.579	0.601	0.000	0.000	0.000
>2.0 to 2.4 microns	0.553	0.584	0.000	0.000	0.000
>2.4 to 2.9 microns, Phi 8.5	0.735	0.785	0.000	0.000	0.000
>2.9 to 3.4 microns	0.763	0.825	0.000	0.000	0.000
>3.4 to 3.9 microns, Phi 8	0.828	0.906	0.000	0.000	0.000
>3.9 to 4 microns	0.171	0.188	0.000	0.000	0.000
>4.0 to 4.3 microns	0.490	0.541	0.000	0.000	0.000
>4.3 to 4.5 microns	0.316	0.349	0.000	0.000	0.000
>4.5 to 5 microns	0.837	0.934	0.000	0.000	0.000
>5 to 5.5 microns	0.825	0.925	0.000	0.058	0.058
>5.5 to 5.7 microns	0.318	0.357	0.000	0.029	0.029
>5.7 to 5.9 microns, Phi 7.5	0.312	0.351	0.000	0.029	0.029
>5.9 to 7.8 microns, Phi 7	2.880	3.280	0.010	0.283	0.266
>7.8 to 8 microns	0.286	0.329	0.020	0.030	0.027
>8 to 8.5 microns	0.686	0.787	0.047	0.072	0.065
>8.5 to 8.9 microns	0.525	0.602	0.037	0.056	0.050
>8.9 to 9.1 microns	0.262	0.301	0.019	0.029	0.025
>9.1 to 9.5 microns	0.507	0.583	0.037	0.057	0.049
>9.5 to 9.8 microns	0.366	0.422	0.026	0.041	0.035
>9.8 to 10.1 microns	0.355	0.409	0.026	0.040	0.034
>10.1 to 10.6 microns	0.595	0.690	0.045	0.070	0.058
>10.6 to 11.1 microns	0.568	0.658	0.043	0.067	0.056
>11.1 to 11.3 microns	0.220	0.255	0.017	0.026	0.022
>11.3 to 11.7 microns, Phi 6.5	0.425	0.493	0.033	0.052	0.043
>11.7 to 14 microns	2.160	2.500	0.178	0.281	0.229
>14 to 14.8 microns	0.666	0.773	0.057	0.091	0.073
>14.8 to 15.6 microns	0.624	0.723	0.055	0.087	0.071
>15.6 to 16 microns	0.297	0.344	0.027	0.042	0.035
>16 to 20 microns	2.560	2.960	0.243	0.375	0.320
>20 to 23 microns, Phi 5.5	1.520	1.740	0.156	0.233	0.215
>23 to 27 microns	1.670	1.900	0.181	0.254	0.270
>27 to 31 microns, Phi 5	1.400	1.590	0.159	0.203	0.266
>31 to 32 microns	0.319	0.359	0.037	0.044	0.069
>32 to 35.6 microns	1.070	1.200	0.128	0.141	0.248
>35.6 to 37 microns, Phi 4.75	0.389	0.434	0.048	0.048	0.101
>37 to 39.6 microns	0.688	0.769	0.087	0.084	0.186
>39.6 to 43.6 microns	1.010	1.120	0.141	0.112	0.332
>43.6 to 44 microns, Phi 4.5	0.096	0.107	0.013	0.011	0.032
>44 to 45 microns	0.237	0.263	0.033	0.026	0.079
>45 to 46.4 microns	0.345	0.381	0.057	0.034	0.148
>46.4 to 53 microns, Phi 4.25	1.530	1.690	0.263	0.147	0.700
>53 to 62.5 microns, Phi 4	2.100	2.320	0.449	0.180	1.270
>62.5 to 64 microns	0.322	0.355	0.077	0.026	0.218
>64 to 71.7 microns	1.630	1.800	0.422	0.126	1.170

Sediment Mapping Project
Grain Size
(all values are in percent distribution)

From 01-JUL-2004 to 01-SEP-2004

Analyte	E-3 02-AUG-2004 P267027	E-3 DUP 02-AUG-2004 P267028	I-12 DUP 06-JUL-2004 P263384	I-13 DUP 06-JUL-2004 P263389	I-15 DUP 06-JUL-2004 P263393
>71.7 to 74 microns	0.474	0.527	0.131	0.036	0.356
>74 to 79.6 microns	1.150	1.290	0.330	0.085	0.867
>79.6 to 87.6 microns	1.620	1.830	0.489	0.117	1.230
>87.6 to 88 microns, Phi 3.5	0.077	0.087	0.023	0.006	0.058
>88 to 90 microns	0.424	0.483	0.133	0.031	0.308
>90 to 105 microns, Phi 3.25	3.170	3.630	1.010	0.231	2.220
>105 to 125 microns, Phi 3	4.490	5.220	1.500	0.355	2.880
>125 to 149 microns, Phi 2.75	5.670	6.630	2.120	0.536	3.570
>149 to 160 microns	2.660	3.120	1.210	0.328	1.830
>160 to 177 microns, Phi 2.5	3.940	4.630	2.010	0.563	2.900
>177 to 197 microns	4.370	5.130	2.920	0.877	3.880
>197 to 210 microns, Phi 2.25	2.540	2.980	2.320	0.779	2.860
>210 to 217 microns	1.300	1.520	1.280	0.440	1.550
>217 to 245 microns	4.500	5.230	5.690	2.210	6.500
>245 to 250 microns, Phi 2	0.710	0.820	1.070	0.445	1.180
>250 to 300 microns, Phi 1.75	5.600	6.340	11.300	5.720	11.600
>300 to 320 microns	1.500	1.610	4.590	3.220	4.190
>320 to 350 microns, Phi 1.5	1.990	2.110	6.360	4.760	5.710
>350 to 360 microns	0.515	0.515	1.960	1.840	1.640
>360 to 400 microns	1.880	1.860	7.240	7.050	6.030
>400 to 420 microns, Phi 1.25	0.747	0.680	3.110	3.730	2.440
>420 to 440 microns	0.713	0.648	2.960	3.560	2.330
>440 to 500 microns, Phi 1	1.820	1.510	7.440	10.300	5.630
>500 to 590 microns, Phi 0.75	2.280	1.200	8.480	13.400	6.210
>590 to 630 microns	0.944	0.239	2.840	4.870	2.030
>630 to 696 microns	1.470	0.257	4.090	7.070	2.910
>696 to 710 microns, Phi 0.5	0.311	0.000	0.715	1.250	0.504
>710 to 773 microns	1.330	0.000	3.050	5.350	2.150
>773 to 840 microns, Phi 0.25	1.360	0.000	2.450	4.240	1.720
>840 to 850 microns	0.194	0.000	0.343	0.594	0.241
>850 to 930 microns	1.400	0.000	2.290	3.900	1.610
>930 to 1000 microns, Phi 0	1.070	0.000	1.570	2.620	1.110
1000 to 1100 microns	1.050	0.000	1.470	2.350	1.060
>1100 to 1190 microns, Phi -0.25	0.700	0.000	0.968	1.500	0.712
>1190 to 1300 microns	0.452	0.000	0.652	0.940	0.505
>1300 to 1410 microns, Phi -0.5	0.145	0.000	0.382	0.528	0.330
>1410 to 1680 microns, Phi -0.75	0.000	0.000	0.270	0.574	0.263
>1680 to 2000 microns, Phi -1	0.000	0.000	0.000	0.103	0.000
Totals:	100.015	100.000	99.937	99.992	99.992

Sediment Mapping Project
Grain Size
(all values are in percent distribution)

From 01-JUL-2004 to 01-SEP-2004

Analyte	I-30 DUP 13-JUL-2004 P264503	SM138 20-JUL-2004 P265257	SM119 22-JUL-2004 P265489	SM144 20-JUL-2004 P265258	SM145 20-JUL-2004 P265259
<0.500 microns, Phi 11	0.000	0.000	0.000	0.000	0.000
>0.5 to 1 microns, Phi 10	0.000	0.000	0.000	0.000	0.000
>1 to 1.5 microns, Phi 9.5	0.000	0.000	0.000	0.000	0.000
>1.5 to 2 microns, Phi 9	0.000	0.000	0.000	0.008	0.113
>2.0 to 2.4 microns	0.048	0.000	0.000	0.151	0.174
>2.4 to 2.9 microns, Phi 8.5	0.177	0.091	0.000	0.189	0.219
>2.9 to 3.4 microns	0.177	0.149	0.000	0.188	0.220
>3.4 to 3.9 microns, Phi 8	0.183	0.155	0.000	0.194	0.228
>3.9 to 4 microns	0.038	0.033	0.000	0.040	0.047
>4.0 to 4.3 microns	0.109	0.094	0.000	0.114	0.135
>4.3 to 4.5 microns	0.070	0.060	0.006	0.073	0.087
>4.5 to 5 microns	0.183	0.159	0.094	0.191	0.227
>5 to 5.5 microns	0.179	0.158	0.096	0.186	0.223
>5.5 to 5.7 microns	0.069	0.061	0.037	0.071	0.086
>5.7 to 5.9 microns, Phi 7.5	0.068	0.060	0.037	0.070	0.084
>5.9 to 7.8 microns, Phi 7	0.631	0.574	0.366	0.643	0.784
>7.8 to 8 microns	0.063	0.059	0.039	0.064	0.079
>8 to 8.5 microns	0.152	0.141	0.093	0.153	0.190
>8.5 to 8.9 microns	0.117	0.108	0.072	0.117	0.146
>8.9 to 9.1 microns	0.059	0.055	0.037	0.059	0.074
>9.1 to 9.5 microns	0.114	0.107	0.072	0.114	0.143
>9.5 to 9.8 microns	0.083	0.077	0.052	0.082	0.104
>9.8 to 10.1 microns	0.080	0.075	0.051	0.080	0.101
>10.1 to 10.6 microns	0.136	0.128	0.089	0.134	0.171
>10.6 to 11.1 microns	0.130	0.122	0.085	0.128	0.163
>11.1 to 11.3 microns	0.050	0.047	0.033	0.050	0.063
>11.3 to 11.7 microns, Phi 6.5	0.099	0.093	0.065	0.097	0.125
>11.7 to 14 microns	0.527	0.493	0.351	0.517	0.670
>14 to 14.8 microns	0.167	0.156	0.112	0.164	0.214
>14.8 to 15.6 microns	0.164	0.151	0.107	0.161	0.211
>15.6 to 16 microns	0.081	0.074	0.052	0.080	0.105
>16 to 20 microns	0.739	0.661	0.454	0.729	0.967
>20 to 23 microns, Phi 5.5	0.503	0.428	0.276	0.503	0.674
>23 to 27 microns	0.659	0.525	0.296	0.674	0.904
>27 to 31 microns, Phi 5	0.702	0.519	0.232	0.741	0.985
>31 to 32 microns	0.195	0.137	0.049	0.210	0.278
>32 to 35.6 microns	0.755	0.519	0.158	0.824	1.090
>35.6 to 37 microns, Phi 4.75	0.338	0.225	0.053	0.374	0.491
>37 to 39.6 microns	0.641	0.425	0.091	0.712	0.931
>39.6 to 43.6 microns	1.320	0.860	0.117	1.480	1.920
>43.6 to 44 microns, Phi 4.5	0.126	0.082	0.011	0.141	0.182
>44 to 45 microns	0.321	0.209	0.027	0.360	0.464
>45 to 46.4 microns	0.696	0.456	0.034	0.779	0.970
>46.4 to 53 microns, Phi 4.25	3.460	2.300	0.144	3.850	4.710
>53 to 62.5 microns, Phi 4	7.460	5.360	0.165	8.070	9.120
>62.5 to 64 microns	1.400	1.050	0.023	1.480	1.600
>64 to 71.7 microns	8.020	6.530	0.108	8.240	8.560

Sediment Mapping Project
Grain Size
(all values are in percent distribution)

From 01-JUL-2004 to 01-SEP-2004

Analyte	I-30 DUP 13-JUL-2004 P264503	SM138 20-JUL-2004 P265257	SM119 22-JUL-2004 P265489	SM144 20-JUL-2004 P265258	SM145 20-JUL-2004 P265259
>71.7 to 74 microns	2.560	2.180	0.029	2.570	2.590
>74 to 79.6 microns	6.290	5.710	0.068	6.180	6.100
>79.6 to 87.6 microns	9.020	8.820	0.089	8.580	8.230
>87.6 to 88 microns, Phi 3.5	0.429	0.420	0.004	0.408	0.391
>88 to 90 microns	2.080	2.230	0.022	1.920	1.810
>90 to 105 microns, Phi 3.25	13.700	15.400	0.155	12.400	11.600
>105 to 125 microns, Phi 3	12.100	15.000	0.208	10.800	10.200
>125 to 149 microns, Phi 2.75	8.200	10.600	0.278	7.360	7.230
>149 to 160 microns	2.220	2.880	0.156	2.040	2.060
>160 to 177 microns, Phi 2.5	2.570	3.320	0.258	2.400	2.460
>177 to 197 microns	1.870	2.340	0.381	1.800	1.880
>197 to 210 microns, Phi 2.25	0.830	1.000	0.328	0.825	0.865
>210 to 217 microns	0.381	0.453	0.184	0.384	0.403
>217 to 245 microns	1.170	1.350	0.925	1.210	1.260
>245 to 250 microns, Phi 2	0.163	0.182	0.187	0.173	0.178
>250 to 300 microns, Phi 1.75	1.190	1.270	2.510	1.310	1.310
>300 to 320 microns	0.311	0.303	1.600	0.368	0.336
>320 to 350 microns, Phi 1.5	0.419	0.403	2.480	0.502	0.449
>350 to 360 microns	0.119	0.108	1.100	0.148	0.122
>360 to 400 microns	0.442	0.397	4.360	0.556	0.451
>400 to 420 microns, Phi 1.25	0.200	0.169	2.790	0.261	0.191
>420 to 440 microns	0.191	0.161	2.660	0.249	0.183
>440 to 500 microns, Phi 1	0.542	0.436	9.450	0.733	0.484
>500 to 590 microns, Phi 0.75	0.743	0.569	15.400	1.050	0.127
>590 to 630 microns	0.308	0.227	6.760	0.459	0.000
>630 to 696 microns	0.416	0.256	10.100	0.702	0.000
>696 to 710 microns, Phi 0.5	0.052	0.000	1.890	0.142	0.000
>710 to 773 microns	0.223	0.000	8.050	0.605	0.000
>773 to 840 microns, Phi 0.25	0.014	0.000	6.310	0.345	0.000
>840 to 850 microns	0.000	0.000	0.882	0.047	0.000
>850 to 930 microns	0.000	0.000	5.620	0.182	0.000
>930 to 1000 microns, Phi 0	0.000	0.000	3.610	0.000	0.000
1000 to 1100 microns	0.000	0.000	3.050	0.000	0.000
>1100 to 1190 microns, Phi -0.25	0.000	0.000	1.880	0.000	0.000
>1190 to 1300 microns	0.000	0.000	1.120	0.000	0.000
>1300 to 1410 microns, Phi -0.5	0.000	0.000	0.621	0.000	0.000
>1410 to 1680 microns, Phi -0.75	0.000	0.000	0.411	0.000	0.000
>1680 to 2000 microns, Phi -1	0.000	0.000	0.000	0.000	0.000
Totals:	100.042	99.950	100.110	99.994	99.942

Sediment Mapping Project
Grain Size
(all values are in percent distribution)

From 01-JUL-2004 to 01-SEP-2004

Analyte	SM146 20-JUL-2004 P265260	SM147 20-JUL-2004 P265261	SM148 20-JUL-2004 P265262	SM149 20-JUL-2004 P265263	SM150 20-JUL-2004 P265264
<0.500 microns, Phi 11	0.000	0.000	0.000	0.000	0.000
>0.5 to 1 microns, Phi 10	0.000	0.000	0.000	0.000	0.000
>1 to 1.5 microns, Phi 9.5	0.000	0.000	0.000	0.000	0.000
>1.5 to 2 microns, Phi 9	0.008	0.060	0.000	0.008	0.000
>2.0 to 2.4 microns	0.153	0.160	0.047	0.155	0.000
>2.4 to 2.9 microns, Phi 8.5	0.192	0.201	0.171	0.193	0.000
>2.9 to 3.4 microns	0.193	0.202	0.171	0.192	0.000
>3.4 to 3.9 microns, Phi 8	0.201	0.210	0.176	0.197	0.000
>3.9 to 4 microns	0.042	0.044	0.036	0.041	0.000
>4.0 to 4.3 microns	0.121	0.125	0.105	0.116	0.000
>4.3 to 4.5 microns	0.078	0.080	0.067	0.075	0.000
>4.5 to 5 microns	0.205	0.210	0.176	0.194	0.000
>5 to 5.5 microns	0.204	0.207	0.173	0.190	0.000
>5.5 to 5.7 microns	0.079	0.080	0.067	0.073	0.000
>5.7 to 5.9 microns, Phi 7.5	0.078	0.078	0.065	0.072	0.000
>5.9 to 7.8 microns, Phi 7	0.744	0.727	0.609	0.661	0.011
>7.8 to 8 microns	0.077	0.073	0.061	0.066	0.021
>8 to 8.5 microns	0.185	0.175	0.147	0.158	0.051
>8.5 to 8.9 microns	0.143	0.134	0.113	0.122	0.040
>8.9 to 9.1 microns	0.073	0.068	0.057	0.062	0.021
>9.1 to 9.5 microns	0.142	0.132	0.111	0.119	0.040
>9.5 to 9.8 microns	0.103	0.095	0.080	0.086	0.029
>9.8 to 10.1 microns	0.100	0.093	0.078	0.084	0.028
>10.1 to 10.6 microns	0.173	0.157	0.132	0.142	0.050
>10.6 to 11.1 microns	0.165	0.149	0.126	0.135	0.048
>11.1 to 11.3 microns	0.064	0.058	0.049	0.052	0.019
>11.3 to 11.7 microns, Phi 6.5	0.126	0.114	0.096	0.103	0.037
>11.7 to 14 microns	0.679	0.604	0.515	0.553	0.203
>14 to 14.8 microns	0.218	0.192	0.164	0.176	0.066
>14.8 to 15.6 microns	0.213	0.188	0.162	0.174	0.063
>15.6 to 16 microns	0.105	0.093	0.080	0.087	0.031
>16 to 20 microns	0.958	0.843	0.735	0.796	0.275
>20 to 23 microns, Phi 5.5	0.642	0.573	0.508	0.556	0.172
>23 to 27 microns	0.807	0.750	0.681	0.752	0.189
>27 to 31 microns, Phi 5	0.817	0.797	0.746	0.826	0.154
>31 to 32 microns	0.220	0.221	0.211	0.233	0.034
>32 to 35.6 microns	0.850	0.851	0.829	0.909	0.113
>35.6 to 37 microns, Phi 4.75	0.378	0.379	0.376	0.410	0.040
>37 to 39.6 microns	0.717	0.717	0.716	0.778	0.071
>39.6 to 43.6 microns	1.480	1.460	1.490	1.610	0.102
>43.6 to 44 microns, Phi 4.5	0.140	0.139	0.142	0.152	0.010
>44 to 45 microns	0.358	0.354	0.363	0.390	0.024
>45 to 46.4 microns	0.757	0.755	0.787	0.838	0.034
>46.4 to 53 microns, Phi 4.25	3.720	3.730	3.910	4.140	0.152
>53 to 62.5 microns, Phi 4	7.680	7.840	8.280	8.670	0.217
>62.5 to 64 microns	1.420	1.450	1.530	1.590	0.034
>64 to 71.7 microns	8.040	8.150	8.610	8.850	0.185

Sediment Mapping Project
Grain Size
(all values are in percent distribution)

From 01-JUL-2004 to 01-SEP-2004

Analyte	SM146 20-JUL-2004 P265260	SM147 20-JUL-2004 P265261	SM148 20-JUL-2004 P265262	SM149 20-JUL-2004 P265263	SM150 20-JUL-2004 P265264
>71.7 to 74 microns	2.550	2.570	2.710	2.760	0.056
>74 to 79.6 microns	6.240	6.230	6.550	6.620	0.146
>79.6 to 87.6 microns	8.890	8.790	9.190	9.160	0.222
>87.6 to 88 microns, Phi 3.5	0.423	0.418	0.437	0.436	0.011
>88 to 90 microns	2.050	2.000	2.080	2.050	0.067
>90 to 105 microns, Phi 3.25	13.500	13.100	13.600	13.200	0.555
>105 to 125 microns, Phi 3	12.100	11.600	11.900	11.400	1.060
>125 to 149 microns, Phi 2.75	8.470	7.960	8.090	7.640	1.940
>149 to 160 microns	2.320	2.170	2.190	2.050	1.310
>160 to 177 microns, Phi 2.5	2.710	2.530	2.540	2.380	2.270
>177 to 197 microns	1.950	1.840	1.830	1.710	3.500
>197 to 210 microns, Phi 2.25	0.848	0.818	0.806	0.748	2.820
>210 to 217 microns	0.385	0.375	0.367	0.341	1.560
>217 to 245 microns	1.150	1.150	1.120	1.030	6.800
>245 to 250 microns, Phi 2	0.154	0.160	0.153	0.141	1.270
>250 to 300 microns, Phi 1.75	1.050	1.160	1.080	0.997	12.900
>300 to 320 microns	0.232	0.299	0.259	0.240	4.940
>320 to 350 microns, Phi 1.5	0.303	0.401	0.343	0.319	6.800
>350 to 360 microns	0.074	0.112	0.089	0.084	2.040
>360 to 400 microns	0.269	0.413	0.327	0.309	7.530
>400 to 420 microns, Phi 1.25	0.101	0.182	0.131	0.128	3.170
>420 to 440 microns	0.097	0.174	0.125	0.122	3.030
>440 to 500 microns, Phi 1	0.231	0.480	0.315	0.322	7.480
>500 to 590 microns, Phi 0.75	0.059	0.641	0.081	0.084	8.290
>590 to 630 microns	0.000	0.262	0.000	0.000	2.620
>630 to 696 microns	0.000	0.329	0.000	0.000	3.700
>696 to 710 microns, Phi 0.5	0.000	0.026	0.000	0.000	0.612
>710 to 773 microns	0.000	0.109	0.000	0.000	2.610
>773 to 840 microns, Phi 0.25	0.000	0.007	0.000	0.000	1.970
>840 to 850 microns	0.000	0.000	0.000	0.000	0.275
>850 to 930 microns	0.000	0.000	0.000	0.000	1.790
>930 to 1000 microns, Phi 0	0.000	0.000	0.000	0.000	1.190
1000 to 1100 microns	0.000	0.000	0.000	0.000	1.100
>1100 to 1190 microns, Phi -0.25	0.000	0.000	0.000	0.000	0.720
>1190 to 1300 microns	0.000	0.000	0.000	0.000	0.498
>1300 to 1410 microns, Phi -0.5	0.000	0.000	0.000	0.000	0.325
>1410 to 1680 microns, Phi -0.75	0.000	0.000	0.000	0.000	0.259
>1680 to 2000 microns, Phi -1	0.000	0.000	0.000	0.000	0.000
Totals:	100.004	100.024	100.061	100.057	100.000

Sediment Mapping Project
Grain Size
(all values are in percent distribution)

From 01-JUL-2004 to 01-SEP-2004

Analyte	SM151 20-JUL-2004 P265265	SM152 20-JUL-2004 P265266	SM143 20-JUL-2004 P265304	SM142 20-JUL-2004 P265305	SM139 20-JUL-2004 P265306
<0.500 microns, Phi 11	0.000	0.000	0.000	0.000	0.000
>0.5 to 1 microns, Phi 10	0.000	0.000	0.000	0.000	0.000
>1 to 1.5 microns, Phi 9.5	0.000	0.000	0.000	0.000	0.000
>1.5 to 2 microns, Phi 9	0.008	0.000	0.115	0.008	0.000
>2.0 to 2.4 microns	0.150	0.000	0.173	0.151	0.044
>2.4 to 2.9 microns, Phi 8.5	0.187	0.000	0.215	0.188	0.160
>2.9 to 3.4 microns	0.187	0.000	0.213	0.186	0.156
>3.4 to 3.9 microns, Phi 8	0.193	0.000	0.218	0.191	0.157
>3.9 to 4 microns	0.040	0.000	0.046	0.040	0.033
>4.0 to 4.3 microns	0.115	0.000	0.131	0.114	0.094
>4.3 to 4.5 microns	0.074	0.000	0.084	0.073	0.061
>4.5 to 5 microns	0.192	0.000	0.220	0.191	0.158
>5 to 5.5 microns	0.189	0.000	0.218	0.188	0.159
>5.5 to 5.7 microns	0.073	0.000	0.084	0.072	0.061
>5.7 to 5.9 microns, Phi 7.5	0.072	0.000	0.083	0.071	0.061
>5.9 to 7.8 microns, Phi 7	0.666	0.000	0.788	0.667	0.589
>7.8 to 8 microns	0.067	0.000	0.081	0.068	0.063
>8 to 8.5 microns	0.160	0.000	0.195	0.162	0.152
>8.5 to 8.9 microns	0.123	0.000	0.151	0.125	0.118
>8.9 to 9.1 microns	0.062	0.000	0.077	0.063	0.062
>9.1 to 9.5 microns	0.121	0.000	0.150	0.123	0.120
>9.5 to 9.8 microns	0.087	0.000	0.108	0.089	0.087
>9.8 to 10.1 microns	0.085	0.000	0.105	0.086	0.085
>10.1 to 10.6 microns	0.144	0.000	0.182	0.147	0.152
>10.6 to 11.1 microns	0.137	0.000	0.174	0.140	0.145
>11.1 to 11.3 microns	0.053	0.000	0.067	0.054	0.056
>11.3 to 11.7 microns, Phi 6.5	0.104	0.000	0.133	0.107	0.113
>11.7 to 14 microns	0.554	0.000	0.719	0.571	0.632
>14 to 14.8 microns	0.176	0.000	0.231	0.182	0.208
>14.8 to 15.6 microns	0.172	0.000	0.227	0.177	0.207
>15.6 to 16 microns	0.085	0.000	0.112	0.088	0.104
>16 to 20 microns	0.769	0.000	1.020	0.794	0.963
>20 to 23 microns, Phi 5.5	0.520	0.000	0.692	0.532	0.671
>23 to 27 microns	0.676	0.000	0.879	0.678	0.841
>27 to 31 microns, Phi 5	0.711	0.000	0.895	0.700	0.803
>31 to 32 microns	0.195	0.000	0.241	0.191	0.202
>32 to 35.6 microns	0.753	0.000	0.918	0.740	0.732
>35.6 to 37 microns, Phi 4.75	0.334	0.000	0.403	0.331	0.300
>37 to 39.6 microns	0.635	0.000	0.761	0.629	0.554
>39.6 to 43.6 microns	1.320	0.000	1.540	1.310	1.030
>43.6 to 44 microns, Phi 4.5	0.125	0.000	0.146	0.125	0.098
>44 to 45 microns	0.321	0.000	0.373	0.319	0.248
>45 to 46.4 microns	0.714	0.000	0.783	0.698	0.492
>46.4 to 53 microns, Phi 4.25	3.590	0.000	3.840	3.480	2.420
>53 to 62.5 microns, Phi 4	8.000	0.000	7.860	7.540	5.170
>62.5 to 64 microns	1.510	0.000	1.430	1.420	0.988
>64 to 71.7 microns	8.620	0.046	8.010	8.200	6.060

Sediment Mapping Project
Grain Size
(all values are in percent distribution)

From 01-JUL-2004 to 01-SEP-2004

Analyte	SM151 20-JUL-2004 P265265	SM152 20-JUL-2004 P265266	SM143 20-JUL-2004 P265304	SM142 20-JUL-2004 P265305	SM139 20-JUL-2004 P265306
>71.7 to 74 microns	2.740	0.024	2.510	2.630	2.010
>74 to 79.6 microns	6.660	0.065	6.100	6.500	5.280
>79.6 to 87.6 microns	9.420	0.105	8.600	9.400	8.210
>87.6 to 88 microns, Phi 3.5	0.448	0.005	0.409	0.447	0.390
>88 to 90 microns	2.140	0.035	1.970	2.190	2.120
>90 to 105 microns, Phi 3.25	13.900	0.307	12.900	14.400	15.000
>105 to 125 microns, Phi 3	12.100	0.683	11.600	12.800	15.300
>125 to 149 microns, Phi 2.75	8.160	1.430	8.020	8.610	11.400
>149 to 160 microns	2.190	1.070	2.200	2.270	3.130
>160 to 177 microns, Phi 2.5	2.530	1.950	2.570	2.590	3.610
>177 to 197 microns	1.820	3.240	1.870	1.790	2.510
>197 to 210 microns, Phi 2.25	0.791	2.790	0.829	0.760	1.050
>210 to 217 microns	0.359	1.570	0.379	0.341	0.464
>217 to 245 microns	1.080	7.090	1.160	1.010	1.340
>245 to 250 microns, Phi 2	0.146	1.350	0.159	0.133	0.173
>250 to 300 microns, Phi 1.75	1.020	14.000	1.140	0.900	1.130
>300 to 320 microns	0.234	5.370	0.285	0.197	0.227
>320 to 350 microns, Phi 1.5	0.308	7.350	0.381	0.258	0.293
>350 to 360 microns	0.077	2.160	0.104	0.064	0.068
>360 to 400 microns	0.281	7.920	0.384	0.233	0.247
>400 to 420 microns, Phi 1.25	0.108	3.250	0.166	0.090	0.090
>420 to 440 microns	0.103	3.100	0.158	0.086	0.086
>440 to 500 microns, Phi 1	0.246	7.540	0.430	0.213	0.203
>500 to 590 microns, Phi 0.75	0.063	8.320	0.560	0.055	0.051
>590 to 630 microns	0.000	2.670	0.014	0.000	0.000
>630 to 696 microns	0.000	3.810	0.000	0.000	0.000
>696 to 710 microns, Phi 0.5	0.000	0.647	0.000	0.000	0.000
>710 to 773 microns	0.000	2.760	0.000	0.000	0.000
>773 to 840 microns, Phi 0.25	0.000	2.170	0.000	0.000	0.000
>840 to 850 microns	0.000	0.304	0.000	0.000	0.000
>850 to 930 microns	0.000	2.010	0.000	0.000	0.000
>930 to 1000 microns, Phi 0	0.000	1.370	0.000	0.000	0.000
1000 to 1100 microns	0.000	1.300	0.000	0.000	0.000
>1100 to 1190 microns, Phi -0.25	0.000	0.859	0.000	0.000	0.000
>1190 to 1300 microns	0.000	0.598	0.000	0.000	0.000
>1300 to 1410 microns, Phi -0.5	0.000	0.391	0.000	0.000	0.000
>1410 to 1680 microns, Phi -0.75	0.000	0.312	0.000	0.000	0.000
>1680 to 2000 microns, Phi -1	0.000	0.000	0.000	0.000	0.000
Totals:	99.993	99.971	99.989	99.976	99.991

Sediment Mapping Project
Grain Size
(all values are in percent distribution)

From 01-JUL-2004 to 01-SEP-2004

Analyte	SM122 21-JUL-2004 P265343	SM127 21-JUL-2004 P265344	SM128 21-JUL-2004 P265345	SM129 21-JUL-2004 P265346	SM133 21-JUL-2004 P265347
<0.500 microns, Phi 11	0.000	0.000	0.000	0.000	0.000
>0.5 to 1 microns, Phi 10	0.000	0.000	0.000	0.000	0.000
>1 to 1.5 microns, Phi 9.5	0.000	0.000	0.000	0.000	0.000
>1.5 to 2 microns, Phi 9	0.000	0.000	0.000	0.000	0.234
>2.0 to 2.4 microns	0.000	0.000	0.000	0.000	0.199
>2.4 to 2.9 microns, Phi 8.5	0.000	0.000	0.000	0.000	0.246
>2.9 to 3.4 microns	0.000	0.000	0.000	0.000	0.242
>3.4 to 3.9 microns, Phi 8	0.116	0.000	0.000	0.000	0.247
>3.9 to 4 microns	0.025	0.000	0.000	0.000	0.051
>4.0 to 4.3 microns	0.071	0.000	0.000	0.000	0.145
>4.3 to 4.5 microns	0.046	0.005	0.005	0.000	0.093
>4.5 to 5 microns	0.122	0.084	0.080	0.000	0.241
>5 to 5.5 microns	0.122	0.085	0.080	0.000	0.237
>5.5 to 5.7 microns	0.047	0.033	0.031	0.000	0.091
>5.7 to 5.9 microns, Phi 7.5	0.047	0.032	0.031	0.005	0.089
>5.9 to 7.8 microns, Phi 7	0.447	0.315	0.295	0.250	0.829
>7.8 to 8 microns	0.046	0.033	0.031	0.026	0.085
>8 to 8.5 microns	0.111	0.079	0.074	0.063	0.203
>8.5 to 8.9 microns	0.086	0.061	0.057	0.049	0.157
>8.9 to 9.1 microns	0.044	0.032	0.029	0.025	0.081
>9.1 to 9.5 microns	0.085	0.061	0.057	0.049	0.156
>9.5 to 9.8 microns	0.062	0.044	0.041	0.036	0.113
>9.8 to 10.1 microns	0.060	0.043	0.040	0.034	0.109
>10.1 to 10.6 microns	0.103	0.075	0.069	0.060	0.189
>10.6 to 11.1 microns	0.098	0.071	0.066	0.058	0.180
>11.1 to 11.3 microns	0.038	0.028	0.026	0.022	0.070
>11.3 to 11.7 microns, Phi 6.5	0.075	0.055	0.051	0.044	0.139
>11.7 to 14 microns	0.405	0.298	0.276	0.241	0.762
>14 to 14.8 microns	0.129	0.096	0.089	0.078	0.248
>14.8 to 15.6 microns	0.126	0.093	0.086	0.075	0.249
>15.6 to 16 microns	0.062	0.046	0.042	0.037	0.126
>16 to 20 microns	0.558	0.411	0.379	0.333	1.180
>20 to 23 microns, Phi 5.5	0.367	0.268	0.247	0.215	0.864
>23 to 27 microns	0.447	0.318	0.291	0.250	1.210
>27 to 31 microns, Phi 5	0.426	0.292	0.261	0.222	1.360
>31 to 32 microns	0.108	0.072	0.062	0.053	0.386
>32 to 35.6 microns	0.393	0.257	0.216	0.185	1.510
>35.6 to 37 microns, Phi 4.75	0.161	0.103	0.083	0.071	0.684
>37 to 39.6 microns	0.296	0.187	0.149	0.128	1.290
>39.6 to 43.6 microns	0.526	0.322	0.241	0.207	2.610
>43.6 to 44 microns, Phi 4.5	0.050	0.031	0.023	0.020	0.248
>44 to 45 microns	0.125	0.076	0.057	0.049	0.629
>45 to 46.4 microns	0.222	0.131	0.092	0.077	1.260
>46.4 to 53 microns, Phi 4.25	1.030	0.603	0.420	0.349	5.950
>53 to 62.5 microns, Phi 4	1.690	0.966	0.642	0.519	10.500
>62.5 to 64 microns	0.278	0.157	0.102	0.082	1.750
>64 to 71.7 microns	1.440	0.814	0.522	0.419	8.850

Sediment Mapping Project
Grain Size
(all values are in percent distribution)

From 01-JUL-2004 to 01-SEP-2004

Analyte	SM122 21-JUL-2004 P265343	SM127 21-JUL-2004 P265344	SM128 21-JUL-2004 P265345	SM129 21-JUL-2004 P265346	SM133 21-JUL-2004 P265347
>71.7 to 74 microns	0.428	0.241	0.153	0.123	2.580
>74 to 79.6 microns	1.020	0.577	0.367	0.294	5.860
>79.6 to 87.6 microns	1.410	0.795	0.508	0.406	7.510
>87.6 to 88 microns, Phi 3.5	0.067	0.038	0.024	0.019	0.357
>88 to 90 microns	0.347	0.193	0.128	0.102	1.590
>90 to 105 microns, Phi 3.25	2.470	1.350	0.941	0.742	9.900
>105 to 125 microns, Phi 3	3.170	1.660	1.320	1.050	8.340
>125 to 149 microns, Phi 2.75	3.870	1.980	1.870	1.520	5.800
>149 to 160 microns	1.930	1.020	1.100	0.927	1.660
>160 to 177 microns, Phi 2.5	3.020	1.650	1.850	1.590	1.990
>177 to 197 microns	3.890	2.330	2.790	2.490	1.550
>197 to 210 microns, Phi 2.25	2.750	1.890	2.300	2.150	0.727
>210 to 217 microns	1.480	1.050	1.280	1.210	0.341
>217 to 245 microns	6.020	4.830	5.810	5.630	1.080
>245 to 250 microns, Phi 2	1.080	0.930	1.110	1.090	0.156
>250 to 300 microns, Phi 1.75	10.300	10.400	11.800	12.000	1.180
>300 to 320 microns	3.670	4.590	4.750	4.910	0.322
>320 to 350 microns, Phi 1.5	5.010	6.420	6.550	6.780	0.435
>350 to 360 microns	1.460	2.050	1.980	2.050	0.123
>360 to 400 microns	5.360	7.590	7.310	7.570	0.457
>400 to 420 microns, Phi 1.25	2.210	3.280	3.050	3.170	0.202
>420 to 440 microns	2.110	3.130	2.910	3.020	0.192
>440 to 500 microns, Phi 1	5.210	7.710	7.100	7.440	0.527
>500 to 590 microns, Phi 0.75	5.880	8.470	7.880	8.360	0.691
>590 to 630 microns	1.970	2.690	2.600	2.790	0.160
>630 to 696 microns	2.850	3.840	3.750	4.020	0.172
>696 to 710 microns, Phi 0.5	0.503	0.648	0.659	0.707	0.000
>710 to 773 microns	2.150	2.770	2.810	3.020	0.000
>773 to 840 microns, Phi 0.25	1.750	2.160	2.290	2.460	0.000
>840 to 850 microns	0.245	0.301	0.322	0.345	0.000
>850 to 930 microns	1.640	1.990	2.160	2.310	0.000
>930 to 1000 microns, Phi 0	1.140	1.360	1.500	1.600	0.000
1000 to 1100 microns	1.080	1.280	1.420	1.510	0.000
>1100 to 1190 microns, Phi -0.25	0.720	0.846	0.945	0.993	0.000
>1190 to 1300 microns	0.500	0.584	0.654	0.672	0.000
>1300 to 1410 microns, Phi -0.5	0.327	0.382	0.387	0.393	0.000
>1410 to 1680 microns, Phi -0.75	0.261	0.304	0.278	0.278	0.000
>1680 to 2000 microns, Phi -1	0.000	0.000	0.000	0.000	0.000
Totals:	99.988	100.006	99.999	100.072	99.994

Sediment Mapping Project
Grain Size
(all values are in percent distribution)

From 01-JUL-2004 to 01-SEP-2004

Analyte	SM134 21-JUL-2004 P265348	SM135 21-JUL-2004 P265349	SM136 21-JUL-2004 P265350	SM137 21-JUL-2004 P265351	SM141 21-JUL-2004 P265352
<0.500 microns, Phi 11	0.000	0.000	0.000	0.000	0.000
>0.5 to 1 microns, Phi 10	0.000	0.000	0.000	0.000	0.000
>1 to 1.5 microns, Phi 9.5	0.000	0.000	0.000	0.000	0.000
>1.5 to 2 microns, Phi 9	0.000	0.000	0.000	0.236	0.000
>2.0 to 2.4 microns	0.000	0.000	0.000	0.200	0.000
>2.4 to 2.9 microns, Phi 8.5	0.000	0.000	0.000	0.246	0.000
>2.9 to 3.4 microns	0.000	0.000	0.000	0.241	0.000
>3.4 to 3.9 microns, Phi 8	0.000	0.000	0.000	0.244	0.000
>3.9 to 4 microns	0.020	0.000	0.010	0.050	0.000
>4.0 to 4.3 microns	0.059	0.000	0.029	0.142	0.000
>4.3 to 4.5 microns	0.038	0.000	0.021	0.091	0.000
>4.5 to 5 microns	0.105	0.000	0.094	0.234	0.000
>5 to 5.5 microns	0.105	0.000	0.094	0.228	0.000
>5.5 to 5.7 microns	0.041	0.000	0.037	0.087	0.000
>5.7 to 5.9 microns, Phi 7.5	0.040	0.004	0.036	0.086	0.005
>5.9 to 7.8 microns, Phi 7	0.394	0.237	0.352	0.784	0.245
>7.8 to 8 microns	0.041	0.025	0.037	0.079	0.026
>8 to 8.5 microns	0.097	0.061	0.089	0.190	0.062
>8.5 to 8.9 microns	0.075	0.047	0.069	0.146	0.048
>8.9 to 9.1 microns	0.038	0.025	0.036	0.075	0.025
>9.1 to 9.5 microns	0.074	0.047	0.070	0.145	0.049
>9.5 to 9.8 microns	0.053	0.034	0.051	0.105	0.035
>9.8 to 10.1 microns	0.052	0.033	0.049	0.102	0.034
>10.1 to 10.6 microns	0.089	0.059	0.086	0.174	0.060
>10.6 to 11.1 microns	0.085	0.056	0.082	0.166	0.058
>11.1 to 11.3 microns	0.033	0.022	0.032	0.064	0.022
>11.3 to 11.7 microns, Phi 6.5	0.064	0.043	0.063	0.128	0.044
>11.7 to 14 microns	0.334	0.237	0.343	0.704	0.238
>14 to 14.8 microns	0.104	0.077	0.111	0.229	0.076
>14.8 to 15.6 microns	0.098	0.073	0.108	0.231	0.072
>15.6 to 16 microns	0.046	0.036	0.054	0.117	0.035
>16 to 20 microns	0.401	0.318	0.484	1.110	0.306
>20 to 23 microns, Phi 5.5	0.233	0.198	0.321	0.831	0.184
>23 to 27 microns	0.244	0.216	0.386	1.200	0.193
>27 to 31 microns, Phi 5	0.191	0.172	0.358	1.400	0.149
>31 to 32 microns	0.041	0.037	0.088	0.409	0.031
>32 to 35.6 microns	0.135	0.118	0.313	1.630	0.101
>35.6 to 37 microns, Phi 4.75	0.047	0.040	0.124	0.752	0.034
>37 to 39.6 microns	0.083	0.069	0.223	1.430	0.059
>39.6 to 43.6 microns	0.116	0.094	0.368	2.940	0.077
>43.6 to 44 microns, Phi 4.5	0.011	0.009	0.035	0.279	0.007
>44 to 45 microns	0.027	0.022	0.087	0.707	0.017
>45 to 46.4 microns	0.039	0.031	0.140	1.420	0.000
>46.4 to 53 microns, Phi 4.25	0.171	0.136	0.630	6.670	0.000
>53 to 62.5 microns, Phi 4	0.235	0.189	0.925	11.400	0.000
>62.5 to 64 microns	0.036	0.029	0.145	1.870	0.000
>64 to 71.7 microns	0.187	0.154	0.741	9.220	0.047

Sediment Mapping Project
Grain Size
(all values are in percent distribution)

From 01-JUL-2004 to 01-SEP-2004

Analyte	SM134 21-JUL-2004 P265348	SM135 21-JUL-2004 P265349	SM136 21-JUL-2004 P265350	SM137 21-JUL-2004 P265351	SM141 21-JUL-2004 P265352
>71.7 to 74 microns	0.055	0.046	0.218	2.630	0.025
>74 to 79.6 microns	0.137	0.115	0.532	5.890	0.060
>79.6 to 87.6 microns	0.197	0.170	0.755	7.360	0.086
>87.6 to 88 microns, Phi 3.5	0.009	0.008	0.036	0.350	0.004
>88 to 90 microns	0.052	0.049	0.202	1.520	0.023
>90 to 105 microns, Phi 3.25	0.395	0.388	1.540	9.380	0.180
>105 to 125 microns, Phi 3	0.568	0.665	2.430	7.830	0.297
>125 to 149 microns, Phi 2.75	0.746	1.080	3.690	5.510	0.486
>149 to 160 microns	0.389	0.684	2.170	1.610	0.317
>160 to 177 microns, Phi 2.5	0.620	1.180	3.570	1.960	0.556
>177 to 197 microns	0.841	1.820	4.970	1.560	0.896
>197 to 210 microns, Phi 2.25	0.657	1.550	3.610	0.737	0.802
>210 to 217 microns	0.361	0.870	1.950	0.348	0.454
>217 to 245 microns	1.670	4.100	7.820	1.100	2.230
>245 to 250 microns, Phi 2	0.323	0.799	1.380	0.159	0.444
>250 to 300 microns, Phi 1.75	3.900	9.170	12.600	1.190	5.410
>300 to 320 microns	2.130	4.250	4.060	0.308	2.820
>320 to 350 microns, Phi 1.5	3.180	6.030	5.450	0.411	4.130
>350 to 360 microns	1.270	2.040	1.490	0.110	1.570
>360 to 400 microns	4.960	7.660	5.440	0.403	6.040
>400 to 420 microns, Phi 1.25	2.860	3.600	2.150	0.165	3.310
>420 to 440 microns	2.730	3.430	2.050	0.157	3.160
>440 to 500 microns, Phi 1	8.850	9.190	4.940	0.398	9.880
>500 to 590 microns, Phi 0.75	13.200	11.100	5.500	0.103	14.200
>590 to 630 microns	5.580	3.820	1.830	0.000	5.620
>630 to 696 microns	8.380	5.490	2.640	0.000	8.240
>696 to 710 microns, Phi 0.5	1.610	0.947	0.465	0.000	1.480
>710 to 773 microns	6.860	4.040	1.980	0.000	6.320
>773 to 840 microns, Phi 0.25	5.770	3.140	1.630	0.000	4.890
>840 to 850 microns	0.812	0.439	0.229	0.000	0.684
>850 to 930 microns	5.350	2.870	1.540	0.000	4.380
>930 to 1000 microns, Phi 0	3.610	1.920	1.070	0.000	2.840
1000 to 1100 microns	3.150	1.760	1.040	0.000	2.460
>1100 to 1190 microns, Phi -0.25	1.970	1.140	0.696	0.000	1.540
>1190 to 1300 microns	1.160	0.754	0.495	0.000	0.943
>1300 to 1410 microns, Phi -0.5	0.627	0.437	0.310	0.000	0.533
>1410 to 1680 microns, Phi -0.75	0.650	0.306	0.237	0.000	0.360
>1680 to 2000 microns, Phi -1	0.117	0.000	0.000	0.000	0.000
Totals:	100.028	100.005	100.036	99.981	100.009

Sediment Mapping Project
Grain Size
(all values are in percent distribution)

From 01-JUL-2004 to 01-SEP-2004

Analyte	SM126 21-JUL-2004 P265391	SM125 21-JUL-2004 P265392	SM124 21-JUL-2004 P265393	SM123 21-JUL-2004 P265394	SM112 22-JUL-2004 P265485
<0.500 microns, Phi 11	0.000	0.000	0.000	0.000	0.000
>0.5 to 1 microns, Phi 10	0.000	0.000	0.000	0.000	0.000
>1 to 1.5 microns, Phi 9.5	0.000	0.000	0.000	0.000	0.000
>1.5 to 2 microns, Phi 9	0.000	0.000	0.123	0.000	0.000
>2.0 to 2.4 microns	0.000	0.043	0.187	0.048	0.000
>2.4 to 2.9 microns, Phi 8.5	0.000	0.163	0.232	0.176	0.000
>2.9 to 3.4 microns	0.000	0.172	0.231	0.179	0.000
>3.4 to 3.9 microns, Phi 8	0.107	0.187	0.236	0.187	0.000
>3.9 to 4 microns	0.023	0.040	0.049	0.039	0.000
>4.0 to 4.3 microns	0.067	0.114	0.141	0.112	0.000
>4.3 to 4.5 microns	0.043	0.074	0.090	0.072	0.005
>4.5 to 5 microns	0.115	0.198	0.236	0.189	0.089
>5 to 5.5 microns	0.115	0.198	0.234	0.186	0.089
>5.5 to 5.7 microns	0.045	0.077	0.090	0.072	0.034
>5.7 to 5.9 microns, Phi 7.5	0.044	0.076	0.089	0.071	0.034
>5.9 to 7.8 microns, Phi 7	0.425	0.732	0.840	0.666	0.322
>7.8 to 8 microns	0.044	0.076	0.087	0.068	0.033
>8 to 8.5 microns	0.106	0.181	0.208	0.163	0.079
>8.5 to 8.9 microns	0.082	0.140	0.161	0.126	0.060
>8.9 to 9.1 microns	0.042	0.072	0.083	0.064	0.031
>9.1 to 9.5 microns	0.082	0.139	0.161	0.125	0.059
>9.5 to 9.8 microns	0.059	0.100	0.116	0.090	0.043
>9.8 to 10.1 microns	0.058	0.097	0.113	0.087	0.042
>10.1 to 10.6 microns	0.100	0.168	0.196	0.150	0.071
>10.6 to 11.1 microns	0.095	0.160	0.187	0.143	0.068
>11.1 to 11.3 microns	0.037	0.062	0.072	0.055	0.026
>11.3 to 11.7 microns, Phi 6.5	0.073	0.122	0.144	0.109	0.052
>11.7 to 14 microns	0.390	0.652	0.782	0.590	0.272
>14 to 14.8 microns	0.125	0.208	0.253	0.189	0.086
>14.8 to 15.6 microns	0.121	0.201	0.250	0.186	0.082
>15.6 to 16 microns	0.059	0.098	0.125	0.092	0.040
>16 to 20 microns	0.532	0.879	1.150	0.841	0.348
>20 to 23 microns, Phi 5.5	0.345	0.567	0.799	0.573	0.216
>23 to 27 microns	0.412	0.679	1.040	0.736	0.244
>27 to 31 microns, Phi 5	0.384	0.638	1.080	0.754	0.207
>31 to 32 microns	0.096	0.161	0.292	0.203	0.047
>32 to 35.6 microns	0.345	0.583	1.110	0.771	0.157
>35.6 to 37 microns, Phi 4.75	0.140	0.238	0.484	0.336	0.056
>37 to 39.6 microns	0.255	0.437	0.909	0.630	0.098
>39.6 to 43.6 microns	0.443	0.774	1.790	1.230	0.138
>43.6 to 44 microns, Phi 4.5	0.042	0.073	0.170	0.117	0.013
>44 to 45 microns	0.105	0.184	0.432	0.296	0.032
>45 to 46.4 microns	0.183	0.324	0.866	0.583	0.045
>46.4 to 53 microns, Phi 4.25	0.844	1.500	4.160	2.780	0.197
>53 to 62.5 microns, Phi 4	1.390	2.440	7.870	5.080	0.261
>62.5 to 64 microns	0.230	0.401	1.380	0.875	0.039
>64 to 71.7 microns	1.220	2.090	7.460	4.680	0.195

Sediment Mapping Project
Grain Size
(all values are in percent distribution)

From 01-JUL-2004 to 01-SEP-2004

Analyte	SM126 21-JUL-2004 P265391	SM125 21-JUL-2004 P265392	SM124 21-JUL-2004 P265393	SM123 21-JUL-2004 P265394	SM112 22-JUL-2004 P265485
>71.7 to 74 microns	0.370	0.622	2.280	1.420	0.056
>74 to 79.6 microns	0.909	1.500	5.460	3.430	0.133
>79.6 to 87.6 microns	1.300	2.090	7.560	4.780	0.182
>87.6 to 88 microns, Phi 3.5	0.062	0.100	0.359	0.227	0.009
>88 to 90 microns	0.338	0.520	1.730	1.140	0.046
>90 to 105 microns, Phi 3.25	2.490	3.730	11.400	7.890	0.334
>105 to 125 microns, Phi 3	3.470	4.790	10.600	8.780	0.455
>125 to 149 microns, Phi 2.75	4.590	5.760	7.930	8.560	0.593
>149 to 160 microns	2.420	2.790	2.360	3.320	0.316
>160 to 177 microns, Phi 2.5	3.860	4.270	2.880	4.580	0.513
>177 to 197 microns	5.100	5.220	2.280	4.560	0.721
>197 to 210 microns, Phi 2.25	3.590	3.460	1.070	2.520	0.587
>210 to 217 microns	1.930	1.830	0.504	1.260	0.326
>217 to 245 microns	7.660	7.030	1.590	4.350	1.570
>245 to 250 microns, Phi 2	1.340	1.210	0.229	0.680	0.309
>250 to 300 microns, Phi 1.75	12.200	10.700	1.700	5.440	3.910
>300 to 320 microns	3.850	3.330	0.443	1.530	2.280
>320 to 350 microns, Phi 1.5	5.160	4.460	0.591	2.050	3.450
>350 to 360 microns	1.380	1.190	0.160	0.551	1.440
>360 to 400 microns	5.040	4.310	0.588	2.020	5.610
>400 to 420 microns, Phi 1.25	1.940	1.610	0.245	0.820	3.300
>420 to 440 microns	1.850	1.540	0.234	0.782	3.150
>440 to 500 microns, Phi 1	4.370	3.460	0.605	1.970	10.100
>500 to 590 microns, Phi 0.75	4.750	3.400	0.498	1.610	14.600
>590 to 630 microns	1.560	0.950	0.010	0.319	5.740
>630 to 696 microns	2.250	1.310	0.000	0.409	8.430
>696 to 710 microns, Phi 0.5	0.397	0.203	0.000	0.051	1.520
>710 to 773 microns	1.690	0.868	0.000	0.219	6.480
>773 to 840 microns, Phi 0.25	1.200	0.495	0.000	0.014	5.070
>840 to 850 microns	0.167	0.067	0.000	0.000	0.709
>850 to 930 microns	1.080	0.400	0.000	0.000	4.570
>930 to 1000 microns, Phi 0	0.711	0.229	0.000	0.000	2.990
1000 to 1100 microns	0.662	0.061	0.000	0.000	2.600
>1100 to 1190 microns, Phi -0.25	0.421	0.000	0.000	0.000	1.640
>1190 to 1300 microns	0.229	0.000	0.000	0.000	1.010
>1300 to 1410 microns, Phi -0.5	0.150	0.000	0.000	0.000	0.568
>1410 to 1680 microns, Phi -0.75	0.120	0.000	0.000	0.000	0.618
>1680 to 2000 microns, Phi -1	0.000	0.000	0.000	0.000	0.111
Totals:	100.029	100.023	100.014	100.001	99.956

Sediment Mapping Project
Grain Size
(all values are in percent distribution)

From 01-JUL-2004 to 01-SEP-2004

Analyte	SM116 22-JUL-2004 P265486	SM117 22-JUL-2004 P265487	SM118 22-JUL-2004 P265488	SM120 22-JUL-2004 P265490	SM121 22-JUL-2004 P265491
<0.500 microns, Phi 11	0.000	0.000	0.000	0.000	0.000
>0.5 to 1 microns, Phi 10	0.000	0.000	0.000	0.000	0.000
>1 to 1.5 microns, Phi 9.5	0.000	0.000	0.000	0.000	0.000
>1.5 to 2 microns, Phi 9	0.000	0.000	0.000	0.000	0.000
>2.0 to 2.4 microns	0.000	0.000	0.000	0.000	0.000
>2.4 to 2.9 microns, Phi 8.5	0.000	0.000	0.000	0.000	0.000
>2.9 to 3.4 microns	0.000	0.000	0.000	0.000	0.000
>3.4 to 3.9 microns, Phi 8	0.000	0.000	0.000	0.116	0.000
>3.9 to 4 microns	0.000	0.000	0.000	0.025	0.000
>4.0 to 4.3 microns	0.000	0.000	0.000	0.072	0.000
>4.3 to 4.5 microns	0.003	0.000	0.000	0.046	0.005
>4.5 to 5 microns	0.043	0.000	0.000	0.126	0.087
>5 to 5.5 microns	0.071	0.000	0.000	0.126	0.087
>5.5 to 5.7 microns	0.031	0.000	0.000	0.049	0.034
>5.7 to 5.9 microns, Phi 7.5	0.031	0.000	0.000	0.048	0.033
>5.9 to 7.8 microns, Phi 7	0.285	0.000	0.000	0.460	0.324
>7.8 to 8 microns	0.029	0.000	0.000	0.047	0.034
>8 to 8.5 microns	0.068	0.000	0.000	0.112	0.082
>8.5 to 8.9 microns	0.052	0.000	0.000	0.086	0.063
>8.9 to 9.1 microns	0.026	0.000	0.000	0.044	0.033
>9.1 to 9.5 microns	0.051	0.000	0.000	0.085	0.063
>9.5 to 9.8 microns	0.037	0.000	0.000	0.061	0.046
>9.8 to 10.1 microns	0.036	0.000	0.000	0.060	0.045
>10.1 to 10.6 microns	0.060	0.000	0.000	0.102	0.078
>10.6 to 11.1 microns	0.057	0.000	0.000	0.097	0.075
>11.1 to 11.3 microns	0.022	0.000	0.000	0.038	0.029
>11.3 to 11.7 microns, Phi 6.5	0.043	0.000	0.000	0.074	0.057
>11.7 to 14 microns	0.221	0.042	0.000	0.386	0.310
>14 to 14.8 microns	0.069	0.042	0.000	0.121	0.100
>14.8 to 15.6 microns	0.064	0.040	0.000	0.115	0.096
>15.6 to 16 microns	0.031	0.020	0.000	0.055	0.047
>16 to 20 microns	0.264	0.173	0.000	0.481	0.419
>20 to 23 microns, Phi 5.5	0.156	0.101	0.000	0.290	0.266
>23 to 27 microns	0.169	0.000	0.000	0.317	0.300
>27 to 31 microns, Phi 5	0.141	0.000	0.000	0.261	0.251
>31 to 32 microns	0.032	0.000	0.000	0.058	0.056
>32 to 35.6 microns	0.110	0.000	0.000	0.194	0.184
>35.6 to 37 microns, Phi 4.75	0.041	0.000	0.000	0.069	0.064
>37 to 39.6 microns	0.073	0.007	0.000	0.122	0.113
>39.6 to 43.6 microns	0.115	0.075	0.000	0.176	0.156
>43.6 to 44 microns, Phi 4.5	0.011	0.007	0.000	0.017	0.015
>44 to 45 microns	0.027	0.018	0.000	0.041	0.036
>45 to 46.4 microns	0.043	0.026	0.000	0.058	0.051
>46.4 to 53 microns, Phi 4.25	0.194	0.117	0.000	0.252	0.222
>53 to 62.5 microns, Phi 4	0.300	0.170	0.000	0.322	0.296
>62.5 to 64 microns	0.049	0.027	0.000	0.047	0.045
>64 to 71.7 microns	0.268	0.144	0.048	0.224	0.223

Sediment Mapping Project
Grain Size
(all values are in percent distribution)

From 01-JUL-2004 to 01-SEP-2004

Analyte	SM116 22-JUL-2004 P265486	SM117 22-JUL-2004 P265487	SM118 22-JUL-2004 P265488	SM120 22-JUL-2004 P265490	SM121 22-JUL-2004 P265491
>71.7 to 74 microns	0.083	0.044	0.025	0.062	0.064
>74 to 79.6 microns	0.210	0.110	0.065	0.145	0.155
>79.6 to 87.6 microns	0.315	0.164	0.097	0.191	0.215
>87.6 to 88 microns, Phi 3.5	0.015	0.008	0.005	0.009	0.010
>88 to 90 microns	0.088	0.046	0.028	0.046	0.056
>90 to 105 microns, Phi 3.25	0.673	0.365	0.226	0.330	0.422
>105 to 125 microns, Phi 3	1.000	0.592	0.387	0.435	0.644
>125 to 149 microns, Phi 2.75	1.350	0.895	0.623	0.569	0.967
>149 to 160 microns	0.715	0.529	0.384	0.315	0.587
>160 to 177 microns, Phi 2.5	1.150	0.890	0.654	0.521	1.000
>177 to 197 microns	1.580	1.330	0.991	0.769	1.550
>197 to 210 microns, Phi 2.25	1.260	1.130	0.836	0.661	1.340
>210 to 217 microns	0.696	0.631	0.468	0.371	0.755
>217 to 245 microns	3.240	3.050	2.230	1.840	3.680
>245 to 250 microns, Phi 2	0.630	0.603	0.439	0.369	0.730
>250 to 300 microns, Phi 1.75	7.520	7.380	5.310	4.740	8.870
>300 to 320 microns	3.850	3.850	2.800	2.710	4.490
>320 to 350 microns, Phi 1.5	5.590	5.610	4.130	4.040	6.450
>350 to 360 microns	2.050	2.060	1.590	1.610	2.280
>360 to 400 microns	7.750	7.820	6.110	6.190	8.550
>400 to 420 microns, Phi 1.25	3.880	3.940	3.360	3.420	4.060
>420 to 440 microns	3.700	3.760	3.200	3.260	3.870
>440 to 500 microns, Phi 1	10.200	10.500	9.950	9.910	10.100
>500 to 590 microns, Phi 0.75	12.300	13.000	14.100	13.600	11.600
>590 to 630 microns	4.090	4.510	5.600	5.230	3.650
>630 to 696 microns	5.800	6.460	8.250	7.670	5.120
>696 to 710 microns, Phi 0.5	0.965	1.100	1.500	1.380	0.826
>710 to 773 microns	4.120	4.700	6.420	5.900	3.530
>773 to 840 microns, Phi 0.25	3.040	3.550	5.120	4.650	2.540
>840 to 850 microns	0.423	0.495	0.718	0.651	0.353
>850 to 930 microns	2.710	3.190	4.660	4.210	2.250
>930 to 1000 microns, Phi 0	1.760	2.080	3.090	2.780	1.450
1000 to 1100 microns	1.570	1.860	2.730	2.450	1.300
>1100 to 1190 microns, Phi -0.25	1.010	1.190	1.730	1.560	0.838
>1190 to 1300 microns	0.670	0.773	1.080	0.976	0.559
>1300 to 1410 microns, Phi -0.5	0.410	0.450	0.609	0.553	0.365
>1410 to 1680 microns, Phi -0.75	0.305	0.316	0.413	0.376	0.291
>1680 to 2000 microns, Phi -1	0.000	0.000	0.000	0.000	0.000
Totals:	100.041	99.990	99.976	99.979	99.942

Sediment Mapping Project
Grain Size
(all values are in percent distribution)

From 01-JUL-2004 to 01-SEP-2004

Analyte	SM130 22-JUL-2004 P265492	SM131 22-JUL-2004 P265493	SM132 22-JUL-2004 P265494	SM115 22-JUL-2004 P265531	SM114 22-JUL-2004 P265532
<0.500 microns, Phi 11	0.000	0.000	0.000	0.000	0.000
>0.5 to 1 microns, Phi 10	0.000	0.000	0.000	0.000	0.000
>1 to 1.5 microns, Phi 9.5	0.000	0.000	0.000	0.000	0.000
>1.5 to 2 microns, Phi 9	0.000	0.000	0.000	0.000	0.000
>2.0 to 2.4 microns	0.044	0.000	0.000	0.000	0.000
>2.4 to 2.9 microns, Phi 8.5	0.158	0.000	0.000	0.000	0.000
>2.9 to 3.4 microns	0.155	0.000	0.000	0.000	0.000
>3.4 to 3.9 microns, Phi 8	0.157	0.000	0.000	0.000	0.000
>3.9 to 4 microns	0.033	0.000	0.000	0.000	0.020
>4.0 to 4.3 microns	0.094	0.000	0.000	0.000	0.061
>4.3 to 4.5 microns	0.060	0.000	0.000	0.006	0.040
>4.5 to 5 microns	0.158	0.000	0.000	0.094	0.108
>5 to 5.5 microns	0.158	0.056	0.000	0.094	0.109
>5.5 to 5.7 microns	0.061	0.028	0.000	0.036	0.042
>5.7 to 5.9 microns, Phi 7.5	0.060	0.028	0.000	0.036	0.042
>5.9 to 7.8 microns, Phi 7	0.579	0.267	0.000	0.351	0.409
>7.8 to 8 microns	0.061	0.028	0.000	0.036	0.043
>8 to 8.5 microns	0.147	0.067	0.000	0.087	0.102
>8.5 to 8.9 microns	0.114	0.051	0.000	0.067	0.078
>8.9 to 9.1 microns	0.059	0.026	0.000	0.034	0.040
>9.1 to 9.5 microns	0.115	0.051	0.000	0.066	0.078
>9.5 to 9.8 microns	0.083	0.037	0.000	0.048	0.056
>9.8 to 10.1 microns	0.080	0.036	0.000	0.046	0.055
>10.1 to 10.6 microns	0.142	0.062	0.000	0.080	0.095
>10.6 to 11.1 microns	0.135	0.059	0.000	0.076	0.090
>11.1 to 11.3 microns	0.052	0.023	0.000	0.030	0.035
>11.3 to 11.7 microns, Phi 6.5	0.104	0.045	0.000	0.058	0.069
>11.7 to 14 microns	0.574	0.241	0.000	0.307	0.366
>14 to 14.8 microns	0.187	0.077	0.000	0.097	0.116
>14.8 to 15.6 microns	0.184	0.074	0.000	0.091	0.110
>15.6 to 16 microns	0.091	0.036	0.000	0.044	0.053
>16 to 20 microns	0.837	0.322	0.000	0.381	0.468
>20 to 23 microns, Phi 5.5	0.568	0.205	0.000	0.227	0.286
>23 to 27 microns	0.706	0.243	0.000	0.242	0.314
>27 to 31 microns, Phi 5	0.680	0.232	0.000	0.194	0.257
>31 to 32 microns	0.173	0.060	0.000	0.042	0.057
>32 to 35.6 microns	0.632	0.226	0.000	0.140	0.186
>35.6 to 37 microns, Phi 4.75	0.261	0.097	0.000	0.049	0.064
>37 to 39.6 microns	0.485	0.184	0.000	0.087	0.112
>39.6 to 43.6 microns	0.914	0.373	0.000	0.122	0.153
>43.6 to 44 microns, Phi 4.5	0.087	0.035	0.000	0.012	0.015
>44 to 45 microns	0.220	0.090	0.000	0.029	0.036
>45 to 46.4 microns	0.446	0.195	0.000	0.040	0.049
>46.4 to 53 microns, Phi 4.25	2.200	0.981	0.026	0.175	0.214
>53 to 62.5 microns, Phi 4	4.680	2.260	0.159	0.234	0.284
>62.5 to 64 microns	0.886	0.446	0.026	0.035	0.043
>64 to 71.7 microns	5.320	2.860	0.143	0.181	0.217

Sediment Mapping Project
Grain Size
(all values are in percent distribution)

From 01-JUL-2004 to 01-SEP-2004

Analyte	SM130 22-JUL-2004 P265492	SM131 22-JUL-2004 P265493	SM132 22-JUL-2004 P265494	SM115 22-JUL-2004 P265531	SM114 22-JUL-2004 P265532
>71.7 to 74 microns	1.750	0.972	0.044	0.053	0.063
>74 to 79.6 microns	4.540	2.680	0.115	0.129	0.154
>79.6 to 87.6 microns	6.980	4.380	0.177	0.184	0.218
>87.6 to 88 microns, Phi 3.5	0.332	0.208	0.008	0.009	0.010
>88 to 90 microns	1.800	1.260	0.052	0.049	0.058
>90 to 105 microns, Phi 3.25	12.800	9.630	0.429	0.369	0.434
>105 to 125 microns, Phi 3	13.700	12.600	0.762	0.536	0.644
>125 to 149 microns, Phi 2.75	11.200	13.100	1.270	0.718	0.900
>149 to 160 microns	3.460	4.980	0.816	0.379	0.499
>160 to 177 microns, Phi 2.5	4.270	6.740	1.410	0.606	0.817
>177 to 197 microns	3.400	6.300	2.190	0.822	1.160
>197 to 210 microns, Phi 2.25	1.590	3.240	1.860	0.636	0.930
>210 to 217 microns	0.746	1.580	1.040	0.350	0.515
>217 to 245 microns	2.340	5.160	4.860	1.600	2.400
>245 to 250 microns, Phi 2	0.334	0.765	0.943	0.307	0.467
>250 to 300 microns, Phi 1.75	2.460	5.700	10.600	3.670	5.590
>300 to 320 microns	0.637	1.430	4.730	1.980	2.940
>320 to 350 microns, Phi 1.5	0.852	1.890	6.660	2.970	4.330
>350 to 360 microns	0.232	0.486	2.190	1.200	1.660
>360 to 400 microns	0.859	1.780	8.160	4.700	6.370
>400 to 420 microns, Phi 1.25	0.366	0.704	3.700	2.780	3.440
>420 to 440 microns	0.349	0.671	3.530	2.650	3.280
>440 to 500 microns, Phi 1	0.936	1.690	9.160	8.910	9.810
>500 to 590 microns, Phi 0.75	0.778	1.380	10.600	13.900	13.200
>590 to 630 microns	0.154	0.274	3.500	6.000	4.910
>630 to 696 microns	0.166	0.295	4.980	8.990	7.140
>696 to 710 microns, Phi 0.5	0.000	0.000	0.841	1.710	1.260
>710 to 773 microns	0.000	0.000	3.590	7.290	5.380
>773 to 840 microns, Phi 0.25	0.000	0.000	2.760	5.900	4.150
>840 to 850 microns	0.000	0.000	0.386	0.827	0.580
>850 to 930 microns	0.000	0.000	2.530	5.340	3.740
>930 to 1000 microns, Phi 0	0.000	0.000	1.700	3.500	2.450
1000 to 1100 microns	0.000	0.000	1.580	3.000	2.160
>1100 to 1190 microns, Phi -0.25	0.000	0.000	1.030	1.870	1.370
>1190 to 1300 microns	0.000	0.000	0.701	1.110	0.865
>1300 to 1410 microns, Phi -0.5	0.000	0.000	0.413	0.616	0.492
>1410 to 1680 microns, Phi -0.75	0.000	0.000	0.294	0.406	0.544
>1680 to 2000 microns, Phi -1	0.000	0.000	0.000	0.000	0.098
Totals:	99.971	99.996	99.965	100.040	100.000

Sediment Mapping Project
Grain Size
(all values are in percent distribution)

From 01-JUL-2004 to 01-SEP-2004

Analyte	SM113 22-JUL-2004 P265533	SM101 27-JUL-2004 P265989	SM102 27-JUL-2004 P265990	SM103 27-JUL-2004 P265991	SM104 27-JUL-2004 P265992
<0.500 microns, Phi 11	0.000	0.000	0.000	0.000	0.000
>0.5 to 1 microns, Phi 10	0.000	0.000	0.000	0.000	0.000
>1 to 1.5 microns, Phi 9.5	0.000	0.000	0.000	0.000	0.000
>1.5 to 2 microns, Phi 9	0.000	0.000	0.238	0.000	0.007
>2.0 to 2.4 microns	0.000	0.000	0.201	0.044	0.145
>2.4 to 2.9 microns, Phi 8.5	0.000	0.000	0.249	0.161	0.179
>2.9 to 3.4 microns	0.000	0.102	0.245	0.161	0.176
>3.4 to 3.9 microns, Phi 8	0.000	0.123	0.249	0.167	0.178
>3.9 to 4 microns	0.018	0.026	0.051	0.035	0.037
>4.0 to 4.3 microns	0.054	0.074	0.146	0.100	0.106
>4.3 to 4.5 microns	0.035	0.048	0.093	0.064	0.068
>4.5 to 5 microns	0.095	0.125	0.241	0.168	0.176
>5 to 5.5 microns	0.096	0.125	0.235	0.165	0.173
>5.5 to 5.7 microns	0.037	0.048	0.090	0.064	0.067
>5.7 to 5.9 microns, Phi 7.5	0.037	0.047	0.089	0.063	0.066
>5.9 to 7.8 microns, Phi 7	0.358	0.450	0.816	0.584	0.613
>7.8 to 8 microns	0.037	0.046	0.083	0.059	0.063
>8 to 8.5 microns	0.089	0.109	0.198	0.140	0.150
>8.5 to 8.9 microns	0.068	0.084	0.153	0.108	0.116
>8.9 to 9.1 microns	0.035	0.043	0.078	0.055	0.060
>9.1 to 9.5 microns	0.068	0.083	0.152	0.106	0.115
>9.5 to 9.8 microns	0.049	0.060	0.110	0.076	0.083
>9.8 to 10.1 microns	0.048	0.058	0.106	0.074	0.081
>10.1 to 10.6 microns	0.082	0.098	0.183	0.125	0.140
>10.6 to 11.1 microns	0.078	0.094	0.175	0.119	0.133
>11.1 to 11.3 microns	0.030	0.036	0.068	0.046	0.052
>11.3 to 11.7 microns, Phi 6.5	0.060	0.071	0.135	0.091	0.102
>11.7 to 14 microns	0.314	0.374	0.740	0.481	0.560
>14 to 14.8 microns	0.099	0.118	0.241	0.152	0.181
>14.8 to 15.6 microns	0.094	0.113	0.243	0.148	0.181
>15.6 to 16 microns	0.045	0.055	0.123	0.073	0.091
>16 to 20 microns	0.391	0.488	1.160	0.657	0.844
>20 to 23 microns, Phi 5.5	0.234	0.310	0.857	0.438	0.603
>23 to 27 microns	0.252	0.375	1.220	0.561	0.821
>27 to 31 microns, Phi 5	0.203	0.367	1.380	0.582	0.897
>31 to 32 microns	0.044	0.096	0.394	0.159	0.251
>32 to 35.6 microns	0.144	0.361	1.530	0.608	0.973
>35.6 to 37 microns, Phi 4.75	0.050	0.155	0.682	0.268	0.434
>37 to 39.6 microns	0.087	0.293	1.280	0.507	0.821
>39.6 to 43.6 microns	0.116	0.590	2.530	1.040	1.660
>43.6 to 44 microns, Phi 4.5	0.011	0.056	0.240	0.098	0.158
>44 to 45 microns	0.027	0.144	0.607	0.252	0.403
>45 to 46.4 microns	0.036	0.317	1.190	0.549	0.841
>46.4 to 53 microns, Phi 4.25	0.156	1.620	5.660	2.760	4.110
>53 to 62.5 microns, Phi 4	0.196	4.000	10.100	6.260	8.240
>62.5 to 64 microns	0.029	0.812	1.700	1.210	1.480
>64 to 71.7 microns	0.141	5.330	8.700	7.260	8.150

Sediment Mapping Project
Grain Size
(all values are in percent distribution)

From 01-JUL-2004 to 01-SEP-2004

Analyte	SM113 22-JUL-2004 P265533	SM101 27-JUL-2004 P265989	SM102 27-JUL-2004 P265990	SM103 27-JUL-2004 P265991	SM104 27-JUL-2004 P265992
>71.7 to 74 microns	0.040	1.840	2.560	2.380	2.520
>74 to 79.6 microns	0.095	5.040	5.860	6.030	6.040
>79.6 to 87.6 microns	0.131	8.220	7.600	9.000	8.360
>87.6 to 88 microns, Phi 3.5	0.006	0.391	0.362	0.428	0.397
>88 to 90 microns	0.033	2.230	1.620	2.170	1.870
>90 to 105 microns, Phi 3.25	0.247	16.100	10.100	14.600	12.100
>105 to 125 microns, Phi 3	0.357	16.800	8.460	13.400	10.500
>125 to 149 microns, Phi 2.75	0.505	12.200	5.750	9.200	7.180
>149 to 160 microns	0.291	3.270	1.610	2.460	1.970
>160 to 177 microns, Phi 2.5	0.487	3.720	1.910	2.840	2.310
>177 to 197 microns	0.728	2.540	1.450	2.010	1.710
>197 to 210 microns, Phi 2.25	0.624	1.060	0.668	0.876	0.776
>210 to 217 microns	0.350	0.474	0.312	0.398	0.360
>217 to 245 microns	1.730	1.400	0.981	1.210	1.130
>245 to 250 microns, Phi 2	0.347	0.185	0.140	0.165	0.160
>250 to 300 microns, Phi 1.75	4.490	1.280	1.060	1.180	1.210
>300 to 320 microns	2.630	0.303	0.290	0.300	0.337
>320 to 350 microns, Phi 1.5	3.960	0.405	0.393	0.404	0.459
>350 to 360 microns	1.610	0.110	0.114	0.114	0.136
>360 to 400 microns	6.260	0.410	0.424	0.424	0.511
>400 to 420 microns, Phi 1.25	3.550	0.183	0.194	0.193	0.243
>420 to 440 microns	3.380	0.174	0.185	0.184	0.232
>440 to 500 microns, Phi 1	10.400	0.500	0.532	0.532	0.695
>500 to 590 microns, Phi 0.75	14.400	0.712	0.744	0.759	1.030
>590 to 630 microns	5.430	0.318	0.321	0.337	0.469
>630 to 696 microns	7.910	0.495	0.492	0.522	0.730
>696 to 710 microns, Phi 0.5	1.410	0.104	0.100	0.108	0.154
>710 to 773 microns	6.000	0.444	0.428	0.463	0.656
>773 to 840 microns, Phi 0.25	4.680	0.436	0.244	0.264	0.375
>840 to 850 microns	0.654	0.062	0.033	0.036	0.051
>850 to 930 microns	4.230	0.370	0.129	0.140	0.302
>930 to 1000 microns, Phi 0	2.780	0.212	0.000	0.000	0.173
1000 to 1100 microns	2.450	0.056	0.000	0.000	0.046
>1100 to 1190 microns, Phi -0.25	1.550	0.000	0.000	0.000	0.000
>1190 to 1300 microns	0.966	0.000	0.000	0.000	0.000
>1300 to 1410 microns, Phi -0.5	0.546	0.000	0.000	0.000	0.000
>1410 to 1680 microns, Phi -0.75	0.598	0.000	0.000	0.000	0.000
>1680 to 2000 microns, Phi -1	0.108	0.000	0.000	0.000	0.000
Totals:	100.006	99.968	100.027	99.965	99.977

Sediment Mapping Project
Grain Size
(all values are in percent distribution)

From 01-JUL-2004 to 01-SEP-2004

Analyte	SM105 27-JUL-2004 P265993	SM106 27-JUL-2004 P265994	SM107 27-JUL-2004 P265995	SM108	SM109 27-JUL-2004 P265996
<0.500 microns, Phi 11	0.000	0.000	0.000	NS*	0.000
>0.5 to 1 microns, Phi 10	0.000	0.493	0.000	NS*	0.000
>1 to 1.5 microns, Phi 9.5	0.000	1.260	0.000	NS*	0.000
>1.5 to 2 microns, Phi 9	0.000	1.760	0.132	NS*	0.000
>2.0 to 2.4 microns	0.000	1.570	0.208	NS*	0.000
>2.4 to 2.9 microns, Phi 8.5	0.000	1.940	0.269	NS*	0.000
>2.9 to 3.4 microns	0.000	1.880	0.277	NS*	0.000
>3.4 to 3.9 microns, Phi 8	0.110	1.940	0.295	NS*	0.000
>3.9 to 4 microns	0.024	0.384	0.062	NS*	0.000
>4.0 to 4.3 microns	0.069	1.100	0.178	NS*	0.000
>4.3 to 4.5 microns	0.045	0.704	0.115	NS*	0.005
>4.5 to 5 microns	0.121	1.810	0.305	NS*	0.086
>5 to 5.5 microns	0.123	1.750	0.303	NS*	0.085
>5.5 to 5.7 microns	0.048	0.670	0.117	NS*	0.033
>5.7 to 5.9 microns, Phi 7.5	0.048	0.653	0.115	NS*	0.032
>5.9 to 7.8 microns, Phi 7	0.464	5.770	1.090	NS*	0.308
>7.8 to 8 microns	0.049	0.555	0.112	NS*	0.031
>8 to 8.5 microns	0.117	1.330	0.268	NS*	0.075
>8.5 to 8.9 microns	0.091	1.010	0.206	NS*	0.058
>8.9 to 9.1 microns	0.047	0.495	0.105	NS*	0.029
>9.1 to 9.5 microns	0.091	0.958	0.203	NS*	0.056
>9.5 to 9.8 microns	0.066	0.692	0.147	NS*	0.041
>9.8 to 10.1 microns	0.064	0.672	0.142	NS*	0.040
>10.1 to 10.6 microns	0.111	1.100	0.244	NS*	0.067
>10.6 to 11.1 microns	0.106	1.050	0.233	NS*	0.064
>11.1 to 11.3 microns	0.041	0.407	0.090	NS*	0.025
>11.3 to 11.7 microns, Phi 6.5	0.080	0.779	0.177	NS*	0.049
>11.7 to 14 microns	0.428	3.850	0.942	NS*	0.257
>14 to 14.8 microns	0.136	1.170	0.299	NS*	0.081
>14.8 to 15.6 microns	0.129	1.090	0.290	NS*	0.077
>15.6 to 16 microns	0.062	0.514	0.143	NS*	0.037
>16 to 20 microns	0.542	4.390	1.280	NS*	0.326
>20 to 23 microns, Phi 5.5	0.327	2.560	0.845	NS*	0.200
>23 to 27 microns	0.355	2.830	1.050	NS*	0.224
>27 to 31 microns, Phi 5	0.290	2.460	1.040	NS*	0.192
>31 to 32 microns	0.065	0.578	0.271	NS*	0.045
>32 to 35.6 microns	0.217	1.970	1.010	NS*	0.155
>35.6 to 37 microns, Phi 4.75	0.078	0.733	0.430	NS*	0.059
>37 to 39.6 microns	0.138	1.300	0.802	NS*	0.106
>39.6 to 43.6 microns	0.207	1.930	1.550	NS*	0.169
>43.6 to 44 microns, Phi 4.5	0.020	0.184	0.147	NS*	0.016
>44 to 45 microns	0.049	0.453	0.373	NS*	0.040
>45 to 46.4 microns	0.074	0.654	0.746	NS*	0.064
>46.4 to 53 microns, Phi 4.25	0.337	2.880	3.610	NS*	0.290
>53 to 62.5 microns, Phi 4	0.527	3.760	7.070	NS*	0.453
>62.5 to 64 microns	0.088	0.552	1.270	NS*	0.075
>64 to 71.7 microns	0.489	2.640	7.070	NS*	0.405

Sediment Mapping Project
Grain Size
(all values are in percent distribution)

From 01-JUL-2004 to 01-SEP-2004

Analyte	SM105 27-JUL-2004 P265993	SM106 27-JUL-2004 P265994	SM107 27-JUL-2004 P265995	SM108	SM109 27-JUL-2004 P265996
>71.7 to 74 microns	0.153	0.730	2.210	NS*	0.124
>74 to 79.6 microns	0.398	1.660	5.420	NS*	0.315
>79.6 to 87.6 microns	0.612	2.120	7.740	NS*	0.468
>87.6 to 88 microns, Phi 3.5	0.029	0.101	0.368	NS*	0.022
>88 to 90 microns	0.177	0.476	1.830	NS*	0.127
>90 to 105 microns, Phi 3.25	1.400	3.150	12.300	NS*	0.957
>105 to 125 microns, Phi 3	2.200	3.210	11.700	NS*	1.330
>125 to 149 microns, Phi 2.75	3.110	2.830	8.570	NS*	1.610
>149 to 160 microns	1.690	1.000	2.450	NS*	0.751
>160 to 177 microns, Phi 2.5	2.710	1.330	2.920	NS*	1.130
>177 to 197 microns	3.690	1.250	2.190	NS*	1.370
>197 to 210 microns, Phi 2.25	2.750	0.680	0.985	NS*	0.951
>210 to 217 microns	1.500	0.339	0.454	NS*	0.509
>217 to 245 microns	6.330	1.200	1.390	NS*	2.150
>245 to 250 microns, Phi 2	1.160	0.192	0.193	NS*	0.394
>250 to 300 microns, Phi 1.75	11.600	1.690	1.390	NS*	4.310
>300 to 320 microns	4.330	0.599	0.341	NS*	2.100
>320 to 350 microns, Phi 1.5	5.930	0.842	0.453	NS*	3.100
>350 to 360 microns	1.750	0.279	0.120	NS*	1.210
>360 to 400 microns	6.440	1.060	0.443	NS*	4.700
>400 to 420 microns, Phi 1.25	2.660	0.537	0.185	NS*	2.730
>420 to 440 microns	2.540	0.512	0.176	NS*	2.610
>440 to 500 microns, Phi 1	6.220	1.520	0.463	NS*	8.690
>500 to 590 microns, Phi 0.75	6.950	2.010	0.121	NS*	13.300
>590 to 630 microns	2.300	0.464	0.000	NS*	5.560
>630 to 696 microns	3.310	0.596	0.000	NS*	8.230
>696 to 710 microns, Phi 0.5	0.578	0.075	0.000	NS*	1.510
>710 to 773 microns	2.460	0.319	0.000	NS*	6.440
>773 to 840 microns, Phi 0.25	1.990	0.020	0.000	NS*	4.990
>840 to 850 microns	0.279	0.000	0.000	NS*	0.698
>850 to 930 microns	1.860	0.000	0.000	NS*	4.450
>930 to 1000 microns, Phi 0	1.280	0.000	0.000	NS*	2.860
1000 to 1100 microns	1.220	0.000	0.000	NS*	2.420
>1100 to 1190 microns, Phi -0.25	0.811	0.000	0.000	NS*	1.500
>1190 to 1300 microns	0.561	0.000	0.000	NS*	0.895
>1300 to 1410 microns, Phi -0.5	0.342	0.000	0.000	NS*	0.500
>1410 to 1680 microns, Phi -0.75	0.254	0.000	0.000	NS*	0.540
>1680 to 2000 microns, Phi -1	0.000	0.000	0.000	NS*	0.097
Totals:	100.047	100.021	100.043	NS*	100.003

*=not sampled

Sediment Mapping Project
Grain Size
(all values are in percent distribution)

From 01-JUL-2004 to 01-SEP-2004

Analyte	SM110 27-JUL-2004 P265997	SM111 27-JUL-2004 P265998	SM089 28-JUL-2004 P266070	SM098 28-JUL-2004 P266112	SM091 28-JUL-2004 P266071
<0.500 microns, Phi 11	0.000	0.000	0.000	0.000	0.000
>0.5 to 1 microns, Phi 10	0.000	0.000	0.000	0.000	0.000
>1 to 1.5 microns, Phi 9.5	0.000	0.000	0.000	0.000	0.000
>1.5 to 2 microns, Phi 9	0.000	0.000	0.277	0.007	0.113
>2.0 to 2.4 microns	0.000	0.000	0.235	0.145	0.176
>2.4 to 2.9 microns, Phi 8.5	0.000	0.082	0.290	0.180	0.225
>2.9 to 3.4 microns	0.000	0.147	0.285	0.178	0.228
>3.4 to 3.9 microns, Phi 8	0.000	0.174	0.289	0.182	0.240
>3.9 to 4 microns	0.000	0.038	0.059	0.038	0.050
>4.0 to 4.3 microns	0.000	0.110	0.170	0.108	0.144
>4.3 to 4.5 microns	0.000	0.071	0.109	0.069	0.092
>4.5 to 5 microns	0.000	0.199	0.282	0.180	0.243
>5 to 5.5 microns	0.056	0.202	0.279	0.177	0.241
>5.5 to 5.7 microns	0.028	0.079	0.107	0.068	0.093
>5.7 to 5.9 microns, Phi 7.5	0.028	0.078	0.105	0.067	0.092
>5.9 to 7.8 microns, Phi 7	0.273	0.776	0.994	0.623	0.862
>7.8 to 8 microns	0.029	0.081	0.105	0.063	0.088
>8 to 8.5 microns	0.069	0.194	0.252	0.151	0.211
>8.5 to 8.9 microns	0.054	0.150	0.195	0.116	0.163
>8.9 to 9.1 microns	0.028	0.077	0.103	0.059	0.083
>9.1 to 9.5 microns	0.054	0.148	0.199	0.114	0.161
>9.5 to 9.8 microns	0.039	0.107	0.144	0.083	0.117
>9.8 to 10.1 microns	0.038	0.104	0.140	0.080	0.113
>10.1 to 10.6 microns	0.066	0.180	0.248	0.137	0.194
>10.6 to 11.1 microns	0.063	0.172	0.237	0.130	0.185
>11.1 to 11.3 microns	0.024	0.067	0.092	0.050	0.072
>11.3 to 11.7 microns, Phi 6.5	0.049	0.130	0.185	0.099	0.142
>11.7 to 14 microns	0.263	0.678	1.050	0.532	0.765
>14 to 14.8 microns	0.085	0.213	0.350	0.169	0.245
>14.8 to 15.6 microns	0.082	0.199	0.357	0.166	0.242
>15.6 to 16 microns	0.040	0.095	0.183	0.082	0.120
>16 to 20 microns	0.360	0.815	1.760	0.747	1.100
>20 to 23 microns, Phi 5.5	0.231	0.473	1.340	0.506	0.761
>23 to 27 microns	0.269	0.493	1.890	0.653	0.997
>27 to 31 microns, Phi 5	0.242	0.383	2.050	0.679	1.050
>31 to 32 microns	0.059	0.081	0.559	0.185	0.288
>32 to 35.6 microns	0.209	0.263	2.080	0.713	1.110
>35.6 to 37 microns, Phi 4.75	0.083	0.089	0.880	0.317	0.492
>37 to 39.6 microns	0.151	0.155	1.620	0.601	0.926
>39.6 to 43.6 microns	0.257	0.206	2.900	1.240	1.850
>43.6 to 44 microns, Phi 4.5	0.024	0.020	0.275	0.118	0.175
>44 to 45 microns	0.061	0.048	0.689	0.302	0.445
>45 to 46.4 microns	0.106	0.063	1.200	0.659	0.891
>46.4 to 53 microns, Phi 4.25	0.491	0.271	5.500	3.290	4.260
>53 to 62.5 microns, Phi 4	0.837	0.332	8.590	7.220	7.810
>62.5 to 64 microns	0.143	0.048	1.370	1.370	1.340
>64 to 71.7 microns	0.798	0.230	6.830	7.930	7.080

Sediment Mapping Project
Grain Size
(all values are in percent distribution)

From 01-JUL-2004 to 01-SEP-2004

Analyte	SM110 27-JUL-2004 P265997	SM111 27-JUL-2004 P265998	SM089 28-JUL-2004 P266070	SM098 28-JUL-2004 P266112	SM091 28-JUL-2004 P266071
>71.7 to 74 microns	0.250	0.064	1.970	2.550	2.130
>74 to 79.6 microns	0.643	0.150	4.530	6.310	5.010
>79.6 to 87.6 microns	0.976	0.200	5.910	9.120	6.780
>87.6 to 88 microns, Phi 3.5	0.046	0.010	0.281	0.434	0.322
>88 to 90 microns	0.274	0.049	1.300	2.110	1.530
>90 to 105 microns, Phi 3.25	2.140	0.346	8.430	13.900	10.100
>105 to 125 microns, Phi 3	3.320	0.440	7.780	12.200	9.680
>125 to 149 microns, Phi 2.75	4.720	0.528	5.920	8.130	7.870
>149 to 160 microns	2.550	0.261	1.800	2.150	2.580
>160 to 177 microns, Phi 2.5	4.050	0.408	2.220	2.460	3.300
>177 to 197 microns	5.250	0.536	1.790	1.750	2.840
>197 to 210 microns, Phi 2.25	3.590	0.408	0.856	0.767	1.400
>210 to 217 microns	1.910	0.224	0.405	0.350	0.675
>217 to 245 microns	7.430	1.020	1.290	1.070	2.180
>245 to 250 microns, Phi 2	1.290	0.196	0.187	0.148	0.319
>250 to 300 microns, Phi 1.75	11.500	2.370	1.420	1.080	2.390
>300 to 320 microns	3.700	1.330	0.386	0.284	0.619
>320 to 350 microns, Phi 1.5	4.990	2.020	0.522	0.385	0.824
>350 to 360 microns	1.390	0.853	0.148	0.111	0.220
>360 to 400 microns	5.090	3.390	0.552	0.415	0.809
>400 to 420 microns, Phi 1.25	2.060	2.140	0.248	0.193	0.336
>420 to 440 microns	1.960	2.040	0.237	0.184	0.321
>440 to 500 microns, Phi 1	4.830	7.430	0.674	0.544	0.844
>500 to 590 microns, Phi 0.75	5.500	12.800	0.947	0.793	0.698
>590 to 630 microns	1.870	6.250	0.420	0.358	0.015
>630 to 696 microns	2.720	9.610	0.655	0.556	0.000
>696 to 710 microns, Phi 0.5	0.483	1.940	0.138	0.116	0.000
>710 to 773 microns	2.060	8.270	0.591	0.496	0.000
>773 to 840 microns, Phi 0.25	1.710	6.950	0.587	0.283	0.000
>840 to 850 microns	0.240	0.978	0.084	0.038	0.000
>850 to 930 microns	1.620	6.300	0.498	0.149	0.000
>930 to 1000 microns, Phi 0	1.140	4.130	0.285	0.000	0.000
1000 to 1100 microns	1.110	3.450	0.076	0.000	0.000
>1100 to 1190 microns, Phi -0.25	0.748	2.100	0.000	0.000	0.000
>1190 to 1300 microns	0.535	1.200	0.000	0.000	0.000
>1300 to 1410 microns, Phi -0.5	0.350	0.646	0.000	0.000	0.000
>1410 to 1680 microns, Phi -0.75	0.279	0.412	0.000	0.000	0.000
>1680 to 2000 microns, Phi -1	0.000	0.000	0.000	0.000	0.000
Totals:	100.013	99.970	99.991	100.017	100.067

Sediment Mapping Project
Grain Size
(all values are in percent distribution)

From 01-JUL-2004 to 01-SEP-2004

Analyte	SM092 28-JUL-2004 P266072	SM093 28-JUL-2004 P266073	SM094 28-JUL-2004 P266074	SM095 28-JUL-2004 P266075	SM096 28-JUL-2004 P266076
<0.500 microns, Phi 11	0.000	0.000	0.000	0.000	0.000
>0.5 to 1 microns, Phi 10	0.000	0.000	0.000	0.000	0.000
>1 to 1.5 microns, Phi 9.5	0.000	0.000	0.000	0.000	0.000
>1.5 to 2 microns, Phi 9	0.000	0.007	0.004	0.060	0.008
>2.0 to 2.4 microns	0.048	0.147	0.102	0.168	0.154
>2.4 to 2.9 microns, Phi 8.5	0.176	0.182	0.182	0.211	0.185
>2.9 to 3.4 microns	0.178	0.181	0.180	0.212	0.178
>3.4 to 3.9 microns, Phi 8	0.185	0.186	0.184	0.220	0.177
>3.9 to 4 microns	0.039	0.039	0.038	0.046	0.036
>4.0 to 4.3 microns	0.112	0.112	0.109	0.132	0.104
>4.3 to 4.5 microns	0.072	0.072	0.070	0.085	0.067
>4.5 to 5 microns	0.192	0.188	0.181	0.224	0.172
>5 to 5.5 microns	0.191	0.186	0.176	0.221	0.169
>5.5 to 5.7 microns	0.074	0.072	0.068	0.086	0.065
>5.7 to 5.9 microns, Phi 7.5	0.073	0.071	0.067	0.084	0.064
>5.9 to 7.8 microns, Phi 7	0.698	0.668	0.610	0.794	0.592
>7.8 to 8 microns	0.071	0.069	0.061	0.081	0.060
>8 to 8.5 microns	0.171	0.164	0.146	0.193	0.145
>8.5 to 8.9 microns	0.131	0.126	0.111	0.149	0.111
>8.9 to 9.1 microns	0.067	0.065	0.056	0.076	0.057
>9.1 to 9.5 microns	0.129	0.125	0.109	0.146	0.111
>9.5 to 9.8 microns	0.094	0.091	0.079	0.106	0.080
>9.8 to 10.1 microns	0.091	0.088	0.076	0.103	0.078
>10.1 to 10.6 microns	0.155	0.151	0.128	0.175	0.133
>10.6 to 11.1 microns	0.148	0.144	0.122	0.167	0.127
>11.1 to 11.3 microns	0.057	0.056	0.048	0.065	0.049
>11.3 to 11.7 microns, Phi 6.5	0.112	0.110	0.093	0.127	0.098
>11.7 to 14 microns	0.589	0.592	0.489	0.673	0.531
>14 to 14.8 microns	0.185	0.189	0.154	0.213	0.171
>14.8 to 15.6 microns	0.178	0.185	0.150	0.207	0.170
>15.6 to 16 microns	0.086	0.092	0.074	0.102	0.085
>16 to 20 microns	0.764	0.831	0.668	0.910	0.782
>20 to 23 microns, Phi 5.5	0.482	0.559	0.445	0.595	0.548
>23 to 27 microns	0.574	0.710	0.572	0.738	0.728
>27 to 31 microns, Phi 5	0.554	0.725	0.598	0.739	0.778
>31 to 32 microns	0.145	0.195	0.165	0.197	0.216
>32 to 35.6 microns	0.549	0.748	0.640	0.750	0.839
>35.6 to 37 microns, Phi 4.75	0.239	0.330	0.288	0.329	0.376
>37 to 39.6 microns	0.454	0.624	0.549	0.622	0.716
>39.6 to 43.6 microns	0.934	1.280	1.150	1.270	1.490
>43.6 to 44 microns, Phi 4.5	0.089	0.121	0.109	0.121	0.141
>44 to 45 microns	0.227	0.310	0.280	0.308	0.362
>45 to 46.4 microns	0.502	0.664	0.609	0.663	0.783
>46.4 to 53 microns, Phi 4.25	2.540	3.300	3.030	3.290	3.870
>53 to 62.5 microns, Phi 4	5.870	7.070	6.510	7.090	8.130
>62.5 to 64 microns	1.150	1.330	1.220	1.330	1.500
>64 to 71.7 microns	7.040	7.660	7.050	7.670	8.390

Sediment Mapping Project
Grain Size
(all values are in percent distribution)

From 01-JUL-2004 to 01-SEP-2004

Analyte	SM092 28-JUL-2004 P266072	SM093 28-JUL-2004 P266073	SM094 28-JUL-2004 P266074	SM095 28-JUL-2004 P266075	SM096 28-JUL-2004 P266076
>71.7 to 74 microns	2.340	2.460	2.260	2.460	2.630
>74 to 79.6 microns	6.040	6.090	5.610	6.080	6.360
>79.6 to 87.6 microns	9.200	8.820	8.140	8.790	8.890
>87.6 to 88 microns, Phi 3.5	0.438	0.420	0.387	0.419	0.423
>88 to 90 microns	2.250	2.060	1.900	2.050	2.000
>90 to 105 microns, Phi 3.25	15.300	13.600	12.600	13.500	12.900
>105 to 125 microns, Phi 3	14.000	12.100	11.100	12.000	11.000
>125 to 149 microns, Phi 2.75	9.340	8.140	7.280	8.120	7.350
>149 to 160 microns	2.410	2.180	1.890	2.160	1.990
>160 to 177 microns, Phi 2.5	2.710	2.510	2.140	2.480	2.310
>177 to 197 microns	1.850	1.800	1.480	1.760	1.700
>197 to 210 microns, Phi 2.25	0.780	0.794	0.639	0.767	0.769
>210 to 217 microns	0.349	0.363	0.289	0.349	0.355
>217 to 245 microns	1.040	1.110	0.873	1.050	1.110
>245 to 250 microns, Phi 2	0.139	0.154	0.119	0.144	0.157
>250 to 300 microns, Phi 1.75	0.970	1.120	0.864	1.030	1.170
>300 to 320 microns	0.236	0.290	0.231	0.259	0.321
>320 to 350 microns, Phi 1.5	0.315	0.391	0.315	0.347	0.435
>350 to 360 microns	0.086	0.110	0.095	0.097	0.126
>360 to 400 microns	0.321	0.412	0.358	0.362	0.472
>400 to 420 microns, Phi 1.25	0.143	0.187	0.181	0.164	0.218
>420 to 440 microns	0.137	0.179	0.172	0.156	0.208
>440 to 500 microns, Phi 1	0.394	0.518	0.579	0.455	0.603
>500 to 590 microns, Phi 0.75	0.571	0.746	1.040	0.664	0.856
>590 to 630 microns	0.266	0.338	0.641	0.308	0.375
>630 to 696 microns	0.421	0.529	1.110	0.486	0.578
>696 to 710 microns, Phi 0.5	0.092	0.112	0.288	0.106	0.119
>710 to 773 microns	0.393	0.480	1.230	0.449	0.507
>773 to 840 microns, Phi 0.25	0.408	0.476	1.540	0.456	0.290
>840 to 850 microns	0.058	0.068	0.223	0.065	0.039
>850 to 930 microns	0.347	0.403	1.710	0.387	0.153
>930 to 1000 microns, Phi 0	0.199	0.231	1.400	0.222	0.000
1000 to 1100 microns	0.053	0.061	1.440	0.059	0.000
>1100 to 1190 microns, Phi -0.25	0.000	0.000	0.971	0.000	0.000
>1190 to 1300 microns	0.000	0.000	0.625	0.000	0.000
>1300 to 1410 microns, Phi -0.5	0.000	0.000	0.366	0.000	0.000
>1410 to 1680 microns, Phi -0.75	0.000	0.000	0.260	0.000	0.000
>1680 to 2000 microns, Phi -1	0.000	0.000	0.000	0.000	0.000
Totals:	100.011	100.067	100.096	99.949	100.040

Sediment Mapping Project
Grain Size
(all values are in percent distribution)

From 01-JUL-2004 to 01-SEP-2004

Analyte	SM097 28-JUL-2004 P266077	SM099 28-JUL-2004 P266078	SM100 28-JUL-2004 P266079	SM070 29-JUL-2004 P266305	SM081 29-JUL-2004 P266307
<0.500 microns, Phi 11	0.000	0.000	0.000	0.000	0.000
>0.5 to 1 microns, Phi 10	0.000	0.000	0.000	0.000	0.000
>1 to 1.5 microns, Phi 9.5	0.000	0.000	0.000	0.434	0.402
>1.5 to 2 microns, Phi 9	0.000	0.007	0.007	0.607	0.490
>2.0 to 2.4 microns	0.048	0.144	0.148	0.577	0.433
>2.4 to 2.9 microns, Phi 8.5	0.175	0.181	0.185	0.761	0.553
>2.9 to 3.4 microns	0.173	0.181	0.184	0.782	0.557
>3.4 to 3.9 microns, Phi 8	0.176	0.188	0.189	0.841	0.584
>3.9 to 4 microns	0.036	0.039	0.039	0.171	0.120
>4.0 to 4.3 microns	0.104	0.111	0.113	0.491	0.344
>4.3 to 4.5 microns	0.066	0.072	0.072	0.315	0.221
>4.5 to 5 microns	0.172	0.187	0.189	0.826	0.578
>5 to 5.5 microns	0.169	0.184	0.186	0.805	0.568
>5.5 to 5.7 microns	0.065	0.071	0.072	0.309	0.219
>5.7 to 5.9 microns, Phi 7.5	0.064	0.069	0.071	0.302	0.215
>5.9 to 7.8 microns, Phi 7	0.588	0.643	0.659	2.740	1.990
>7.8 to 8 microns	0.059	0.064	0.067	0.268	0.202
>8 to 8.5 microns	0.141	0.154	0.160	0.642	0.484
>8.5 to 8.9 microns	0.109	0.118	0.123	0.490	0.372
>8.9 to 9.1 microns	0.055	0.060	0.063	0.243	0.189
>9.1 to 9.5 microns	0.106	0.115	0.121	0.470	0.366
>9.5 to 9.8 microns	0.077	0.083	0.088	0.340	0.265
>9.8 to 10.1 microns	0.075	0.081	0.085	0.329	0.257
>10.1 to 10.6 microns	0.126	0.136	0.145	0.546	0.440
>10.6 to 11.1 microns	0.121	0.130	0.138	0.521	0.419
>11.1 to 11.3 microns	0.047	0.050	0.054	0.202	0.163
>11.3 to 11.7 microns, Phi 6.5	0.092	0.099	0.106	0.390	0.319
>11.7 to 14 microns	0.491	0.522	0.565	1.970	1.690
>14 to 14.8 microns	0.156	0.165	0.180	0.607	0.538
>14.8 to 15.6 microns	0.153	0.161	0.177	0.569	0.522
>15.6 to 16 microns	0.076	0.079	0.088	0.272	0.257
>16 to 20 microns	0.693	0.717	0.796	2.340	2.310
>20 to 23 microns, Phi 5.5	0.473	0.481	0.540	1.400	1.520
>23 to 27 microns	0.620	0.622	0.701	1.550	1.860
>27 to 31 microns, Phi 5	0.658	0.657	0.736	1.330	1.780
>31 to 32 microns	0.182	0.182	0.202	0.305	0.448
>32 to 35.6 microns	0.708	0.707	0.777	1.030	1.610
>35.6 to 37 microns, Phi 4.75	0.318	0.317	0.345	0.377	0.651
>37 to 39.6 microns	0.604	0.602	0.653	0.668	1.190
>39.6 to 43.6 microns	1.260	1.250	1.340	0.982	2.070
>43.6 to 44 microns, Phi 4.5	0.120	0.118	0.127	0.093	0.197
>44 to 45 microns	0.306	0.303	0.325	0.230	0.493
>45 to 46.4 microns	0.672	0.658	0.699	0.332	0.858
>46.4 to 53 microns, Phi 4.25	3.350	3.280	3.470	1.470	3.950
>53 to 62.5 microns, Phi 4	7.330	7.180	7.460	2.000	6.320
>62.5 to 64 microns	1.380	1.360	1.400	0.305	1.020
>64 to 71.7 microns	7.990	7.880	8.010	1.540	5.190

Sediment Mapping Project
Grain Size
(all values are in percent distribution)

From 01-JUL-2004 to 01-SEP-2004

Analyte	SM097 28-JUL-2004 P266077	SM099 28-JUL-2004 P266078	SM100 28-JUL-2004 P266079	SM070 29-JUL-2004 P266305	SM081 29-JUL-2004 P266307
>71.7 to 74 microns	2.560	2.530	2.550	0.451	1.520
>74 to 79.6 microns	6.310	6.250	6.280	1.090	3.520
>79.6 to 87.6 microns	9.100	9.020	9.000	1.540	4.670
>87.6 to 88 microns, Phi 3.5	0.433	0.429	0.428	0.073	0.223
>88 to 90 microns	2.100	2.090	2.070	0.399	1.040
>90 to 105 microns, Phi 3.25	13.800	13.700	13.600	2.950	6.750
>105 to 125 microns, Phi 3	12.100	12.000	11.900	4.000	6.160
>125 to 149 microns, Phi 2.75	8.090	8.040	7.990	4.720	4.530
>149 to 160 microns	2.150	2.140	2.130	2.070	1.330
>160 to 177 microns, Phi 2.5	2.480	2.470	2.450	2.990	1.610
>177 to 197 microns	1.770	1.780	1.760	3.150	1.250
>197 to 210 microns, Phi 2.25	0.778	0.790	0.774	1.780	0.588
>210 to 217 microns	0.355	0.362	0.353	0.900	0.276
>217 to 245 microns	1.090	1.120	1.080	3.130	0.878
>245 to 250 microns, Phi 2	0.151	0.156	0.150	0.493	0.127
>250 to 300 microns, Phi 1.75	1.100	1.150	1.100	4.010	0.976
>300 to 320 microns	0.293	0.309	0.287	1.190	0.286
>320 to 350 microns, Phi 1.5	0.397	0.420	0.388	1.620	0.396
>350 to 360 microns	0.115	0.122	0.111	0.472	0.124
>360 to 400 microns	0.431	0.459	0.412	1.760	0.472
>400 to 420 microns, Phi 1.25	0.201	0.216	0.188	0.810	0.245
>420 to 440 microns	0.192	0.206	0.179	0.772	0.234
>440 to 500 microns, Phi 1	0.572	0.615	0.517	2.260	0.795
>500 to 590 microns, Phi 0.75	0.844	0.907	0.728	3.340	1.430
>590 to 630 microns	0.387	0.414	0.314	1.590	0.868
>630 to 696 microns	0.603	0.643	0.483	2.540	1.500
>696 to 710 microns, Phi 0.5	0.127	0.134	0.098	0.566	0.387
>710 to 773 microns	0.542	0.573	0.419	2.420	1.650
>773 to 840 microns, Phi 0.25	0.310	0.327	0.239	2.550	2.070
>840 to 850 microns	0.042	0.044	0.032	0.365	0.300
>850 to 930 microns	0.163	0.173	0.126	2.670	2.300
>930 to 1000 microns, Phi 0	0.000	0.000	0.000	2.070	1.880
1000 to 1100 microns	0.000	0.000	0.000	2.120	1.850
>1100 to 1190 microns, Phi -0.25	0.000	0.000	0.000	1.450	1.210
>1190 to 1300 microns	0.000	0.000	0.000	0.989	0.695
>1300 to 1410 microns, Phi -0.5	0.000	0.000	0.000	0.570	0.384
>1410 to 1680 microns, Phi -0.75	0.000	0.000	0.000	0.395	0.252
>1680 to 2000 microns, Phi -1	0.000	0.000	0.000	0.000	0.000
Totals:	99.970	99.997	99.991	100.037	100.000

Sediment Mapping Project
Grain Size
(all values are in percent distribution)

From 01-JUL-2004 to 01-SEP-2004

Analyte	SM079 29-JUL-2004 P266355	SM071 29-JUL-2004 P266359	SM077 29-JUL-2004 P266357	SM087 29-JUL-2004 P266313	SM088 29-JUL-2004 P266314
<0.500 microns, Phi 11	0.000	0.000	0.000	0.000	0.000
>0.5 to 1 microns, Phi 10	0.116	0.000	0.000	0.000	0.000
>1 to 1.5 microns, Phi 9.5	0.679	0.253	0.457	0.000	0.000
>1.5 to 2 microns, Phi 9	1.030	0.472	0.643	0.275	0.000
>2.0 to 2.4 microns	1.020	0.449	0.607	0.267	0.000
>2.4 to 2.9 microns, Phi 8.5	1.380	0.592	0.796	0.361	0.000
>2.9 to 3.4 microns	1.440	0.608	0.817	0.383	0.000
>3.4 to 3.9 microns, Phi 8	1.580	0.653	0.876	0.422	0.000
>3.9 to 4 microns	0.327	0.133	0.182	0.088	0.000
>4.0 to 4.3 microns	0.938	0.381	0.522	0.254	0.000
>4.3 to 4.5 microns	0.604	0.244	0.336	0.164	0.000
>4.5 to 5 microns	1.610	0.641	0.891	0.440	0.000
>5 to 5.5 microns	1.600	0.625	0.889	0.435	0.057
>5.5 to 5.7 microns	0.615	0.240	0.344	0.168	0.028
>5.7 to 5.9 microns, Phi 7.5	0.605	0.235	0.338	0.165	0.028
>5.9 to 7.8 microns, Phi 7	5.610	2.140	3.210	1.550	0.257
>7.8 to 8 microns	0.561	0.211	0.333	0.154	0.025
>8 to 8.5 microns	1.340	0.506	0.797	0.370	0.059
>8.5 to 8.9 microns	1.030	0.387	0.615	0.283	0.045
>8.9 to 9.1 microns	0.515	0.193	0.315	0.142	0.022
>9.1 to 9.5 microns	0.996	0.374	0.611	0.275	0.043
>9.5 to 9.8 microns	0.720	0.270	0.441	0.198	0.031
>9.8 to 10.1 microns	0.699	0.262	0.428	0.193	0.030
>10.1 to 10.6 microns	1.180	0.441	0.748	0.322	0.049
>10.6 to 11.1 microns	1.130	0.421	0.713	0.308	0.047
>11.1 to 11.3 microns	0.436	0.163	0.276	0.119	0.018
>11.3 to 11.7 microns, Phi 6.5	0.844	0.317	0.542	0.231	0.035
>11.7 to 14 microns	4.290	1.630	2.870	1.180	0.174
>14 to 14.8 microns	1.330	0.511	0.917	0.367	0.053
>14.8 to 15.6 microns	1.260	0.487	0.880	0.348	0.048
>15.6 to 16 microns	0.602	0.235	0.428	0.168	0.023
>16 to 20 microns	5.240	2.080	3.820	1.460	0.190
>20 to 23 microns, Phi 5.5	3.180	1.310	2.430	0.895	0.099
>23 to 27 microns	3.610	1.540	2.800	1.040	0.000
>27 to 31 microns, Phi 5	3.160	1.380	2.440	0.949	0.000
>31 to 32 microns	0.745	0.331	0.567	0.236	0.000
>32 to 35.6 microns	2.550	1.140	1.920	0.850	0.000
>35.6 to 37 microns, Phi 4.75	0.955	0.426	0.704	0.345	0.000
>37 to 39.6 microns	1.700	0.758	1.250	0.634	0.000
>39.6 to 43.6 microns	2.590	1.150	1.850	1.130	0.000
>43.6 to 44 microns, Phi 4.5	0.246	0.109	0.175	0.108	0.000
>44 to 45 microns	0.608	0.269	0.434	0.271	0.000
>45 to 46.4 microns	0.897	0.401	0.632	0.493	0.000
>46.4 to 53 microns, Phi 4.25	3.950	1.790	2.800	2.320	0.000
>53 to 62.5 microns, Phi 4	5.190	2.550	3.870	4.100	0.000
>62.5 to 64 microns	0.756	0.399	0.594	0.708	0.000
>64 to 71.7 microns	3.560	2.070	3.020	3.920	0.000

Sediment Mapping Project
Grain Size
(all values are in percent distribution)

From 01-JUL-2004 to 01-SEP-2004

Analyte	SM079 29-JUL-2004 P266355	SM071 29-JUL-2004 P266359	SM077 29-JUL-2004 P266357	SM087 29-JUL-2004 P266313	SM088 29-JUL-2004 P266314
>71.7 to 74 microns	0.975	0.616	0.880	1.220	0.000
>74 to 79.6 microns	2.190	1.520	2.120	3.060	0.023
>79.6 to 87.6 microns	2.740	2.190	2.960	4.500	0.078
>87.6 to 88 microns, Phi 3.5	0.131	0.104	0.141	0.214	0.004
>88 to 90 microns	0.598	0.584	0.746	1.140	0.021
>90 to 105 microns, Phi 3.25	3.870	4.410	5.370	8.110	0.157
>105 to 125 microns, Phi 3	3.740	6.290	6.680	8.930	0.233
>125 to 149 microns, Phi 2.75	3.100	7.860	6.990	7.670	0.323
>149 to 160 microns	1.030	3.620	2.710	2.500	0.179
>160 to 177 microns, Phi 2.5	1.330	5.310	3.690	3.160	0.294
>177 to 197 microns	1.150	5.780	3.460	2.650	0.421
>197 to 210 microns, Phi 2.25	0.568	3.310	1.770	1.310	0.345
>210 to 217 microns	0.273	1.680	0.862	0.627	0.192
>217 to 245 microns	0.878	5.770	2.780	2.060	0.922
>245 to 250 microns, Phi 2	0.128	0.901	0.408	0.307	0.182
>250 to 300 microns, Phi 1.75	0.945	6.990	2.980	2.430	2.310
>300 to 320 microns	0.230	1.790	0.708	0.722	1.360
>320 to 350 microns, Phi 1.5	0.301	2.340	0.924	0.990	2.080
>350 to 360 microns	0.074	0.570	0.223	0.299	0.886
>360 to 400 microns	0.268	2.050	0.806	1.120	3.520
>400 to 420 microns, Phi 1.25	0.098	0.725	0.290	0.539	2.210
>420 to 440 microns	0.093	0.691	0.276	0.514	2.110
>440 to 500 microns, Phi 1	0.210	1.500	0.617	1.560	7.610
>500 to 590 microns, Phi 0.75	0.053	1.170	0.486	2.350	13.000
>590 to 630 microns	0.000	0.232	0.010	1.130	6.440
>630 to 696 microns	0.000	0.250	0.000	1.790	10.000
>696 to 710 microns, Phi 0.5	0.000	0.000	0.000	0.393	2.110
>710 to 773 microns	0.000	0.000	0.000	1.680	8.990
>773 to 840 microns, Phi 0.25	0.000	0.000	0.000	1.700	8.200
>840 to 850 microns	0.000	0.000	0.000	0.242	1.160
>850 to 930 microns	0.000	0.000	0.000	1.720	7.740
>930 to 1000 microns, Phi 0	0.000	0.000	0.000	1.280	5.320
1000 to 1100 microns	0.000	0.000	0.000	1.200	4.530
>1100 to 1190 microns, Phi -0.25	0.000	0.000	0.000	0.781	2.780
>1190 to 1300 microns	0.000	0.000	0.000	0.483	1.540
>1300 to 1410 microns, Phi -0.5	0.000	0.000	0.000	0.316	0.802
>1410 to 1680 microns, Phi -0.75	0.000	0.000	0.000	0.252	0.485
>1680 to 2000 microns, Phi -1	0.000	0.000	0.000	0.000	0.000
Totals:	99.997	100.030	100.015	100.038	99.918

Sediment Mapping Project
Grain Size
(all values are in percent distribution)

From 01-JUL-2004 to 01-SEP-2004

Analyte	SM051 02-AUG-2004 P266908	SM066 02-AUG-2004 P266910	SM063 02-AUG-2004 P266955	SM052 02-AUG-2004 P266956	SM067 02-AUG-2004 P266911
<0.500 microns, Phi 11	0.000	0.000	0.000	0.000	0.000
>0.5 to 1 microns, Phi 10	0.104	0.000	0.000	0.229	0.101
>1 to 1.5 microns, Phi 9.5	0.625	0.287	0.463	0.711	0.540
>1.5 to 2 microns, Phi 9	0.961	0.513	0.597	1.020	0.728
>2.0 to 2.4 microns	0.955	0.476	0.542	0.977	0.664
>2.4 to 2.9 microns, Phi 8.5	1.280	0.626	0.700	1.290	0.848
>2.9 to 3.4 microns	1.340	0.646	0.710	1.320	0.852
>3.4 to 3.9 microns, Phi 8	1.480	0.696	0.751	1.430	0.893
>3.9 to 4 microns	0.308	0.144	0.155	0.294	0.184
>4.0 to 4.3 microns	0.885	0.414	0.444	0.844	0.529
>4.3 to 4.5 microns	0.571	0.266	0.285	0.543	0.340
>4.5 to 5 microns	1.530	0.707	0.751	1.440	0.895
>5 to 5.5 microns	1.540	0.701	0.746	1.430	0.895
>5.5 to 5.7 microns	0.596	0.270	0.288	0.553	0.346
>5.7 to 5.9 microns, Phi 7.5	0.587	0.266	0.283	0.544	0.341
>5.9 to 7.8 microns, Phi 7	5.600	2.490	2.670	5.110	3.250
>7.8 to 8 microns	0.582	0.254	0.278	0.524	0.345
>8 to 8.5 microns	1.390	0.608	0.666	1.260	0.825
>8.5 to 8.9 microns	1.070	0.468	0.515	0.966	0.639
>8.9 to 9.1 microns	0.550	0.238	0.267	0.492	0.332
>9.1 to 9.5 microns	1.060	0.460	0.516	0.952	0.643
>9.5 to 9.8 microns	0.769	0.333	0.373	0.688	0.465
>9.8 to 10.1 microns	0.747	0.323	0.362	0.668	0.451
>10.1 to 10.6 microns	1.300	0.554	0.637	1.160	0.802
>10.6 to 11.1 microns	1.240	0.529	0.608	1.100	0.765
>11.1 to 11.3 microns	0.481	0.205	0.236	0.427	0.296
>11.3 to 11.7 microns, Phi 6.5	0.939	0.401	0.467	0.834	0.585
>11.7 to 14 microns	4.930	2.110	2.550	4.370	3.170
>14 to 14.8 microns	1.570	0.671	0.832	1.390	1.030
>14.8 to 15.6 microns	1.490	0.648	0.822	1.330	0.998
>15.6 to 16 microns	0.723	0.317	0.410	0.645	0.490
>16 to 20 microns	6.410	2.840	3.790	5.740	4.440
>20 to 23 microns, Phi 5.5	4.010	1.850	2.650	3.650	2.910
>23 to 27 microns	4.590	2.240	3.390	4.260	3.410
>27 to 31 microns, Phi 5	3.990	2.110	3.300	3.800	2.980
>31 to 32 microns	0.923	0.528	0.832	0.901	0.687
>32 to 35.6 microns	3.110	1.890	2.950	3.090	2.310
>35.6 to 37 microns, Phi 4.75	1.130	0.761	1.160	1.160	0.837
>37 to 39.6 microns	1.990	1.390	2.100	2.060	1.480
>39.6 to 43.6 microns	2.840	2.370	3.460	3.100	2.160
>43.6 to 44 microns, Phi 4.5	0.269	0.225	0.328	0.294	0.205
>44 to 45 microns	0.662	0.562	0.817	0.726	0.505
>45 to 46.4 microns	0.896	0.948	1.310	1.050	0.720
>46.4 to 53 microns, Phi 4.25	3.860	4.320	5.890	4.560	3.160
>53 to 62.5 microns, Phi 4	4.550	6.710	8.340	5.690	4.140
>62.5 to 64 microns	0.626	1.080	1.250	0.804	0.612
>64 to 71.7 microns	2.840	5.540	5.940	3.690	2.980

Sediment Mapping Project
Grain Size
(all values are in percent distribution)

From 01-JUL-2004 to 01-SEP-2004

Analyte	SM051 02-AUG-2004 P266908	SM066 02-AUG-2004 P266910	SM063 02-AUG-2004 P266955	SM052 02-AUG-2004 P266956	SM067 02-AUG-2004 P266911
>71.7 to 74 microns	0.751	1.640	1.630	0.984	0.842
>74 to 79.6 microns	1.650	3.920	3.640	2.170	1.980
>79.6 to 87.6 microns	2.000	5.420	4.500	2.630	2.650
>87.6 to 88 microns, Phi 3.5	0.095	0.258	0.214	0.125	0.126
>88 to 90 microns	0.428	1.300	0.950	0.553	0.646
>90 to 105 microns, Phi 3.25	2.740	8.870	5.980	3.480	4.570
>105 to 125 microns, Phi 3	2.660	9.080	5.320	3.160	5.570
>125 to 149 microns, Phi 2.75	2.290	7.170	3.980	2.450	5.920
>149 to 160 microns	0.797	2.090	1.210	0.767	2.380
>160 to 177 microns, Phi 2.5	1.050	2.480	1.480	0.960	3.310
>177 to 197 microns	0.963	1.780	1.180	0.794	3.220
>197 to 210 microns, Phi 2.25	0.505	0.752	0.546	0.383	1.690
>210 to 217 microns	0.248	0.337	0.256	0.182	0.829
>217 to 245 microns	0.835	0.976	0.789	0.580	2.690
>245 to 250 microns, Phi 2	0.128	0.126	0.110	0.084	0.398
>250 to 300 microns, Phi 1.75	1.020	0.823	0.778	0.623	2.880
>300 to 320 microns	0.288	0.167	0.177	0.158	0.659
>320 to 350 microns, Phi 1.5	0.386	0.217	0.231	0.210	0.854
>350 to 360 microns	0.106	0.052	0.056	0.055	0.198
>360 to 400 microns	0.388	0.189	0.201	0.199	0.711
>400 to 420 microns, Phi 1.25	0.157	0.073	0.073	0.078	0.245
>420 to 440 microns	0.150	0.069	0.070	0.075	0.234
>440 to 500 microns, Phi 1	0.367	0.178	0.160	0.181	0.511
>500 to 590 microns, Phi 0.75	0.094	0.046	0.040	0.046	0.127
>590 to 630 microns	0.000	0.000	0.000	0.000	0.000
>630 to 696 microns	0.000	0.000	0.000	0.000	0.000
>696 to 710 microns, Phi 0.5	0.000	0.000	0.000	0.000	0.000
>710 to 773 microns	0.000	0.000	0.000	0.000	0.000
>773 to 840 microns, Phi 0.25	0.000	0.000	0.000	0.000	0.000
>840 to 850 microns	0.000	0.000	0.000	0.000	0.000
>850 to 930 microns	0.000	0.000	0.000	0.000	0.000
>930 to 1000 microns, Phi 0	0.000	0.000	0.000	0.000	0.000
1000 to 1100 microns	0.000	0.000	0.000	0.000	0.000
>1100 to 1190 microns, Phi -0.25	0.000	0.000	0.000	0.000	0.000
>1190 to 1300 microns	0.000	0.000	0.000	0.000	0.000
>1300 to 1410 microns, Phi -0.5	0.000	0.000	0.000	0.000	0.000
>1410 to 1680 microns, Phi -0.75	0.000	0.000	0.000	0.000	0.000
>1680 to 2000 microns, Phi -1	0.000	0.000	0.000	0.000	0.000
Totals:	99.995	99.998	100.002	100.043	100.018

Sediment Mapping Project
Grain Size
(all values are in percent distribution)

From 01-JUL-2004 to 01-SEP-2004

Analyte	SM068 02-AUG-2004 P266912	SM072 02-AUG-2004 P266914	SM074 02-AUG-2004 P266916	SM075 02-AUG-2004 P266917	SM047 06-AUG-2004 P267434
<0.500 microns, Phi 11	0.000	0.000	0.000	0.000	0.000
>0.5 to 1 microns, Phi 10	0.000	0.000	0.000	0.000	0.000
>1 to 1.5 microns, Phi 9.5	0.416	0.240	0.437	0.418	0.257
>1.5 to 2 microns, Phi 9	0.601	0.468	0.636	0.588	0.464
>2.0 to 2.4 microns	0.585	0.464	0.618	0.564	0.437
>2.4 to 2.9 microns, Phi 8.5	0.785	0.631	0.828	0.751	0.583
>2.9 to 3.4 microns	0.821	0.669	0.866	0.783	0.610
>3.4 to 3.9 microns, Phi 8	0.900	0.741	0.949	0.852	0.665
>3.9 to 4 microns	0.186	0.155	0.198	0.177	0.138
>4.0 to 4.3 microns	0.534	0.444	0.568	0.508	0.396
>4.3 to 4.5 microns	0.344	0.286	0.366	0.327	0.255
>4.5 to 5 microns	0.917	0.769	0.981	0.870	0.680
>5 to 5.5 microns	0.906	0.763	0.976	0.861	0.671
>5.5 to 5.7 microns	0.349	0.294	0.377	0.332	0.258
>5.7 to 5.9 microns, Phi 7.5	0.343	0.290	0.371	0.327	0.254
>5.9 to 7.8 microns, Phi 7	3.190	2.710	3.480	3.030	2.360
>7.8 to 8 microns	0.319	0.272	0.351	0.303	0.235
>8 to 8.5 microns	0.763	0.651	0.842	0.726	0.562
>8.5 to 8.9 microns	0.584	0.499	0.645	0.556	0.430
>8.9 to 9.1 microns	0.293	0.250	0.324	0.278	0.215
>9.1 to 9.5 microns	0.566	0.484	0.627	0.538	0.416
>9.5 to 9.8 microns	0.409	0.350	0.453	0.389	0.301
>9.8 to 10.1 microns	0.397	0.339	0.439	0.378	0.292
>10.1 to 10.6 microns	0.670	0.571	0.742	0.635	0.490
>10.6 to 11.1 microns	0.639	0.544	0.708	0.606	0.467
>11.1 to 11.3 microns	0.248	0.211	0.274	0.235	0.181
>11.3 to 11.7 microns, Phi 6.5	0.479	0.408	0.530	0.454	0.351
>11.7 to 14 microns	2.450	2.080	2.690	2.310	1.800
>14 to 14.8 microns	0.759	0.645	0.831	0.714	0.559
>14.8 to 15.6 microns	0.715	0.607	0.778	0.671	0.531
>15.6 to 16 microns	0.342	0.290	0.370	0.320	0.256
>16 to 20 microns	2.970	2.510	3.180	2.770	2.240
>20 to 23 microns, Phi 5.5	1.790	1.500	1.860	1.650	1.390
>23 to 27 microns	2.010	1.680	2.020	1.820	1.620
>27 to 31 microns, Phi 5	1.740	1.450	1.700	1.560	1.500
>31 to 32 microns	0.405	0.338	0.388	0.361	0.371
>32 to 35.6 microns	1.380	1.160	1.320	1.220	1.330
>35.6 to 37 microns, Phi 4.75	0.515	0.431	0.484	0.453	0.534
>37 to 39.6 microns	0.915	0.768	0.859	0.804	0.976
>39.6 to 43.6 microns	1.380	1.160	1.280	1.200	1.700
>43.6 to 44 microns, Phi 4.5	0.131	0.110	0.122	0.115	0.161
>44 to 45 microns	0.323	0.273	0.301	0.282	0.404
>45 to 46.4 microns	0.473	0.404	0.438	0.411	0.708
>46.4 to 53 microns, Phi 4.25	2.090	1.790	1.930	1.810	3.290
>53 to 62.5 microns, Phi 4	2.830	2.460	2.590	2.440	5.520
>62.5 to 64 microns	0.428	0.375	0.389	0.369	0.926
>64 to 71.7 microns	2.160	1.900	1.940	1.850	4.990

Sediment Mapping Project
Grain Size
(all values are in percent distribution)

From 01-JUL-2004 to 01-SEP-2004

Analyte	SM068 02-AUG-2004 P266912	SM072 02-AUG-2004 P266914	SM074 02-AUG-2004 P266916	SM075 02-AUG-2004 P266917	SM047 06-AUG-2004 P267434
>71.7 to 74 microns	0.627	0.552	0.560	0.535	1.520
>74 to 79.6 microns	1.520	1.340	1.340	1.290	3.750
>79.6 to 87.6 microns	2.130	1.880	1.860	1.800	5.400
>87.6 to 88 microns, Phi 3.5	0.101	0.090	0.089	0.086	0.257
>88 to 90 microns	0.554	0.489	0.474	0.464	1.340
>90 to 105 microns, Phi 3.25	4.120	3.620	3.460	3.430	9.390
>105 to 125 microns, Phi 3	5.740	4.980	4.560	4.710	10.000
>125 to 149 microns, Phi 2.75	7.100	6.050	5.270	5.750	8.150
>149 to 160 microns	3.270	2.740	2.280	2.630	2.450
>160 to 177 microns, Phi 2.5	4.800	4.020	3.280	3.860	2.940
>177 to 197 microns	5.190	4.350	3.410	4.200	2.190
>197 to 210 microns, Phi 2.25	2.930	2.490	1.900	2.410	0.955
>210 to 217 microns	1.480	1.260	0.954	1.220	0.434
>217 to 245 microns	4.960	4.320	3.250	4.180	1.290
>245 to 250 microns, Phi 2	0.757	0.674	0.502	0.652	0.173
>250 to 300 microns, Phi 1.75	5.580	5.230	3.890	5.030	1.180
>300 to 320 microns	1.270	1.360	1.030	1.290	0.265
>320 to 350 microns, Phi 1.5	1.640	1.790	1.370	1.700	0.349
>350 to 360 microns	0.368	0.457	0.359	0.429	0.090
>360 to 400 microns	1.320	1.670	1.320	1.560	0.330
>400 to 420 microns, Phi 1.25	0.442	0.653	0.537	0.609	0.139
>420 to 440 microns	0.422	0.622	0.512	0.580	0.132
>440 to 500 microns, Phi 1	0.931	1.580	1.360	1.470	0.370
>500 to 590 microns, Phi 0.75	0.731	1.990	1.820	1.860	0.538
>590 to 630 microns	0.015	0.848	0.837	0.791	0.268
>630 to 696 microns	0.000	1.340	1.350	1.250	0.440
>696 to 710 microns, Phi 0.5	0.000	0.293	0.312	0.272	0.105
>710 to 773 microns	0.000	1.250	1.330	1.160	0.447
>773 to 840 microns, Phi 0.25	0.000	1.360	1.520	1.240	0.528
>840 to 850 microns	0.000	0.195	0.218	0.178	0.076
>850 to 930 microns	0.000	1.450	1.620	1.310	0.590
>930 to 1000 microns, Phi 0	0.000	1.140	1.280	1.020	0.486
1000 to 1100 microns	0.000	1.130	1.240	1.010	0.412
>1100 to 1190 microns, Phi -0.25	0.000	0.749	0.805	0.668	0.222
>1190 to 1300 microns	0.000	0.472	0.478	0.426	0.000
>1300 to 1410 microns, Phi -0.5	0.000	0.152	0.313	0.219	0.000
>1410 to 1680 microns, Phi -0.75	0.000	0.000	0.249	0.129	0.000
>1680 to 2000 microns, Phi -1	0.000	0.000	0.000	0.000	0.000
Totals:	100.048	100.020	99.995	100.034	99.980

Sediment Mapping Project
Grain Size
(all values are in percent distribution)

From 01-JUL-2004 to 01-SEP-2004

Analyte	SM060 06-AUG-2004 P267474	SM058 06-AUG-2004 P267476	SM059 06-AUG-2004 P267475	SM050 06-AUG-2004 P267436	SM053 06-AUG-2004 P267437
<0.500 microns, Phi 11	0.000	0.000	0.000	0.000	0.000
>0.5 to 1 microns, Phi 10	0.000	0.000	0.000	0.000	0.000
>1 to 1.5 microns, Phi 9.5	0.411	0.247	0.263	0.265	0.269
>1.5 to 2 microns, Phi 9	0.529	0.452	0.452	0.453	0.472
>2.0 to 2.4 microns	0.485	0.428	0.406	0.407	0.436
>2.4 to 2.9 microns, Phi 8.5	0.633	0.568	0.522	0.524	0.570
>2.9 to 3.4 microns	0.649	0.591	0.529	0.531	0.581
>3.4 to 3.9 microns, Phi 8	0.695	0.642	0.558	0.561	0.618
>3.9 to 4 microns	0.143	0.133	0.115	0.115	0.125
>4.0 to 4.3 microns	0.411	0.381	0.330	0.330	0.358
>4.3 to 4.5 microns	0.264	0.245	0.212	0.212	0.230
>4.5 to 5 microns	0.697	0.653	0.559	0.557	0.599
>5 to 5.5 microns	0.686	0.644	0.553	0.550	0.580
>5.5 to 5.7 microns	0.264	0.248	0.213	0.212	0.222
>5.7 to 5.9 microns, Phi 7.5	0.260	0.244	0.210	0.208	0.218
>5.9 to 7.8 microns, Phi 7	2.400	2.270	1.970	1.940	1.970
>7.8 to 8 microns	0.241	0.229	0.202	0.199	0.195
>8 to 8.5 microns	0.578	0.547	0.485	0.477	0.467
>8.5 to 8.9 microns	0.443	0.420	0.374	0.368	0.358
>8.9 to 9.1 microns	0.224	0.212	0.192	0.189	0.180
>9.1 to 9.5 microns	0.433	0.410	0.371	0.365	0.348
>9.5 to 9.8 microns	0.313	0.297	0.268	0.264	0.251
>9.8 to 10.1 microns	0.304	0.288	0.260	0.256	0.244
>10.1 to 10.6 microns	0.516	0.489	0.451	0.445	0.411
>10.6 to 11.1 microns	0.492	0.467	0.430	0.424	0.392
>11.1 to 11.3 microns	0.191	0.181	0.167	0.164	0.152
>11.3 to 11.7 microns, Phi 6.5	0.372	0.353	0.328	0.324	0.298
>11.7 to 14 microns	1.940	1.840	1.760	1.750	1.570
>14 to 14.8 microns	0.612	0.582	0.565	0.565	0.499
>14.8 to 15.6 microns	0.588	0.560	0.551	0.554	0.485
>15.6 to 16 microns	0.287	0.273	0.272	0.275	0.239
>16 to 20 microns	2.550	2.440	2.470	2.520	2.160
>20 to 23 microns, Phi 5.5	1.640	1.580	1.650	1.730	1.450
>23 to 27 microns	1.980	1.910	2.040	2.200	1.840
>27 to 31 microns, Phi 5	1.860	1.830	1.950	2.160	1.810
>31 to 32 microns	0.466	0.466	0.491	0.551	0.463
>32 to 35.6 microns	1.670	1.690	1.760	1.990	1.680
>35.6 to 37 microns, Phi 4.75	0.671	0.695	0.711	0.806	0.686
>37 to 39.6 microns	1.220	1.270	1.300	1.470	1.250
>39.6 to 43.6 microns	2.100	2.230	2.240	2.550	2.200
>43.6 to 44 microns, Phi 4.5	0.199	0.211	0.213	0.242	0.208
>44 to 45 microns	0.498	0.529	0.533	0.606	0.522
>45 to 46.4 microns	0.850	0.905	0.918	1.040	0.907
>46.4 to 53 microns, Phi 4.25	3.900	4.130	4.220	4.790	4.170
>53 to 62.5 microns, Phi 4	6.210	6.440	6.710	7.580	6.600
>62.5 to 64 microns	1.010	1.030	1.090	1.220	1.060
>64 to 71.7 microns	5.270	5.320	5.640	6.260	5.390

Sediment Mapping Project
Grain Size
(all values are in percent distribution)

From 01-JUL-2004 to 01-SEP-2004

Analyte	SM060 06-AUG-2004 P267474	SM058 06-AUG-2004 P267476	SM059 06-AUG-2004 P267475	SM050 06-AUG-2004 P267436	SM053 06-AUG-2004 P267437
>71.7 to 74 microns	1.570	1.570	1.670	1.840	1.570
>74 to 79.6 microns	3.790	3.770	4.020	4.370	3.690
>79.6 to 87.6 microns	5.290	5.230	5.580	5.980	4.960
>87.6 to 88 microns, Phi 3.5	0.252	0.249	0.265	0.285	0.236
>88 to 90 microns	1.280	1.260	1.340	1.410	1.140
>90 to 105 microns, Phi 3.25	8.840	8.650	9.220	9.520	7.590
>105 to 125 microns, Phi 3	9.370	9.130	9.600	9.450	7.420
>125 to 149 microns, Phi 2.75	7.790	7.650	7.830	7.150	5.820
>149 to 160 microns	2.420	2.430	2.390	2.000	1.780
>160 to 177 microns, Phi 2.5	2.970	3.020	2.900	2.320	2.180
>177 to 197 microns	2.290	2.410	2.200	1.580	1.730
>197 to 210 microns, Phi 2.25	1.020	1.110	0.968	0.642	0.808
>210 to 217 microns	0.468	0.518	0.442	0.281	0.379
>217 to 245 microns	1.400	1.600	1.320	0.791	1.200
>245 to 250 microns, Phi 2	0.189	0.222	0.176	0.099	0.171
>250 to 300 microns, Phi 1.75	1.280	1.560	1.180	0.608	1.280
>300 to 320 microns	0.276	0.357	0.249	0.110	0.347
>320 to 350 microns, Phi 1.5	0.360	0.466	0.322	0.139	0.472
>350 to 360 microns	0.087	0.114	0.076	0.031	0.137
>360 to 400 microns	0.316	0.412	0.275	0.110	0.516
>400 to 420 microns, Phi 1.25	0.120	0.152	0.101	0.039	0.245
>420 to 440 microns	0.114	0.145	0.096	0.037	0.234
>440 to 500 microns, Phi 1	0.282	0.336	0.227	0.020	0.726
>500 to 590 microns, Phi 0.75	0.073	0.085	0.057	0.000	1.170
>590 to 630 microns	0.000	0.000	0.000	0.000	0.623
>630 to 696 microns	0.000	0.000	0.000	0.000	1.030
>696 to 710 microns, Phi 0.5	0.000	0.000	0.000	0.000	0.244
>710 to 773 microns	0.000	0.000	0.000	0.000	1.040
>773 to 840 microns, Phi 0.25	0.000	0.000	0.000	0.000	1.160
>840 to 850 microns	0.000	0.000	0.000	0.000	0.167
>850 to 930 microns	0.000	0.000	0.000	0.000	1.220
>930 to 1000 microns, Phi 0	0.000	0.000	0.000	0.000	0.948
1000 to 1100 microns	0.000	0.000	0.000	0.000	0.922
>1100 to 1190 microns, Phi -0.25	0.000	0.000	0.000	0.000	0.609
>1190 to 1300 microns	0.000	0.000	0.000	0.000	0.383
>1300 to 1410 microns, Phi -0.5	0.000	0.000	0.000	0.000	0.123
>1410 to 1680 microns, Phi -0.75	0.000	0.000	0.000	0.000	0.000
>1680 to 2000 microns, Phi -1	0.000	0.000	0.000	0.000	0.000
Totals:	100.002	100.016	100.008	100.011	100.003

Sediment Mapping Project
Grain Size
(all values are in percent distribution)

From 01-JUL-2004 to 01-SEP-2004

Analyte	SM054 06-AUG-2004 P267438	SM056 06-AUG-2004 P267440	SM057 06-AUG-2004 P267441	SM061 06-AUG-2004 P267442	SM062 06-AUG-2004 P267443
<0.500 microns, Phi 11	0.000	0.000	0.000	0.000	0.000
>0.5 to 1 microns, Phi 10	0.000	0.000	0.000	0.000	0.000
>1 to 1.5 microns, Phi 9.5	0.412	0.278	0.279	0.393	0.268
>1.5 to 2 microns, Phi 9	0.517	0.488	0.500	0.509	0.464
>2.0 to 2.4 microns	0.465	0.447	0.464	0.465	0.421
>2.4 to 2.9 microns, Phi 8.5	0.597	0.581	0.605	0.603	0.543
>2.9 to 3.4 microns	0.603	0.591	0.616	0.613	0.552
>3.4 to 3.9 microns, Phi 8	0.635	0.627	0.657	0.651	0.584
>3.9 to 4 microns	0.129	0.128	0.133	0.133	0.120
>4.0 to 4.3 microns	0.370	0.367	0.383	0.382	0.343
>4.3 to 4.5 microns	0.237	0.236	0.246	0.245	0.220
>4.5 to 5 microns	0.618	0.617	0.643	0.643	0.578
>5 to 5.5 microns	0.602	0.604	0.626	0.630	0.569
>5.5 to 5.7 microns	0.231	0.232	0.240	0.242	0.219
>5.7 to 5.9 microns, Phi 7.5	0.227	0.228	0.236	0.238	0.215
>5.9 to 7.8 microns, Phi 7	2.060	2.090	2.150	2.190	2.000
>7.8 to 8 microns	0.205	0.210	0.213	0.220	0.203
>8 to 8.5 microns	0.491	0.503	0.511	0.528	0.487
>8.5 to 8.9 microns	0.376	0.387	0.392	0.405	0.375
>8.9 to 9.1 microns	0.189	0.196	0.197	0.205	0.191
>9.1 to 9.5 microns	0.366	0.379	0.382	0.397	0.371
>9.5 to 9.8 microns	0.265	0.274	0.276	0.287	0.268
>9.8 to 10.1 microns	0.257	0.266	0.268	0.278	0.260
>10.1 to 10.6 microns	0.434	0.454	0.453	0.476	0.449
>10.6 to 11.1 microns	0.414	0.433	0.432	0.454	0.428
>11.1 to 11.3 microns	0.160	0.168	0.167	0.176	0.166
>11.3 to 11.7 microns, Phi 6.5	0.314	0.329	0.327	0.344	0.327
>11.7 to 14 microns	1.650	1.750	1.720	1.820	1.750
>14 to 14.8 microns	0.521	0.559	0.546	0.579	0.563
>14.8 to 15.6 microns	0.506	0.546	0.531	0.562	0.550
>15.6 to 16 microns	0.248	0.270	0.261	0.276	0.272
>16 to 20 microns	2.240	2.460	2.360	2.490	2.480
>20 to 23 microns, Phi 5.5	1.490	1.670	1.590	1.660	1.690
>23 to 27 microns	1.870	2.130	2.010	2.060	2.120
>27 to 31 microns, Phi 5	1.830	2.120	2.000	1.990	2.060
>31 to 32 microns	0.471	0.545	0.516	0.502	0.520
>32 to 35.6 microns	1.710	1.970	1.870	1.800	1.860
>35.6 to 37 microns, Phi 4.75	0.696	0.797	0.762	0.724	0.742
>37 to 39.6 microns	1.270	1.450	1.390	1.320	1.350
>39.6 to 43.6 microns	2.200	2.480	2.390	2.270	2.300
>43.6 to 44 microns, Phi 4.5	0.209	0.235	0.227	0.216	0.218
>44 to 45 microns	0.524	0.589	0.566	0.540	0.546
>45 to 46.4 microns	0.903	0.999	0.963	0.933	0.934
>46.4 to 53 microns, Phi 4.25	4.160	4.580	4.410	4.290	4.290
>53 to 62.5 microns, Phi 4	6.770	7.280	6.990	6.880	6.870
>62.5 to 64 microns	1.120	1.180	1.130	1.120	1.120
>64 to 71.7 microns	5.890	6.090	5.830	5.750	5.790

Sediment Mapping Project
Grain Size
(all values are in percent distribution)

From 01-JUL-2004 to 01-SEP-2004

Analyte	SM054 06-AUG-2004 P267438	SM056 06-AUG-2004 P267440	SM057 06-AUG-2004 P267441	SM061 06-AUG-2004 P267442	SM062 06-AUG-2004 P267443
>71.7 to 74 microns	1.770	1.800	1.720	1.700	1.720
>74 to 79.6 microns	4.280	4.260	4.060	4.030	4.110
>79.6 to 87.6 microns	6.000	5.820	5.520	5.500	5.690
>87.6 to 88 microns, Phi 3.5	0.285	0.277	0.263	0.262	0.271
>88 to 90 microns	1.450	1.360	1.280	1.300	1.370
>90 to 105 microns, Phi 3.25	9.920	9.170	8.640	8.780	9.360
>105 to 125 microns, Phi 3	10.200	9.150	8.700	8.940	9.720
>125 to 149 microns, Phi 2.75	7.920	7.140	7.030	7.230	7.770
>149 to 160 microns	2.270	2.100	2.190	2.230	2.300
>160 to 177 microns, Phi 2.5	2.660	2.500	2.700	2.730	2.730
>177 to 197 microns	1.870	1.810	2.140	2.120	1.980
>197 to 210 microns, Phi 2.25	0.777	0.767	0.986	0.955	0.837
>210 to 217 microns	0.344	0.343	0.460	0.441	0.375
>217 to 245 microns	0.988	0.989	1.420	1.340	1.090
>245 to 250 microns, Phi 2	0.126	0.127	0.197	0.182	0.141
>250 to 300 microns, Phi 1.75	0.806	0.806	1.390	1.250	0.913
>300 to 320 microns	0.158	0.150	0.320	0.274	0.181
>320 to 350 microns, Phi 1.5	0.205	0.192	0.419	0.356	0.233
>350 to 360 microns	0.048	0.042	0.103	0.085	0.054
>360 to 400 microns	0.175	0.150	0.373	0.306	0.194
>400 to 420 microns, Phi 1.25	0.067	0.052	0.139	0.110	0.070
>420 to 440 microns	0.064	0.049	0.132	0.105	0.067
>440 to 500 microns, Phi 1	0.167	0.115	0.310	0.240	0.160
>500 to 590 microns, Phi 0.75	0.044	0.029	0.078	0.060	0.041
>590 to 630 microns	0.000	0.000	0.000	0.000	0.000
>630 to 696 microns	0.000	0.000	0.000	0.000	0.000
>696 to 710 microns, Phi 0.5	0.000	0.000	0.000	0.000	0.000
>710 to 773 microns	0.000	0.000	0.000	0.000	0.000
>773 to 840 microns, Phi 0.25	0.000	0.000	0.000	0.000	0.000
>840 to 850 microns	0.000	0.000	0.000	0.000	0.000
>850 to 930 microns	0.000	0.000	0.000	0.000	0.000
>930 to 1000 microns, Phi 0	0.000	0.000	0.000	0.000	0.000
1000 to 1100 microns	0.000	0.000	0.000	0.000	0.000
>1100 to 1190 microns, Phi -0.25	0.000	0.000	0.000	0.000	0.000
>1190 to 1300 microns	0.000	0.000	0.000	0.000	0.000
>1300 to 1410 microns, Phi -0.5	0.000	0.000	0.000	0.000	0.000
>1410 to 1680 microns, Phi -0.75	0.000	0.000	0.000	0.000	0.000
>1680 to 2000 microns, Phi -1	0.000	0.000	0.000	0.000	0.000
Totals:	100.046	100.011	100.028	100.015	100.023

Sediment Mapping Project
Grain Size
(all values are in percent distribution)

From 01-JUL-2004 to 01-SEP-2004

Analyte	SM036 09-AUG-2004 P267923	SM037 09-AUG-2004 P267924	SM038 09-AUG-2004 P267925	SM044 09-AUG-2004 P267965	SM039 09-AUG-2004 P267926
<0.500 microns, Phi 11	0.000	0.000	0.000	0.000	0.000
>0.5 to 1 microns, Phi 10	0.099	0.000	0.000	0.000	0.000
>1 to 1.5 microns, Phi 9.5	0.573	0.108	0.124	0.121	0.000
>1.5 to 2 microns, Phi 9	0.856	0.354	0.416	0.403	0.287
>2.0 to 2.4 microns	0.841	0.333	0.401	0.385	0.278
>2.4 to 2.9 microns, Phi 8.5	1.120	0.442	0.539	0.516	0.376
>2.9 to 3.4 microns	1.170	0.461	0.564	0.540	0.398
>3.4 to 3.9 microns, Phi 8	1.270	0.500	0.617	0.591	0.438
>3.9 to 4 microns	0.263	0.103	0.127	0.122	0.091
>4.0 to 4.3 microns	0.755	0.297	0.365	0.350	0.262
>4.3 to 4.5 microns	0.486	0.191	0.235	0.225	0.169
>4.5 to 5 microns	1.290	0.507	0.622	0.599	0.453
>5 to 5.5 microns	1.290	0.499	0.609	0.588	0.446
>5.5 to 5.7 microns	0.496	0.192	0.234	0.226	0.172
>5.7 to 5.9 microns, Phi 7.5	0.488	0.189	0.230	0.222	0.169
>5.9 to 7.8 microns, Phi 7	4.580	1.750	2.100	2.050	1.570
>7.8 to 8 microns	0.469	0.174	0.205	0.202	0.156
>8 to 8.5 microns	1.120	0.417	0.492	0.483	0.373
>8.5 to 8.9 microns	0.865	0.319	0.376	0.370	0.285
>8.9 to 9.1 microns	0.441	0.160	0.186	0.184	0.143
>9.1 to 9.5 microns	0.854	0.310	0.361	0.357	0.276
>9.5 to 9.8 microns	0.617	0.224	0.261	0.258	0.200
>9.8 to 10.1 microns	0.599	0.217	0.253	0.250	0.194
>10.1 to 10.6 microns	1.040	0.366	0.419	0.418	0.324
>10.6 to 11.1 microns	0.988	0.349	0.400	0.399	0.309
>11.1 to 11.3 microns	0.383	0.135	0.155	0.154	0.120
>11.3 to 11.7 microns, Phi 6.5	0.749	0.264	0.300	0.300	0.233
>11.7 to 14 microns	3.960	1.370	1.520	1.540	1.200
>14 to 14.8 microns	1.260	0.429	0.470	0.480	0.373
>14.8 to 15.6 microns	1.220	0.413	0.446	0.458	0.356
>15.6 to 16 microns	0.597	0.201	0.215	0.222	0.172
>16 to 20 microns	5.370	1.790	1.880	1.960	1.520
>20 to 23 microns, Phi 5.5	3.520	1.160	1.160	1.240	0.960
>23 to 27 microns	4.270	1.420	1.370	1.490	1.160
>27 to 31 microns, Phi 5	3.980	1.390	1.280	1.420	1.110
>31 to 32 microns	0.977	0.360	0.323	0.361	0.287
>32 to 35.6 microns	3.410	1.330	1.170	1.310	1.060
>35.6 to 37 microns, Phi 4.75	1.310	0.558	0.477	0.534	0.444
>37 to 39.6 microns	2.350	1.030	0.875	0.979	0.821
>39.6 to 43.6 microns	3.660	1.880	1.550	1.740	1.510
>43.6 to 44 microns, Phi 4.5	0.347	0.178	0.147	0.165	0.144
>44 to 45 microns	0.859	0.449	0.370	0.416	0.362
>45 to 46.4 microns	1.280	0.814	0.659	0.752	0.670
>46.4 to 53 microns, Phi 4.25	5.590	3.800	3.070	3.530	3.160
>53 to 62.5 microns, Phi 4	7.080	6.550	5.150	6.160	5.680
>62.5 to 64 microns	0.996	1.110	0.861	1.050	0.991
>64 to 71.7 microns	4.500	6.090	4.580	5.700	5.560

Sediment Mapping Project
Grain Size
(all values are in percent distribution)

From 01-JUL-2004 to 01-SEP-2004

Analyte	SM036 09-AUG-2004 P267923	SM037 09-AUG-2004 P267924	SM038 09-AUG-2004 P267925	SM044 09-AUG-2004 P267965	SM039 09-AUG-2004 P267926
>71.7 to 74 microns	1.180	1.880	1.390	1.750	1.750
>74 to 79.6 microns	2.560	4.670	3.370	4.290	4.430
>79.6 to 87.6 microns	3.000	6.780	4.780	6.130	6.600
>87.6 to 88 microns, Phi 3.5	0.143	0.323	0.227	0.292	0.314
>88 to 90 microns	0.602	1.690	1.170	1.500	1.690
>90 to 105 microns, Phi 3.25	3.640	11.800	8.090	10.400	12.000
>105 to 125 microns, Phi 3	2.980	12.200	8.610	10.600	12.800
>125 to 149 microns, Phi 2.75	2.070	9.200	7.250	8.240	10.000
>149 to 160 microns	0.593	2.520	2.330	2.380	2.840
>160 to 177 microns, Phi 2.5	0.712	2.880	2.920	2.810	3.300
>177 to 197 microns	0.550	1.900	2.410	2.030	2.300
>197 to 210 microns, Phi 2.25	0.253	0.748	1.160	0.873	0.958
>210 to 217 microns	0.118	0.323	0.554	0.394	0.425
>217 to 245 microns	0.367	0.889	1.780	1.170	1.230
>245 to 250 microns, Phi 2	0.052	0.107	0.261	0.156	0.159
>250 to 300 microns, Phi 1.75	0.373	0.641	2.010	1.060	1.040
>300 to 320 microns	0.091	0.107	0.565	0.241	0.218
>320 to 350 microns, Phi 1.5	0.120	0.135	0.768	0.318	0.286
>350 to 360 microns	0.031	0.028	0.224	0.083	0.071
>360 to 400 microns	0.114	0.090	0.839	0.305	0.260
>400 to 420 microns, Phi 1.25	0.045	0.000	0.390	0.129	0.106
>420 to 440 microns	0.043	0.000	0.372	0.123	0.101
>440 to 500 microns, Phi 1	0.107	0.000	1.100	0.345	0.273
>500 to 590 microns, Phi 0.75	0.028	0.000	1.640	0.494	0.376
>590 to 630 microns	0.000	0.000	0.784	0.236	0.172
>630 to 696 microns	0.000	0.000	1.250	0.379	0.273
>696 to 710 microns, Phi 0.5	0.000	0.000	0.277	0.086	0.060
>710 to 773 microns	0.000	0.000	1.180	0.366	0.258
>773 to 840 microns, Phi 0.25	0.000	0.000	1.220	0.396	0.269
>840 to 850 microns	0.000	0.000	0.174	0.057	0.038
>850 to 930 microns	0.000	0.000	1.040	0.338	0.150
>930 to 1000 microns, Phi 0	0.000	0.000	0.593	0.193	0.000
1000 to 1100 microns	0.000	0.000	0.503	0.052	0.000
>1100 to 1190 microns, Phi -0.25	0.000	0.000	0.319	0.000	0.000
>1190 to 1300 microns	0.000	0.000	0.223	0.000	0.000
>1300 to 1410 microns, Phi -0.5	0.000	0.000	0.072	0.000	0.000
>1410 to 1680 microns, Phi -0.75	0.000	0.000	0.000	0.000	0.000
>1680 to 2000 microns, Phi -1	0.000	0.000	0.000	0.000	0.000
Totals:	100.010	100.094	100.009	100.036	100.009

Sediment Mapping Project
Grain Size
(all values are in percent distribution)

From 01-JUL-2004 to 01-SEP-2004

Analyte	SM040 09-AUG-2004 P267927	SM041 09-AUG-2004 P267928	SM045 09-AUG-2004 P267931	SM048 09-AUG-2004 P267932	SM017 10-AUG-2004 P268004
<0.500 microns, Phi 11	0.000	0.000	0.000	0.000	0.000
>0.5 to 1 microns, Phi 10	0.000	0.000	0.000	0.000	0.000
>1 to 1.5 microns, Phi 9.5	0.255	0.237	0.239	0.253	0.271
>1.5 to 2 microns, Phi 9	0.444	0.411	0.431	0.455	0.502
>2.0 to 2.4 microns	0.406	0.376	0.406	0.428	0.478
>2.4 to 2.9 microns, Phi 8.5	0.529	0.491	0.540	0.568	0.636
>2.9 to 3.4 microns	0.540	0.504	0.562	0.592	0.661
>3.4 to 3.9 microns, Phi 8	0.576	0.539	0.611	0.643	0.717
>3.9 to 4 microns	0.118	0.111	0.126	0.133	0.147
>4.0 to 4.3 microns	0.337	0.318	0.362	0.383	0.423
>4.3 to 4.5 microns	0.216	0.204	0.233	0.246	0.272
>4.5 to 5 microns	0.567	0.538	0.619	0.655	0.722
>5 to 5.5 microns	0.552	0.526	0.608	0.647	0.709
>5.5 to 5.7 microns	0.212	0.202	0.234	0.250	0.273
>5.7 to 5.9 microns, Phi 7.5	0.208	0.198	0.230	0.245	0.268
>5.9 to 7.8 microns, Phi 7	1.890	1.820	2.130	2.290	2.480
>7.8 to 8 microns	0.186	0.180	0.213	0.232	0.248
>8 to 8.5 microns	0.446	0.431	0.510	0.556	0.594
>8.5 to 8.9 microns	0.341	0.330	0.391	0.428	0.455
>8.9 to 9.1 microns	0.171	0.165	0.197	0.217	0.229
>9.1 to 9.5 microns	0.330	0.320	0.381	0.420	0.443
>9.5 to 9.8 microns	0.238	0.231	0.275	0.304	0.320
>9.8 to 10.1 microns	0.231	0.225	0.267	0.295	0.311
>10.1 to 10.6 microns	0.387	0.378	0.452	0.505	0.527
>10.6 to 11.1 microns	0.369	0.360	0.432	0.482	0.503
>11.1 to 11.3 microns	0.143	0.140	0.167	0.187	0.195
>11.3 to 11.7 microns, Phi 6.5	0.279	0.272	0.327	0.366	0.379
>11.7 to 14 microns	1.440	1.410	1.710	1.940	1.970
>14 to 14.8 microns	0.453	0.444	0.539	0.617	0.621
>14.8 to 15.6 microns	0.436	0.427	0.521	0.600	0.596
>15.6 to 16 microns	0.213	0.208	0.255	0.295	0.290
>16 to 20 microns	1.900	1.860	2.290	2.670	2.580
>20 to 23 microns, Phi 5.5	1.240	1.200	1.500	1.790	1.660
>23 to 27 microns	1.530	1.480	1.860	2.250	2.000
>27 to 31 microns, Phi 5	1.500	1.430	1.820	2.200	1.880
>31 to 32 microns	0.389	0.367	0.467	0.565	0.470
>32 to 35.6 microns	1.430	1.340	1.690	2.040	1.690
>35.6 to 37 microns, Phi 4.75	0.596	0.549	0.691	0.829	0.682
>37 to 39.6 microns	1.100	1.010	1.270	1.510	1.250
>39.6 to 43.6 microns	2.010	1.810	2.230	2.620	2.200
>43.6 to 44 microns, Phi 4.5	0.191	0.172	0.212	0.249	0.209
>44 to 45 microns	0.481	0.433	0.531	0.623	0.524
>45 to 46.4 microns	0.882	0.791	0.943	1.070	0.927
>46.4 to 53 microns, Phi 4.25	4.130	3.720	4.380	4.940	4.290
>53 to 62.5 microns, Phi 4	7.090	6.520	7.320	7.840	6.990
>62.5 to 64 microns	1.200	1.110	1.220	1.270	1.140
>64 to 71.7 microns	6.400	6.040	6.370	6.430	5.900

Sediment Mapping Project
Grain Size
(all values are in percent distribution)

From 01-JUL-2004 to 01-SEP-2004

Analyte	SM040 09-AUG-2004 P267927	SM041 09-AUG-2004 P267928	SM045 09-AUG-2004 P267931	SM048 09-AUG-2004 P267932	SM017 10-AUG-2004 P268004
>71.7 to 74 microns	1.950	1.850	1.900	1.880	1.750
>74 to 79.6 microns	4.750	4.550	4.540	4.390	4.170
>79.6 to 87.6 microns	6.740	6.530	6.260	5.870	5.740
>87.6 to 88 microns, Phi 3.5	0.321	0.310	0.298	0.279	0.273
>88 to 90 microns	1.630	1.600	1.470	1.340	1.360
>90 to 105 microns, Phi 3.25	11.200	11.100	9.880	8.830	9.180
>105 to 125 microns, Phi 3	11.000	11.300	9.650	8.400	9.080
>125 to 149 microns, Phi 2.75	8.060	8.640	7.240	6.250	6.950
>149 to 160 microns	2.170	2.460	2.050	1.770	2.020
>160 to 177 microns, Phi 2.5	2.460	2.880	2.390	2.080	2.410
>177 to 197 microns	1.630	2.050	1.700	1.480	1.780
>197 to 210 microns, Phi 2.25	0.652	0.872	0.718	0.625	0.781
>210 to 217 microns	0.284	0.392	0.322	0.280	0.356
>217 to 245 microns	0.804	1.150	0.940	0.816	1.070
>245 to 250 microns, Phi 2	0.101	0.152	0.123	0.106	0.144
>250 to 300 microns, Phi 1.75	0.642	1.020	0.811	0.697	0.991
>300 to 320 microns	0.128	0.221	0.168	0.142	0.223
>320 to 350 microns, Phi 1.5	0.162	0.290	0.218	0.184	0.292
>350 to 360 microns	0.033	0.072	0.052	0.043	0.072
>360 to 400 microns	0.120	0.263	0.188	0.156	0.263
>400 to 420 microns, Phi 1.25	0.049	0.104	0.070	0.057	0.101
>420 to 440 microns	0.047	0.100	0.066	0.055	0.097
>440 to 500 microns, Phi 1	0.126	0.256	0.159	0.130	0.235
>500 to 590 microns, Phi 0.75	0.033	0.067	0.041	0.033	0.060
>590 to 630 microns	0.000	0.000	0.000	0.000	0.000
>630 to 696 microns	0.032	0.000	0.000	0.000	0.000
>696 to 710 microns, Phi 0.5	0.025	0.000	0.000	0.000	0.000
>710 to 773 microns	0.105	0.000	0.000	0.000	0.000
>773 to 840 microns, Phi 0.25	0.108	0.000	0.000	0.000	0.000
>840 to 850 microns	0.016	0.000	0.000	0.000	0.000
>850 to 930 microns	0.061	0.000	0.000	0.000	0.000
>930 to 1000 microns, Phi 0	0.000	0.000	0.000	0.000	0.000
1000 to 1100 microns	0.000	0.000	0.000	0.000	0.000
>1100 to 1190 microns, Phi -0.25	0.000	0.000	0.000	0.000	0.000
>1190 to 1300 microns	0.000	0.000	0.000	0.000	0.000
>1300 to 1410 microns, Phi -0.5	0.000	0.000	0.000	0.000	0.000
>1410 to 1680 microns, Phi -0.75	0.000	0.000	0.000	0.000	0.000
>1680 to 2000 microns, Phi -1	0.000	0.000	0.000	0.000	0.000
Totals:	100.021	100.057	100.016	100.021	100.030

Sediment Mapping Project
Grain Size
(all values are in percent distribution)

From 01-JUL-2004 to 01-SEP-2004

Analyte	SM022 10-AUG-2004 P268005	SM023 10-AUG-2004 P268006	SM019 10-AUG-2004 P268048	SM018 10-AUG-2004 P268049	SM030 10-AUG-2004 P268007
<0.500 microns, Phi 11	0.000	0.000	0.000	0.000	0.000
>0.5 to 1 microns, Phi 10	0.000	0.000	0.114	0.000	0.000
>1 to 1.5 microns, Phi 9.5	0.289	0.403	0.571	0.276	0.500
>1.5 to 2 microns, Phi 9	0.521	0.519	0.747	0.514	0.775
>2.0 to 2.4 microns	0.488	0.473	0.688	0.491	0.777
>2.4 to 2.9 microns, Phi 8.5	0.643	0.613	0.898	0.655	1.050
>2.9 to 3.4 microns	0.664	0.626	0.921	0.682	1.110
>3.4 to 3.9 microns, Phi 8	0.715	0.665	0.986	0.742	1.220
>3.9 to 4 microns	0.148	0.137	0.205	0.154	0.254
>4.0 to 4.3 microns	0.426	0.395	0.588	0.441	0.731
>4.3 to 4.5 microns	0.274	0.254	0.378	0.284	0.471
>4.5 to 5 microns	0.728	0.670	1.000	0.755	1.260
>5 to 5.5 microns	0.724	0.665	0.998	0.747	1.260
>5.5 to 5.7 microns	0.280	0.257	0.386	0.288	0.488
>5.7 to 5.9 microns, Phi 7.5	0.275	0.252	0.379	0.283	0.481
>5.9 to 7.8 microns, Phi 7	2.600	2.380	3.580	2.650	4.570
>7.8 to 8 microns	0.270	0.248	0.369	0.271	0.473
>8 to 8.5 microns	0.647	0.593	0.884	0.648	1.130
>8.5 to 8.9 microns	0.500	0.458	0.681	0.499	0.873
>8.9 to 9.1 microns	0.258	0.237	0.349	0.255	0.447
>9.1 to 9.5 microns	0.499	0.459	0.675	0.493	0.866
>9.5 to 9.8 microns	0.361	0.332	0.488	0.356	0.626
>9.8 to 10.1 microns	0.350	0.322	0.473	0.346	0.608
>10.1 to 10.6 microns	0.612	0.565	0.821	0.595	1.060
>10.6 to 11.1 microns	0.584	0.539	0.784	0.568	1.010
>11.1 to 11.3 microns	0.226	0.209	0.304	0.220	0.391
>11.3 to 11.7 microns, Phi 6.5	0.448	0.414	0.596	0.433	0.767
>11.7 to 14 microns	2.440	2.270	3.170	2.310	4.070
>14 to 14.8 microns	0.791	0.740	1.020	0.740	1.300
>14.8 to 15.6 microns	0.782	0.735	0.986	0.724	1.260
>15.6 to 16 microns	0.390	0.368	0.485	0.358	0.617
>16 to 20 microns	3.610	3.430	4.380	3.270	5.560
>20 to 23 microns, Phi 5.5	2.520	2.440	2.900	2.220	3.640
>23 to 27 microns	3.290	3.220	3.560	2.840	4.410
>27 to 31 microns, Phi 5	3.320	3.290	3.390	2.840	4.080
>31 to 32 microns	0.864	0.861	0.847	0.739	0.993
>32 to 35.6 microns	3.120	3.120	3.010	2.680	3.430
>35.6 to 37 microns, Phi 4.75	1.270	1.280	1.190	1.100	1.300
>37 to 39.6 microns	2.310	2.320	2.150	2.000	2.320
>39.6 to 43.6 microns	3.900	3.920	3.490	3.420	3.520
>43.6 to 44 microns, Phi 4.5	0.370	0.372	0.332	0.325	0.335
>44 to 45 microns	0.923	0.928	0.823	0.810	0.826
>45 to 46.4 microns	1.500	1.500	1.280	1.340	1.190
>46.4 to 53 microns, Phi 4.25	6.750	6.730	5.680	6.060	5.190
>53 to 62.5 microns, Phi 4	9.550	9.380	7.640	8.820	6.410
>62.5 to 64 microns	1.430	1.390	1.120	1.350	0.893
>64 to 71.7 microns	6.710	6.460	5.210	6.480	4.010

Sediment Mapping Project
Grain Size
(all values are in percent distribution)

From 01-JUL-2004 to 01-SEP-2004

Analyte	SM022 10-AUG-2004 P268005	SM023 10-AUG-2004 P268006	SM019 10-AUG-2004 P268048	SM018 10-AUG-2004 P268049	SM030 10-AUG-2004 P268007
>71.7 to 74 microns	1.830	1.750	1.420	1.810	1.050
>74 to 79.6 microns	4.000	3.820	3.130	4.060	2.260
>79.6 to 87.6 microns	4.810	4.570	3.840	5.080	2.640
>87.6 to 88 microns, Phi 3.5	0.229	0.218	0.182	0.242	0.126
>88 to 90 microns	0.970	0.922	0.803	1.080	0.529
>90 to 105 microns, Phi 3.25	5.870	5.590	5.020	6.770	3.200
>105 to 125 microns, Phi 3	4.700	4.530	4.420	5.890	2.640
>125 to 149 microns, Phi 2.75	3.130	3.120	3.280	4.190	1.880
>149 to 160 microns	0.860	0.899	0.991	1.190	0.557
>160 to 177 microns, Phi 2.5	1.010	1.090	1.220	1.420	0.685
>177 to 197 microns	0.760	0.873	0.974	1.060	0.562
>197 to 210 microns, Phi 2.25	0.346	0.424	0.458	0.477	0.279
>210 to 217 microns	0.160	0.202	0.216	0.220	0.134
>217 to 245 microns	0.498	0.663	0.677	0.673	0.451
>245 to 250 microns, Phi 2	0.070	0.099	0.097	0.093	0.069
>250 to 300 microns, Phi 1.75	0.513	0.798	0.702	0.663	0.583
>300 to 320 microns	0.131	0.247	0.172	0.159	0.205
>320 to 350 microns, Phi 1.5	0.174	0.341	0.227	0.211	0.292
>350 to 360 microns	0.046	0.105	0.058	0.055	0.102
>360 to 400 microns	0.170	0.397	0.210	0.200	0.394
>400 to 420 microns, Phi 1.25	0.070	0.190	0.081	0.080	0.219
>420 to 440 microns	0.066	0.181	0.077	0.077	0.208
>440 to 500 microns, Phi 1	0.167	0.523	0.185	0.192	0.683
>500 to 590 microns, Phi 0.75	0.043	0.695	0.047	0.049	0.973
>590 to 630 microns	0.000	0.161	0.000	0.000	0.228
>630 to 696 microns	0.000	0.174	0.000	0.000	0.292
>696 to 710 microns, Phi 0.5	0.000	0.000	0.000	0.000	0.037
>710 to 773 microns	0.000	0.000	0.000	0.000	0.156
>773 to 840 microns, Phi 0.25	0.000	0.000	0.000	0.000	0.010
>840 to 850 microns	0.000	0.000	0.000	0.000	0.000
>850 to 930 microns	0.000	0.000	0.000	0.000	0.000
>930 to 1000 microns, Phi 0	0.000	0.000	0.000	0.000	0.000
1000 to 1100 microns	0.000	0.000	0.000	0.000	0.000
>1100 to 1190 microns, Phi -0.25	0.000	0.000	0.000	0.000	0.000
>1190 to 1300 microns	0.000	0.000	0.000	0.000	0.000
>1300 to 1410 microns, Phi -0.5	0.000	0.000	0.000	0.000	0.000
>1410 to 1680 microns, Phi -0.75	0.000	0.000	0.000	0.000	0.000
>1680 to 2000 microns, Phi -1	0.000	0.000	0.000	0.000	0.000
Totals:	99.993	100.021	100.013	100.013	99.996

Sediment Mapping Project
Grain Size
(all values are in percent distribution)

From 01-JUL-2004 to 01-SEP-2004

Analyte	SM031 10-AUG-2004 P268008	SM032 10-AUG-2004 P268009	SM033 10-AUG-2004 P268010	SM034 10-AUG-2004 P268011	SM035 10-AUG-2004 P268012
<0.500 microns, Phi 11	0.000	0.000	0.000	0.000	0.000
>0.5 to 1 microns, Phi 10	0.000	0.000	0.000	0.000	0.000
>1 to 1.5 microns, Phi 9.5	0.265	0.280	0.240	0.228	0.236
>1.5 to 2 microns, Phi 9	0.491	0.505	0.424	0.435	0.432
>2.0 to 2.4 microns	0.466	0.471	0.390	0.425	0.411
>2.4 to 2.9 microns, Phi 8.5	0.617	0.620	0.508	0.574	0.550
>2.9 to 3.4 microns	0.640	0.641	0.520	0.603	0.578
>3.4 to 3.9 microns, Phi 8	0.692	0.690	0.555	0.663	0.633
>3.9 to 4 microns	0.144	0.144	0.114	0.137	0.133
>4.0 to 4.3 microns	0.414	0.414	0.327	0.393	0.382
>4.3 to 4.5 microns	0.266	0.266	0.210	0.253	0.246
>4.5 to 5 microns	0.709	0.709	0.552	0.674	0.662
>5 to 5.5 microns	0.708	0.709	0.542	0.662	0.663
>5.5 to 5.7 microns	0.274	0.274	0.209	0.255	0.257
>5.7 to 5.9 microns, Phi 7.5	0.270	0.270	0.205	0.250	0.253
>5.9 to 7.8 microns, Phi 7	2.570	2.580	1.900	2.310	2.420
>7.8 to 8 microns	0.270	0.269	0.191	0.228	0.251
>8 to 8.5 microns	0.646	0.645	0.458	0.547	0.602
>8.5 to 8.9 microns	0.500	0.499	0.352	0.418	0.464
>8.9 to 9.1 microns	0.259	0.258	0.178	0.209	0.238
>9.1 to 9.5 microns	0.502	0.499	0.345	0.404	0.461
>9.5 to 9.8 microns	0.363	0.361	0.250	0.292	0.333
>9.8 to 10.1 microns	0.352	0.350	0.242	0.283	0.324
>10.1 to 10.6 microns	0.620	0.615	0.414	0.475	0.563
>10.6 to 11.1 microns	0.592	0.587	0.395	0.453	0.537
>11.1 to 11.3 microns	0.229	0.227	0.153	0.175	0.208
>11.3 to 11.7 microns, Phi 6.5	0.455	0.450	0.301	0.340	0.409
>11.7 to 14 microns	2.490	2.440	1.600	1.750	2.180
>14 to 14.8 microns	0.810	0.792	0.509	0.544	0.698
>14.8 to 15.6 microns	0.802	0.780	0.495	0.518	0.678
>15.6 to 16 microns	0.400	0.388	0.244	0.251	0.333
>16 to 20 microns	3.700	3.560	2.210	2.210	3.010
>20 to 23 microns, Phi 5.5	2.580	2.450	1.480	1.390	1.980
>23 to 27 microns	3.330	3.120	1.850	1.660	2.420
>27 to 31 microns, Phi 5	3.290	3.080	1.790	1.570	2.300
>31 to 32 microns	0.844	0.794	0.453	0.397	0.580
>32 to 35.6 microns	3.040	2.890	1.620	1.440	2.110
>35.6 to 37 microns, Phi 4.75	1.230	1.180	0.653	0.587	0.862
>37 to 39.6 microns	2.230	2.160	1.190	1.080	1.580
>39.6 to 43.6 microns	3.730	3.720	2.050	1.900	2.820
>43.6 to 44 microns, Phi 4.5	0.354	0.353	0.194	0.180	0.267
>44 to 45 microns	0.882	0.881	0.487	0.453	0.670
>45 to 46.4 microns	1.420	1.450	0.852	0.805	1.170
>46.4 to 53 microns, Phi 4.25	6.360	6.500	3.960	3.750	5.360
>53 to 62.5 microns, Phi 4	8.910	9.090	6.690	6.410	8.240
>62.5 to 64 microns	1.330	1.350	1.130	1.080	1.290
>64 to 71.7 microns	6.230	6.300	6.020	5.830	6.370

Sediment Mapping Project
Grain Size
(all values are in percent distribution)

From 01-JUL-2004 to 01-SEP-2004

Analyte	SM031 10-AUG-2004 P268008	SM032 10-AUG-2004 P268009	SM033 10-AUG-2004 P268010	SM034 10-AUG-2004 P268011	SM035 10-AUG-2004 P268012
>71.7 to 74 microns	1.700	1.720	1.830	1.780	1.820
>74 to 79.6 microns	3.730	3.780	4.440	4.360	4.200
>79.6 to 87.6 microns	4.500	4.610	6.280	6.220	5.510
>87.6 to 88 microns, Phi 3.5	0.214	0.219	0.299	0.296	0.262
>88 to 90 microns	0.914	0.954	1.520	1.520	1.230
>90 to 105 microns, Phi 3.25	5.570	5.900	10.400	10.400	8.070
>105 to 125 microns, Phi 3	4.580	5.070	10.600	10.500	7.560
>125 to 149 microns, Phi 2.75	3.180	3.710	8.120	8.020	5.640
>149 to 160 microns	0.924	1.120	2.290	2.280	1.630
>160 to 177 microns, Phi 2.5	1.120	1.370	2.670	2.670	1.940
>177 to 197 microns	0.903	1.110	1.870	1.910	1.420
>197 to 210 microns, Phi 2.25	0.441	0.526	0.780	0.814	0.620
>210 to 217 microns	0.210	0.249	0.347	0.366	0.282
>217 to 245 microns	0.693	0.786	1.010	1.080	0.837
>245 to 250 microns, Phi 2	0.104	0.113	0.131	0.142	0.112
>250 to 300 microns, Phi 1.75	0.829	0.831	0.862	0.944	0.755
>300 to 320 microns	0.253	0.209	0.180	0.200	0.163
>320 to 350 microns, Phi 1.5	0.348	0.276	0.234	0.260	0.213
>350 to 360 microns	0.107	0.072	0.057	0.063	0.052
>360 to 400 microns	0.402	0.263	0.206	0.228	0.188
>400 to 420 microns, Phi 1.25	0.193	0.104	0.079	0.086	0.071
>420 to 440 microns	0.184	0.099	0.075	0.082	0.068
>440 to 500 microns, Phi 1	0.540	0.241	0.187	0.198	0.164
>500 to 590 microns, Phi 0.75	0.739	0.062	0.048	0.051	0.042
>590 to 630 microns	0.172	0.000	0.000	0.000	0.000
>630 to 696 microns	0.186	0.000	0.000	0.000	0.000
>696 to 710 microns, Phi 0.5	0.000	0.000	0.000	0.000	0.000
>710 to 773 microns	0.000	0.000	0.000	0.000	0.000
>773 to 840 microns, Phi 0.25	0.000	0.000	0.000	0.000	0.000
>840 to 850 microns	0.000	0.000	0.000	0.000	0.000
>850 to 930 microns	0.000	0.000	0.000	0.000	0.000
>930 to 1000 microns, Phi 0	0.000	0.000	0.000	0.000	0.000
1000 to 1100 microns	0.000	0.000	0.000	0.000	0.000
>1100 to 1190 microns, Phi -0.25	0.000	0.000	0.000	0.000	0.000
>1190 to 1300 microns	0.000	0.000	0.000	0.000	0.000
>1300 to 1410 microns, Phi -0.5	0.000	0.000	0.000	0.000	0.000
>1410 to 1680 microns, Phi -0.75	0.000	0.000	0.000	0.000	0.000
>1680 to 2000 microns, Phi -1	0.000	0.000	0.000	0.000	0.000
Totals:	100.012	100.005	99.967	99.961	100.013

Sediment Mapping Project
Grain Size
(all values are in percent distribution)

From 01-JUL-2004 to 01-SEP-2004

Analyte	SM046 10-AUG-2004 P268013	SM002 11-AUG-2004 P268157	SM020 11-AUG-2004 P268158	SM021 11-AUG-2004 P268159	SM016 11-AUG-2004 P268201
<0.500 microns, Phi 11	0.000	0.000	0.000	0.000	0.000
>0.5 to 1 microns, Phi 10	0.000	0.000	0.000	0.000	0.000
>1 to 1.5 microns, Phi 9.5	0.282	0.444	0.462	0.273	0.456
>1.5 to 2 microns, Phi 9	0.513	0.595	0.597	0.495	0.572
>2.0 to 2.4 microns	0.485	0.555	0.545	0.466	0.515
>2.4 to 2.9 microns, Phi 8.5	0.647	0.731	0.707	0.618	0.665
>2.9 to 3.4 microns	0.678	0.756	0.720	0.644	0.677
>3.4 to 3.9 microns, Phi 8	0.740	0.815	0.765	0.698	0.718
>3.9 to 4 microns	0.156	0.169	0.158	0.146	0.148
>4.0 to 4.3 microns	0.448	0.486	0.452	0.419	0.424
>4.3 to 4.5 microns	0.289	0.313	0.291	0.270	0.273
>4.5 to 5 microns	0.777	0.831	0.765	0.722	0.717
>5 to 5.5 microns	0.780	0.827	0.757	0.722	0.709
>5.5 to 5.7 microns	0.302	0.320	0.292	0.279	0.273
>5.7 to 5.9 microns, Phi 7.5	0.298	0.315	0.287	0.275	0.268
>5.9 to 7.8 microns, Phi 7	2.880	2.980	2.680	2.630	2.510
>7.8 to 8 microns	0.302	0.310	0.277	0.276	0.258
>8 to 8.5 microns	0.723	0.742	0.662	0.659	0.618
>8.5 to 8.9 microns	0.559	0.573	0.511	0.510	0.476
>8.9 to 9.1 microns	0.289	0.296	0.263	0.264	0.245
>9.1 to 9.5 microns	0.560	0.572	0.509	0.512	0.474
>9.5 to 9.8 microns	0.405	0.414	0.368	0.370	0.342
>9.8 to 10.1 microns	0.393	0.402	0.357	0.359	0.332
>10.1 to 10.6 microns	0.691	0.703	0.622	0.631	0.577
>10.6 to 11.1 microns	0.659	0.671	0.593	0.602	0.550
>11.1 to 11.3 microns	0.255	0.260	0.230	0.233	0.213
>11.3 to 11.7 microns, Phi 6.5	0.504	0.514	0.454	0.462	0.421
>11.7 to 14 microns	2.720	2.790	2.470	2.520	2.280
>14 to 14.8 microns	0.879	0.905	0.800	0.819	0.739
>14.8 to 15.6 microns	0.858	0.892	0.791	0.809	0.731
>15.6 to 16 microns	0.424	0.444	0.395	0.403	0.365
>16 to 20 microns	3.860	4.090	3.650	3.720	3.370
>20 to 23 microns, Phi 5.5	2.590	2.840	2.560	2.590	2.370
>23 to 27 microns	3.200	3.650	3.350	3.350	3.110
>27 to 31 microns, Phi 5	3.050	3.620	3.400	3.340	3.190
>31 to 32 microns	0.762	0.930	0.889	0.865	0.844
>32 to 35.6 microns	2.700	3.340	3.240	3.130	3.100
>35.6 to 37 microns, Phi 4.75	1.070	1.350	1.330	1.280	1.300
>37 to 39.6 microns	1.940	2.440	2.420	2.320	2.370
>39.6 to 43.6 microns	3.220	4.090	4.120	3.960	4.150
>43.6 to 44 microns, Phi 4.5	0.306	0.388	0.391	0.376	0.394
>44 to 45 microns	0.762	0.966	0.975	0.938	0.983
>45 to 46.4 microns	1.250	1.560	1.580	1.530	1.640
>46.4 to 53 microns, Phi 4.25	5.620	6.950	7.040	6.890	7.330
>53 to 62.5 microns, Phi 4	8.220	9.560	9.660	9.740	10.300
>62.5 to 64 microns	1.260	1.400	1.420	1.460	1.510
>64 to 71.7 microns	6.100	6.430	6.550	6.810	6.990

Sediment Mapping Project
Grain Size
(all values are in percent distribution)

From 01-JUL-2004 to 01-SEP-2004

Analyte	SM046 10-AUG-2004 P268013	SM002 11-AUG-2004 P268157	SM020 11-AUG-2004 P268158	SM021 11-AUG-2004 P268159	SM016 11-AUG-2004 P268201
>71.7 to 74 microns	1.710	1.720	1.760	1.850	1.880
>74 to 79.6 microns	3.840	3.710	3.830	4.040	4.090
>79.6 to 87.6 microns	4.820	4.350	4.560	4.830	4.860
>87.6 to 88 microns, Phi 3.5	0.229	0.207	0.217	0.230	0.231
>88 to 90 microns	1.020	0.858	0.913	0.963	0.968
>90 to 105 microns, Phi 3.25	6.450	5.100	5.500	5.760	5.800
>105 to 125 microns, Phi 3	5.650	3.930	4.400	4.480	4.530
>125 to 149 microns, Phi 2.75	4.090	2.500	2.940	2.870	2.940
>149 to 160 microns	1.190	0.660	0.810	0.763	0.789
>160 to 177 microns, Phi 2.5	1.430	0.761	0.955	0.883	0.917
>177 to 197 microns	1.090	0.547	0.710	0.640	0.668
>197 to 210 microns, Phi 2.25	0.493	0.240	0.319	0.284	0.296
>210 to 217 microns	0.228	0.109	0.147	0.130	0.135
>217 to 245 microns	0.694	0.331	0.449	0.402	0.411
>245 to 250 microns, Phi 2	0.096	0.045	0.062	0.056	0.056
>250 to 300 microns, Phi 1.75	0.668	0.320	0.439	0.414	0.397
>300 to 320 microns	0.152	0.076	0.104	0.113	0.093
>320 to 350 microns, Phi 1.5	0.199	0.101	0.137	0.148	0.123
>350 to 360 microns	0.049	0.026	0.035	0.036	0.031
>360 to 400 microns	0.179	0.096	0.127	0.134	0.115
>400 to 420 microns, Phi 1.25	0.068	0.039	0.049	0.067	0.045
>420 to 440 microns	0.065	0.037	0.047	0.064	0.043
>440 to 500 microns, Phi 1	0.155	0.021	0.115	0.192	0.108
>500 to 590 microns, Phi 0.75	0.040	0.000	0.030	0.264	0.028
>590 to 630 microns	0.000	0.000	0.000	0.007	0.000
>630 to 696 microns	0.000	0.000	0.000	0.000	0.000
>696 to 710 microns, Phi 0.5	0.000	0.000	0.000	0.000	0.000
>710 to 773 microns	0.000	0.000	0.000	0.000	0.000
>773 to 840 microns, Phi 0.25	0.000	0.000	0.000	0.000	0.000
>840 to 850 microns	0.000	0.000	0.000	0.000	0.000
>850 to 930 microns	0.000	0.000	0.000	0.000	0.000
>930 to 1000 microns, Phi 0	0.000	0.000	0.000	0.000	0.000
1000 to 1100 microns	0.000	0.000	0.000	0.000	0.000
>1100 to 1190 microns, Phi -0.25	0.000	0.000	0.000	0.000	0.000
>1190 to 1300 microns	0.000	0.000	0.000	0.000	0.000
>1300 to 1410 microns, Phi -0.5	0.000	0.000	0.000	0.000	0.000
>1410 to 1680 microns, Phi -0.75	0.000	0.000	0.000	0.000	0.000
>1680 to 2000 microns, Phi -1	0.000	0.000	0.000	0.000	0.000
Totals:	100.011	100.013	100.010	100.005	100.051

Sediment Mapping Project
Grain Size
(all values are in percent distribution)

From 01-JUL-2004 to 01-SEP-2004

Analyte	SM024 11-AUG-2004 P268160	SM025 11-AUG-2004 P268161	SM026 11-AUG-2004 P268162	SM027 11-AUG-2004 P268163	SM028 11-AUG-2004 P268164
<0.500 microns, Phi 11	0.000	0.000	0.000	0.000	0.000
>0.5 to 1 microns, Phi 10	0.000	0.000	0.000	0.000	0.099
>1 to 1.5 microns, Phi 9.5	0.284	0.466	0.404	0.451	0.471
>1.5 to 2 microns, Phi 9	0.515	0.606	0.510	0.566	0.585
>2.0 to 2.4 microns	0.484	0.555	0.460	0.508	0.522
>2.4 to 2.9 microns, Phi 8.5	0.641	0.723	0.594	0.653	0.669
>2.9 to 3.4 microns	0.663	0.741	0.604	0.662	0.676
>3.4 to 3.9 microns, Phi 8	0.716	0.791	0.640	0.699	0.711
>3.9 to 4 microns	0.148	0.164	0.132	0.144	0.147
>4.0 to 4.3 microns	0.425	0.471	0.380	0.414	0.421
>4.3 to 4.5 microns	0.274	0.303	0.244	0.266	0.271
>4.5 to 5 microns	0.726	0.803	0.643	0.700	0.712
>5 to 5.5 microns	0.718	0.800	0.638	0.694	0.707
>5.5 to 5.7 microns	0.277	0.309	0.246	0.268	0.273
>5.7 to 5.9 microns, Phi 7.5	0.272	0.304	0.242	0.263	0.268
>5.9 to 7.8 microns, Phi 7	2.560	2.890	2.290	2.480	2.540
>7.8 to 8 microns	0.263	0.301	0.239	0.259	0.266
>8 to 8.5 microns	0.631	0.720	0.571	0.620	0.636
>8.5 to 8.9 microns	0.486	0.556	0.442	0.479	0.492
>8.9 to 9.1 microns	0.250	0.287	0.229	0.248	0.255
>9.1 to 9.5 microns	0.484	0.556	0.443	0.480	0.494
>9.5 to 9.8 microns	0.350	0.402	0.320	0.347	0.357
>9.8 to 10.1 microns	0.340	0.390	0.311	0.337	0.347
>10.1 to 10.6 microns	0.590	0.684	0.547	0.593	0.611
>10.6 to 11.1 microns	0.563	0.653	0.521	0.565	0.583
>11.1 to 11.3 microns	0.218	0.253	0.202	0.219	0.226
>11.3 to 11.7 microns, Phi 6.5	0.431	0.500	0.401	0.435	0.449
>11.7 to 14 microns	2.340	2.710	2.210	2.390	2.460
>14 to 14.8 microns	0.758	0.879	0.722	0.780	0.806
>14.8 to 15.6 microns	0.750	0.865	0.719	0.775	0.800
>15.6 to 16 microns	0.375	0.430	0.361	0.388	0.401
>16 to 20 microns	3.470	3.950	3.360	3.620	3.730
>20 to 23 microns, Phi 5.5	2.440	2.720	2.400	2.570	2.640
>23 to 27 microns	3.220	3.450	3.180	3.380	3.450
>27 to 31 microns, Phi 5	3.290	3.380	3.230	3.410	3.470
>31 to 32 microns	0.864	0.859	0.839	0.884	0.902
>32 to 35.6 microns	3.140	3.080	3.030	3.180	3.280
>35.6 to 37 microns, Phi 4.75	1.280	1.240	1.230	1.290	1.340
>37 to 39.6 microns	2.330	2.240	2.230	2.340	2.440
>39.6 to 43.6 microns	3.950	3.750	3.780	3.950	4.170
>43.6 to 44 microns, Phi 4.5	0.375	0.356	0.359	0.375	0.395
>44 to 45 microns	0.934	0.886	0.895	0.934	0.985
>45 to 46.4 microns	1.520	1.430	1.470	1.520	1.600
>46.4 to 53 microns, Phi 4.25	6.790	6.410	6.580	6.820	7.140
>53 to 62.5 microns, Phi 4	9.480	9.020	9.240	9.540	9.800
>62.5 to 64 microns	1.400	1.350	1.370	1.410	1.430
>64 to 71.7 microns	6.520	6.340	6.320	6.540	6.620

Sediment Mapping Project
Grain Size
(all values are in percent distribution)

From 01-JUL-2004 to 01-SEP-2004

Analyte	SM024 11-AUG-2004 P268160	SM025 11-AUG-2004 P268161	SM026 11-AUG-2004 P268162	SM027 11-AUG-2004 P268163	SM028 11-AUG-2004 P268164
>71.7 to 74 microns	1.760	1.730	1.700	1.760	1.780
>74 to 79.6 microns	3.840	3.820	3.690	3.840	3.870
>79.6 to 87.6 microns	4.570	4.650	4.370	4.580	4.590
>87.6 to 88 microns, Phi 3.5	0.217	0.221	0.208	0.218	0.219
>88 to 90 microns	0.917	0.953	0.875	0.926	0.919
>90 to 105 microns, Phi 3.25	5.530	5.840	5.260	5.620	5.520
>105 to 125 microns, Phi 3	4.450	4.800	4.220	4.610	4.360
>125 to 149 microns, Phi 2.75	3.020	3.240	2.880	3.200	2.860
>149 to 160 microns	0.862	0.881	0.825	0.920	0.776
>160 to 177 microns, Phi 2.5	1.040	1.030	0.999	1.110	0.905
>177 to 197 microns	0.821	0.733	0.800	0.864	0.663
>197 to 210 microns, Phi 2.25	0.394	0.314	0.390	0.403	0.294
>210 to 217 microns	0.187	0.142	0.186	0.189	0.135
>217 to 245 microns	0.610	0.417	0.615	0.592	0.410
>245 to 250 microns, Phi 2	0.090	0.055	0.093	0.084	0.056
>250 to 300 microns, Phi 1.75	0.721	0.363	0.757	0.619	0.398
>300 to 320 microns	0.221	0.074	0.245	0.156	0.094
>320 to 350 microns, Phi 1.5	0.304	0.096	0.343	0.207	0.124
>350 to 360 microns	0.094	0.022	0.111	0.054	0.032
>360 to 400 microns	0.354	0.072	0.425	0.199	0.117
>400 to 420 microns, Phi 1.25	0.171	0.000	0.220	0.079	0.047
>420 to 440 microns	0.163	0.000	0.210	0.076	0.044
>440 to 500 microns, Phi 1	0.474	0.000	0.673	0.186	0.111
>500 to 590 microns, Phi 0.75	0.641	0.000	1.060	0.048	0.029
>590 to 630 microns	0.016	0.000	0.499	0.000	0.000
>630 to 696 microns	0.000	0.000	0.772	0.000	0.000
>696 to 710 microns, Phi 0.5	0.000	0.000	0.159	0.000	0.000
>710 to 773 microns	0.000	0.000	0.679	0.000	0.000
>773 to 840 microns, Phi 0.25	0.000	0.000	0.388	0.000	0.000
>840 to 850 microns	0.000	0.000	0.053	0.000	0.000
>850 to 930 microns	0.000	0.000	0.313	0.000	0.000
>930 to 1000 microns, Phi 0	0.000	0.000	0.179	0.000	0.000
1000 to 1100 microns	0.000	0.000	0.048	0.000	0.000
>1100 to 1190 microns, Phi -0.25	0.000	0.000	0.000	0.000	0.000
>1190 to 1300 microns	0.000	0.000	0.000	0.000	0.000
>1300 to 1410 microns, Phi -0.5	0.000	0.000	0.000	0.000	0.000
>1410 to 1680 microns, Phi -0.75	0.000	0.000	0.000	0.000	0.000
>1680 to 2000 microns, Phi -1	0.000	0.000	0.000	0.000	0.000
Totals:	100.002	100.026	100.023	99.986	100.000

Sediment Mapping Project
Grain Size
(all values are in percent distribution)

From 01-JUL-2004 to 01-SEP-2004

Analyte	SM028-DUP	SM029	SM001	SM007	SM008
		11-AUG-2004	16-AUG-2004	16-AUG-2004	16-AUG-2004
		P268166	P268543	P268544	P268545
<0.500 microns, Phi 11	NS*	0.000	0.000	0.000	0.000
>0.5 to 1 microns, Phi 10	NS*	0.000	0.059	0.000	0.000
>1 to 1.5 microns, Phi 9.5	NS*	0.413	0.583	0.273	0.451
>1.5 to 2 microns, Phi 9	NS*	0.527	0.858	0.491	0.583
>2.0 to 2.4 microns	NS*	0.478	0.840	0.459	0.535
>2.4 to 2.9 microns, Phi 8.5	NS*	0.620	1.130	0.605	0.697
>2.9 to 3.4 microns	NS*	0.634	1.180	0.624	0.714
>3.4 to 3.9 microns, Phi 8	NS*	0.675	1.290	0.671	0.764
>3.9 to 4 microns	NS*	0.140	0.267	0.138	0.157
>4.0 to 4.3 microns	NS*	0.402	0.766	0.395	0.452
>4.3 to 4.5 microns	NS*	0.258	0.494	0.254	0.290
>4.5 to 5 microns	NS*	0.683	1.320	0.670	0.767
>5 to 5.5 microns	NS*	0.680	1.300	0.657	0.756
>5.5 to 5.7 microns	NS*	0.263	0.502	0.253	0.291
>5.7 to 5.9 microns, Phi 7.5	NS*	0.259	0.493	0.248	0.286
>5.9 to 7.8 microns, Phi 7	NS*	2.460	4.590	2.280	2.660
>7.8 to 8 microns	NS*	0.257	0.463	0.228	0.269
>8 to 8.5 microns	NS*	0.615	1.110	0.546	0.644
>8.5 to 8.9 microns	NS*	0.475	0.851	0.419	0.495
>8.9 to 9.1 microns	NS*	0.246	0.429	0.211	0.251
>9.1 to 9.5 microns	NS*	0.477	0.831	0.408	0.486
>9.5 to 9.8 microns	NS*	0.345	0.601	0.295	0.352
>9.8 to 10.1 microns	NS*	0.335	0.583	0.286	0.341
>10.1 to 10.6 microns	NS*	0.589	0.992	0.485	0.584
>10.6 to 11.1 microns	NS*	0.562	0.946	0.463	0.557
>11.1 to 11.3 microns	NS*	0.218	0.367	0.179	0.216
>11.3 to 11.7 microns, Phi 6.5	NS*	0.432	0.713	0.350	0.423
>11.7 to 14 microns	NS*	2.370	3.700	1.840	2.230
>14 to 14.8 microns	NS*	0.772	1.170	0.580	0.711
>14.8 to 15.6 microns	NS*	0.763	1.120	0.561	0.690
>15.6 to 16 microns	NS*	0.381	0.542	0.274	0.339
>16 to 20 microns	NS*	3.530	4.820	2.460	3.060
>20 to 23 microns, Phi 5.5	NS*	2.480	3.080	1.620	2.030
>23 to 27 microns	NS*	3.200	3.690	2.000	2.530
>27 to 31 microns, Phi 5	NS*	3.170	3.450	1.930	2.470
>31 to 32 microns	NS*	0.808	0.858	0.490	0.633
>32 to 35.6 microns	NS*	2.890	3.040	1.760	2.300
>35.6 to 37 microns, Phi 4.75	NS*	1.160	1.200	0.711	0.939
>37 to 39.6 microns	NS*	2.100	2.170	1.290	1.720
>39.6 to 43.6 microns	NS*	3.520	3.520	2.220	2.980
>43.6 to 44 microns, Phi 4.5	NS*	0.334	0.334	0.210	0.283
>44 to 45 microns	NS*	0.832	0.830	0.526	0.707
>45 to 46.4 microns	NS*	1.370	1.280	0.898	1.200
>46.4 to 53 microns, Phi 4.25	NS*	6.190	5.670	4.130	5.450
>53 to 62.5 microns, Phi 4	NS*	9.090	7.500	6.610	8.180
>62.5 to 64 microns	NS*	1.400	1.090	1.080	1.270
>64 to 71.7 microns	NS*	6.690	5.010	5.610	6.270

Sediment Mapping Project
Grain Size
(all values are in percent distribution)

From 01-JUL-2004 to 01-SEP-2004

Analyte	SM028-DUP	SM029	SM001	SM007	SM008
		11-AUG-2004	16-AUG-2004	16-AUG-2004	16-AUG-2004
		P268166	P268543	P268544	P268545
>71.7 to 74 microns	NS*	1.860	1.350	1.670	1.780
>74 to 79.6 microns	NS*	4.150	2.950	3.990	4.090
>79.6 to 87.6 microns	NS*	5.150	3.540	5.530	5.320
>87.6 to 88 microns, Phi 3.5	NS*	0.245	0.169	0.263	0.253
>88 to 90 microns	NS*	1.080	0.720	1.320	1.180
>90 to 105 microns, Phi 3.25	NS*	6.680	4.380	9.010	7.610
>105 to 125 microns, Phi 3	NS*	5.660	3.550	9.250	6.970
>125 to 149 microns, Phi 2.75	NS*	3.920	2.370	7.330	5.100
>149 to 160 microns	NS*	1.090	0.646	2.150	1.450
>160 to 177 microns, Phi 2.5	NS*	1.270	0.755	2.560	1.720
>177 to 197 microns	NS*	0.922	0.552	1.840	1.250
>197 to 210 microns, Phi 2.25	NS*	0.396	0.244	0.779	0.546
>210 to 217 microns	NS*	0.179	0.112	0.349	0.248
>217 to 245 microns	NS*	0.524	0.339	1.010	0.738
>245 to 250 microns, Phi 2	NS*	0.069	0.047	0.131	0.099
>250 to 300 microns, Phi 1.75	NS*	0.447	0.327	0.856	0.676
>300 to 320 microns	NS*	0.087	0.077	0.175	0.151
>320 to 350 microns, Phi 1.5	NS*	0.111	0.101	0.228	0.199
>350 to 360 microns	NS*	0.024	0.026	0.055	0.050
>360 to 400 microns	NS*	0.078	0.089	0.202	0.184
>400 to 420 microns, Phi 1.25	NS*	0.000	0.020	0.080	0.074
>420 to 440 microns	NS*	0.000	0.019	0.077	0.071
>440 to 500 microns, Phi 1	NS*	0.000	0.011	0.208	0.185
>500 to 590 microns, Phi 0.75	NS*	0.000	0.000	0.055	0.048
>590 to 630 microns	NS*	0.000	0.000	0.143	0.000
>630 to 696 microns	NS*	0.000	0.000	0.251	0.000
>696 to 710 microns, Phi 0.5	NS*	0.000	0.000	0.062	0.000
>710 to 773 microns	NS*	0.000	0.000	0.264	0.000
>773 to 840 microns, Phi 0.25	NS*	0.000	0.000	0.331	0.000
>840 to 850 microns	NS*	0.000	0.000	0.048	0.000
>850 to 930 microns	NS*	0.000	0.000	0.378	0.000
>930 to 1000 microns, Phi 0	NS*	0.000	0.000	0.317	0.000
1000 to 1100 microns	NS*	0.000	0.000	0.269	0.000
>1100 to 1190 microns, Phi -0.25	NS*	0.000	0.000	0.145	0.000
>1190 to 1300 microns	NS*	0.000	0.000	0.000	0.000
>1300 to 1410 microns, Phi -0.5	NS*	0.000	0.000	0.000	0.000
>1410 to 1680 microns, Phi -0.75	NS*	0.000	0.000	0.000	0.000
>1680 to 2000 microns, Phi -1	NS*	0.000	0.000	0.000	0.000
Totals:	NS*	100.035	100.026	100.014	100.005

*=not sampled

Sediment Mapping Project
Grain Size
(all values are in percent distribution)

From 01-JUL-2004 to 01-SEP-2004

Analyte	SM003 16-AUG-2004 P268591	SM004 16-AUG-2004 P268590	SM006 16-AUG-2004 P268589	SM009 16-AUG-2004 P268546	SM010 16-AUG-2004 P268547
<0.500 microns, Phi 11	0.000	0.000	0.000	0.000	0.000
>0.5 to 1 microns, Phi 10	0.000	0.000	0.104	0.000	0.000
>1 to 1.5 microns, Phi 9.5	0.411	0.412	0.588	0.419	0.429
>1.5 to 2 microns, Phi 9	0.539	0.552	0.866	0.547	0.552
>2.0 to 2.4 microns	0.499	0.515	0.847	0.502	0.505
>2.4 to 2.9 microns, Phi 8.5	0.653	0.676	1.130	0.652	0.655
>2.9 to 3.4 microns	0.672	0.696	1.180	0.664	0.668
>3.4 to 3.9 microns, Phi 8	0.721	0.747	1.280	0.706	0.711
>3.9 to 4 microns	0.149	0.155	0.264	0.144	0.145
>4.0 to 4.3 microns	0.427	0.444	0.757	0.415	0.417
>4.3 to 4.5 microns	0.275	0.285	0.487	0.266	0.268
>4.5 to 5 microns	0.727	0.756	1.290	0.699	0.704
>5 to 5.5 microns	0.718	0.749	1.270	0.686	0.689
>5.5 to 5.7 microns	0.277	0.289	0.490	0.264	0.265
>5.7 to 5.9 microns, Phi 7.5	0.272	0.284	0.481	0.259	0.260
>5.9 to 7.8 microns, Phi 7	2.540	2.670	4.450	2.390	2.390
>7.8 to 8 microns	0.258	0.275	0.444	0.242	0.239
>8 to 8.5 microns	0.617	0.659	1.060	0.579	0.573
>8.5 to 8.9 microns	0.474	0.508	0.815	0.445	0.439
>8.9 to 9.1 microns	0.241	0.260	0.409	0.226	0.221
>9.1 to 9.5 microns	0.467	0.504	0.792	0.438	0.429
>9.5 to 9.8 microns	0.337	0.364	0.572	0.316	0.310
>9.8 to 10.1 microns	0.327	0.354	0.555	0.307	0.301
>10.1 to 10.6 microns	0.562	0.614	0.940	0.526	0.511
>10.6 to 11.1 microns	0.536	0.586	0.897	0.502	0.487
>11.1 to 11.3 microns	0.208	0.227	0.347	0.195	0.189
>11.3 to 11.7 microns, Phi 6.5	0.407	0.447	0.675	0.382	0.369
>11.7 to 14 microns	2.160	2.400	3.480	2.040	1.940
>14 to 14.8 microns	0.686	0.774	1.090	0.651	0.613
>14.8 to 15.6 microns	0.667	0.758	1.040	0.636	0.592
>15.6 to 16 microns	0.328	0.375	0.503	0.314	0.290
>16 to 20 microns	2.960	3.430	4.440	2.860	2.600
>20 to 23 microns, Phi 5.5	1.970	2.330	2.800	1.940	1.710
>23 to 27 microns	2.450	2.950	3.320	2.470	2.110
>27 to 31 microns, Phi 5	2.380	2.880	3.060	2.450	2.030
>31 to 32 microns	0.609	0.734	0.750	0.631	0.511
>32 to 35.6 microns	2.200	2.630	2.650	2.290	1.830
>35.6 to 37 microns, Phi 4.75	0.893	1.060	1.040	0.936	0.736
>37 to 39.6 microns	1.620	1.930	1.870	1.710	1.340
>39.6 to 43.6 microns	2.770	3.260	3.080	2.970	2.290
>43.6 to 44 microns, Phi 4.5	0.263	0.310	0.293	0.282	0.217
>44 to 45 microns	0.656	0.772	0.729	0.706	0.544
>45 to 46.4 microns	1.090	1.270	1.180	1.210	0.930
>46.4 to 53 microns, Phi 4.25	4.940	5.750	5.300	5.500	4.270
>53 to 62.5 microns, Phi 4	7.400	8.350	7.620	8.370	6.800
>62.5 to 64 microns	1.160	1.270	1.160	1.310	1.100
>64 to 71.7 microns	5.840	6.150	5.530	6.460	5.700

Sediment Mapping Project
Grain Size
(all values are in percent distribution)

From 01-JUL-2004 to 01-SEP-2004

Analyte	SM003 16-AUG-2004 P268591	SM004 16-AUG-2004 P268590	SM006 16-AUG-2004 P268589	SM009 16-AUG-2004 P268546	SM010 16-AUG-2004 P268547
>71.7 to 74 microns	1.690	1.720	1.530	1.840	1.690
>74 to 79.6 microns	3.960	3.910	3.420	4.220	4.030
>79.6 to 87.6 microns	5.290	4.970	4.240	5.470	5.550
>87.6 to 88 microns, Phi 3.5	0.252	0.237	0.202	0.260	0.264
>88 to 90 microns	1.220	1.080	0.882	1.210	1.320
>90 to 105 microns, Phi 3.25	8.080	6.960	5.450	7.790	8.990
>105 to 125 microns, Phi 3	7.900	6.340	4.450	7.110	9.180
>125 to 149 microns, Phi 2.75	6.100	4.660	2.890	5.210	7.280
>149 to 160 microns	1.780	1.340	0.743	1.500	2.150
>160 to 177 microns, Phi 2.5	2.130	1.580	0.836	1.780	2.570
>177 to 197 microns	1.560	1.160	0.560	1.330	1.870
>197 to 210 microns, Phi 2.25	0.671	0.500	0.228	0.589	0.801
>210 to 217 microns	0.303	0.226	0.100	0.270	0.361
>217 to 245 microns	0.893	0.665	0.285	0.819	1.050
>245 to 250 microns, Phi 2	0.118	0.088	0.036	0.112	0.137
>250 to 300 microns, Phi 1.75	0.783	0.580	0.226	0.786	0.900
>300 to 320 microns	0.163	0.118	0.002	0.185	0.181
>320 to 350 microns, Phi 1.5	0.211	0.153	0.000	0.245	0.234
>350 to 360 microns	0.050	0.035	0.000	0.063	0.054
>360 to 400 microns	0.181	0.127	0.000	0.232	0.194
>400 to 420 microns, Phi 1.25	0.067	0.045	0.000	0.095	0.070
>420 to 440 microns	0.064	0.043	0.000	0.090	0.066
>440 to 500 microns, Phi 1	0.153	0.024	0.000	0.234	0.153
>500 to 590 microns, Phi 0.75	0.039	0.000	0.000	0.061	0.039
>590 to 630 microns	0.000	0.000	0.000	0.000	0.000
>630 to 696 microns	0.000	0.000	0.000	0.000	0.000
>696 to 710 microns, Phi 0.5	0.000	0.000	0.000	0.000	0.000
>710 to 773 microns	0.000	0.000	0.000	0.000	0.000
>773 to 840 microns, Phi 0.25	0.000	0.000	0.000	0.000	0.000
>840 to 850 microns	0.000	0.000	0.000	0.000	0.000
>850 to 930 microns	0.000	0.000	0.000	0.000	0.000
>930 to 1000 microns, Phi 0	0.000	0.000	0.000	0.000	0.000
1000 to 1100 microns	0.000	0.000	0.000	0.000	0.000
>1100 to 1190 microns, Phi -0.25	0.000	0.000	0.000	0.000	0.000
>1190 to 1300 microns	0.000	0.000	0.000	0.000	0.000
>1300 to 1410 microns, Phi -0.5	0.000	0.000	0.000	0.000	0.000
>1410 to 1680 microns, Phi -0.75	0.000	0.000	0.000	0.000	0.000
>1680 to 2000 microns, Phi -1	0.000	0.000	0.000	0.000	0.000
Totals:	100.014	99.972	100.005	100.008	100.013

Sediment Mapping Project
Grain Size
(all values are in percent distribution)

From 01-JUL-2004 to 01-SEP-2004

Analyte	SM011 16-AUG-2004 P268548	SM012 16-AUG-2004 P268549	SM013 16-AUG-2004 P268550	SM014 16-AUG-2004 P268551	SM015 16-AUG-2004 P268552
<0.500 microns, Phi 11	0.000	0.000	0.000	0.000	0.000
>0.5 to 1 microns, Phi 10	0.000	0.000	0.000	0.000	0.100
>1 to 1.5 microns, Phi 9.5	0.339	0.434	0.401	0.253	0.505
>1.5 to 2 microns, Phi 9	0.508	0.554	0.530	0.464	0.670
>2.0 to 2.4 microns	0.471	0.503	0.491	0.439	0.621
>2.4 to 2.9 microns, Phi 8.5	0.618	0.649	0.643	0.581	0.812
>2.9 to 3.4 microns	0.637	0.658	0.660	0.602	0.832
>3.4 to 3.9 microns, Phi 8	0.684	0.696	0.707	0.650	0.892
>3.9 to 4 microns	0.141	0.142	0.145	0.134	0.184
>4.0 to 4.3 microns	0.405	0.407	0.417	0.384	0.528
>4.3 to 4.5 microns	0.260	0.261	0.268	0.247	0.340
>4.5 to 5 microns	0.688	0.683	0.705	0.653	0.898
>5 to 5.5 microns	0.678	0.668	0.692	0.642	0.890
>5.5 to 5.7 microns	0.261	0.257	0.266	0.247	0.343
>5.7 to 5.9 microns, Phi 7.5	0.256	0.252	0.261	0.243	0.337
>5.9 to 7.8 microns, Phi 7	2.380	2.310	2.410	2.250	3.160
>7.8 to 8 microns	0.239	0.232	0.243	0.227	0.324
>8 to 8.5 microns	0.573	0.555	0.581	0.543	0.777
>8.5 to 8.9 microns	0.440	0.427	0.446	0.417	0.598
>8.9 to 9.1 microns	0.222	0.216	0.226	0.211	0.306
>9.1 to 9.5 microns	0.430	0.418	0.437	0.409	0.593
>9.5 to 9.8 microns	0.311	0.302	0.316	0.295	0.429
>9.8 to 10.1 microns	0.302	0.293	0.307	0.287	0.416
>10.1 to 10.6 microns	0.513	0.500	0.522	0.489	0.721
>10.6 to 11.1 microns	0.489	0.477	0.498	0.467	0.688
>11.1 to 11.3 microns	0.190	0.185	0.193	0.181	0.267
>11.3 to 11.7 microns, Phi 6.5	0.371	0.363	0.378	0.354	0.525
>11.7 to 14 microns	1.940	1.920	2.000	1.870	2.810
>14 to 14.8 microns	0.616	0.613	0.634	0.595	0.904
>14.8 to 15.6 microns	0.596	0.598	0.617	0.578	0.885
>15.6 to 16 microns	0.292	0.295	0.304	0.284	0.438
>16 to 20 microns	2.620	2.680	2.740	2.570	4.000
>20 to 23 microns, Phi 5.5	1.720	1.810	1.830	1.720	2.720
>23 to 27 microns	2.120	2.290	2.310	2.150	3.440
>27 to 31 microns, Phi 5	2.060	2.260	2.270	2.100	3.370
>31 to 32 microns	0.525	0.581	0.584	0.536	0.857
>32 to 35.6 microns	1.900	2.100	2.110	1.930	3.060
>35.6 to 37 microns, Phi 4.75	0.775	0.856	0.858	0.780	1.220
>37 to 39.6 microns	1.410	1.560	1.560	1.420	2.210
>39.6 to 43.6 microns	2.450	2.710	2.680	2.440	3.640
>43.6 to 44 microns, Phi 4.5	0.233	0.257	0.255	0.232	0.345
>44 to 45 microns	0.583	0.644	0.636	0.580	0.859
>45 to 46.4 microns	0.994	1.100	1.080	0.992	1.370
>46.4 to 53 microns, Phi 4.25	4.540	5.050	4.920	4.560	6.100
>53 to 62.5 microns, Phi 4	7.040	7.820	7.610	7.230	8.450
>62.5 to 64 microns	1.120	1.240	1.210	1.170	1.250
>64 to 71.7 microns	5.710	6.210	6.130	5.990	5.880

Sediment Mapping Project
Grain Size
(all values are in percent distribution)

From 01-JUL-2004 to 01-SEP-2004

Analyte	SM011 16-AUG-2004 P268548	SM012 16-AUG-2004 P268549	SM013 16-AUG-2004 P268550	SM014 16-AUG-2004 P268551	SM015 16-AUG-2004 P268552
>71.7 to 74 microns	1.670	1.790	1.780	1.760	1.600
>74 to 79.6 microns	3.930	4.150	4.160	4.170	3.540
>79.6 to 87.6 microns	5.330	5.480	5.560	5.670	4.320
>87.6 to 88 microns, Phi 3.5	0.254	0.261	0.264	0.270	0.205
>88 to 90 microns	1.240	1.240	1.270	1.330	0.896
>90 to 105 microns, Phi 3.25	8.390	8.150	8.410	8.940	5.540
>105 to 125 microns, Phi 3	8.420	7.770	8.100	8.960	4.720
>125 to 149 microns, Phi 2.75	6.690	5.910	6.140	7.030	3.320
>149 to 160 microns	2.020	1.740	1.760	2.080	0.946
>160 to 177 microns, Phi 2.5	2.440	2.080	2.080	2.480	1.130
>177 to 197 microns	1.850	1.560	1.480	1.810	0.846
>197 to 210 microns, Phi 2.25	0.818	0.685	0.621	0.772	0.379
>210 to 217 microns	0.375	0.313	0.277	0.348	0.174
>217 to 245 microns	1.130	0.937	0.796	1.010	0.530
>245 to 250 microns, Phi 2	0.152	0.126	0.102	0.132	0.073
>250 to 300 microns, Phi 1.75	1.050	0.867	0.653	0.861	0.510
>300 to 320 microns	0.236	0.195	0.128	0.173	0.118
>320 to 350 microns, Phi 1.5	0.310	0.256	0.165	0.224	0.155
>350 to 360 microns	0.079	0.065	0.039	0.053	0.039
>360 to 400 microns	0.287	0.238	0.141	0.191	0.141
>400 to 420 microns, Phi 1.25	0.115	0.097	0.055	0.072	0.055
>420 to 440 microns	0.110	0.092	0.052	0.069	0.052
>440 to 500 microns, Phi 1	0.286	0.245	0.138	0.175	0.126
>500 to 590 microns, Phi 0.75	0.274	0.064	0.036	0.045	0.032
>590 to 630 microns	0.112	0.000	0.000	0.000	0.000
>630 to 696 microns	0.176	0.059	0.000	0.000	0.000
>696 to 710 microns, Phi 0.5	0.038	0.046	0.000	0.000	0.000
>710 to 773 microns	0.163	0.196	0.000	0.000	0.000
>773 to 840 microns, Phi 0.25	0.170	0.202	0.192	0.000	0.000
>840 to 850 microns	0.024	0.029	0.029	0.000	0.000
>850 to 930 microns	0.144	0.113	0.235	0.000	0.000
>930 to 1000 microns, Phi 0	0.083	0.000	0.201	0.000	0.000
1000 to 1100 microns	0.022	0.000	0.054	0.000	0.000
>1100 to 1190 microns, Phi -0.25	0.000	0.000	0.000	0.000	0.000
>1190 to 1300 microns	0.000	0.000	0.000	0.000	0.000
>1300 to 1410 microns, Phi -0.5	0.000	0.000	0.000	0.000	0.000
>1410 to 1680 microns, Phi -0.75	0.000	0.000	0.000	0.000	0.000
>1680 to 2000 microns, Phi -1	0.000	0.000	0.000	0.000	0.000
Totals:	100.038	99.992	99.999	100.021	100.011

Sediment Mapping Project
Grain Size
(all values are in percent distribution)

From 01-JUL-2004 to 01-SEP-2004

Analyte	SM005 17-AUG-2004 P269028
<0.500 microns, Phi 11	0.000
>0.5 to 1 microns, Phi 10	0.000
>1 to 1.5 microns, Phi 9.5	0.000
>1.5 to 2 microns, Phi 9	0.298
>2.0 to 2.4 microns	0.278
>2.4 to 2.9 microns, Phi 8.5	0.373
>2.9 to 3.4 microns	0.395
>3.4 to 3.9 microns, Phi 8	0.432
>3.9 to 4 microns	0.092
>4.0 to 4.3 microns	0.266
>4.3 to 4.5 microns	0.172
>4.5 to 5 microns	0.465
>5 to 5.5 microns	0.468
>5.5 to 5.7 microns	0.181
>5.7 to 5.9 microns, Phi 7.5	0.179
>5.9 to 7.8 microns, Phi 7	1.730
>7.8 to 8 microns	0.178
>8 to 8.5 microns	0.426
>8.5 to 8.9 microns	0.327
>8.9 to 9.1 microns	0.166
>9.1 to 9.5 microns	0.321
>9.5 to 9.8 microns	0.232
>9.8 to 10.1 microns	0.225
>10.1 to 10.6 microns	0.385
>10.6 to 11.1 microns	0.367
>11.1 to 11.3 microns	0.142
>11.3 to 11.7 microns, Phi 6.5	0.276
>11.7 to 14 microns	1.420
>14 to 14.8 microns	0.440
>14.8 to 15.6 microns	0.411
>15.6 to 16 microns	0.195
>16 to 20 microns	1.670
>20 to 23 microns, Phi 5.5	0.965
>23 to 27 microns	1.020
>27 to 31 microns, Phi 5	0.829
>31 to 32 microns	0.185
>32 to 35.6 microns	0.625
>35.6 to 37 microns, Phi 4.75	0.228
>37 to 39.6 microns	0.408
>39.6 to 43.6 microns	0.634
>43.6 to 44 microns, Phi 4.5	0.060
>44 to 45 microns	0.150
>45 to 46.4 microns	0.241
>46.4 to 53 microns, Phi 4.25	1.110
>53 to 62.5 microns, Phi 4	1.860
>62.5 to 64 microns	0.320
>64 to 71.7 microns	1.850

Sediment Mapping Project
Grain Size
(all values are in percent distribution)

From 01-JUL-2004 to 01-SEP-2004

Analyte	SM005 17-AUG-2004 P269028
>71.7 to 74 microns	0.591
>74 to 79.6 microns	1.590
>79.6 to 87.6 microns	2.550
>87.6 to 88 microns, Phi 3.5	0.121
>88 to 90 microns	0.776
>90 to 105 microns, Phi 3.25	6.320
>105 to 125 microns, Phi 3	10.100
>125 to 149 microns, Phi 2.75	12.500
>149 to 160 microns	5.130
>160 to 177 microns, Phi 2.5	7.030
>177 to 197 microns	6.440
>197 to 210 microns, Phi 2.25	3.170
>210 to 217 microns	1.520
>217 to 245 microns	4.780
>245 to 250 microns, Phi 2	0.682
>250 to 300 microns, Phi 1.75	4.890
>300 to 320 microns	1.160
>320 to 350 microns, Phi 1.5	1.540
>350 to 360 microns	0.395
>360 to 400 microns	1.450
>400 to 420 microns, Phi 1.25	0.588
>420 to 440 microns	0.560
>440 to 500 microns, Phi 1	1.470
>500 to 590 microns, Phi 0.75	1.210
>590 to 630 microns	0.240
>630 to 696 microns	0.259
>696 to 710 microns, Phi 0.5	0.000
>710 to 773 microns	0.000
>773 to 840 microns, Phi 0.25	0.000
>840 to 850 microns	0.000
>850 to 930 microns	0.000
>930 to 1000 microns, Phi 0	0.000
1000 to 1100 microns	0.000
>1100 to 1190 microns, Phi -0.25	0.000
>1190 to 1300 microns	0.000
>1300 to 1410 microns, Phi -0.5	0.000
>1410 to 1680 microns, Phi -0.75	0.000
>1680 to 2000 microns, Phi -1	0.000
Totals:	100.057

Sediment Mapping Project
Total Organic Carbon & Nitrogen

From 01-JUL-2004 to 30-AUG-2004

Analyte	MDL	Units	I-1 DUP 01-JUL-2004 P262851	I-8 DUP 06-JUL-2004 P263397	I-9 DUP 01-JUL-2004 P262854	A-8 10-AUG-2004 P268069	B-3 11-AUG-2004 P268230	B-5 11-AUG-2004 P268232
Total Organic Carbon	.01	WT%	0.159	0.068	0.290	0.594	0.535	0.850
Total Nitrogen	.005	WT%	0.020	0.011	0.034	0.063	0.061	0.088

Analyte	MDL	Units	A-2 17-AUG-2004 P269083	A-2 DUP 17-AUG-2004 P269084	A-5 17-AUG-2004 P269085	A-5 DUP 17-AUG-2004 P269086	A-9 17-AUG-2004 P269088	A-15 17-AUG-2004 P269089
Total Organic Carbon	.01	WT%	0.603	0.594	0.679	0.661	0.632	0.613
Total Nitrogen	.005	WT%	0.067	0.065	0.072	0.074	0.068	0.067

Analyte	MDL	Units	A-15 DUP 17-AUG-2004 P269090	A-16 17-AUG-2004 P269091	A-16 DUP 17-AUG-2004 P269092	B-9 DUP 14-JUL-2004 P264554	E-5 DUP 14-JUL-2004 P264557	E-14 DUP 16-JUL-2004 P264742
Total Organic Carbon	.01	WT%	0.615	0.615	0.653	0.579	0.409	0.374
Total Nitrogen	.005	WT%	0.066	0.068	0.068	0.063	0.044	0.042

Analyte	MDL	Units	E-20 DUP 16-JUL-2004 P264745	E-25 DUP 16-JUL-2004 P264695	E-3 02-AUG-2004 P267056	E-3 DUP 02-AUG-2004 P267057	I-12 DUP 06-JUL-2004 P263385	I-13 DUP 06-JUL-2004 P263388
Total Organic Carbon	.01	WT%	0.415	0.548	0.363	0.340	0.043	0.060
Total Nitrogen	.005	WT%	0.048	0.061	0.038	0.036	ND	0.012

Analyte	MDL	Units	I-15 DUP 06-JUL-2004 P263394	I-30 DUP 13-JUL-2004 P264504	SM138 20-JUL-2004 P265267	SM119 22-JUL-2004 P265535	SM144 20-JUL-2004 P265271	SM145 20-JUL-2004 P265272
Total Organic Carbon	.01	WT%	0.106	0.180	0.189	0.079	0.260	0.310
Total Nitrogen	.005	WT%	0.014	0.025	0.023	0.013	0.031	0.035

Analyte	MDL	Units	SM146 20-JUL-2004 P265309	SM119 22-JUL-2004 P265535	SM144 20-JUL-2004 P265271	SM145 20-JUL-2004 P265272	SM147 20-JUL-2004 P265308	SM148 20-JUL-2004 P265307
Total Organic Carbon	.01	WT%	0.325	0.079	0.260	0.310	0.258	0.257
Total Nitrogen	.005	WT%	0.036	0.013	0.031	0.035	0.032	0.031

Analyte	MDL	Units	SM149 20-JUL-2004 P265273	SM150 20-JUL-2004 P265274	SM151 20-JUL-2004 P265275	SM152 20-JUL-2004 P265276	SM143 20-JUL-2004 P265270	SM142 20-JUL-2004 P265269
Total Organic Carbon	.01	WT%	0.302	0.112	0.211	0.103	0.267	0.243
Total Nitrogen	.005	WT%	0.036	0.016	0.027	0.015	0.033	0.031

Sediment Mapping Project
Total Organic Carbon & Nitrogen

From 01-JUL-2004 to 30-AUG-2004

Analyte	MDL	Units	SM139	SM127	SM128	SM129	SM134	SM135
			20-JUL-2004	21-JUL-2004	21-JUL-2004	21-JUL-2004	21-JUL-2004	21-JUL-2004
			P265268	P265358	P265398	P265397	P265395	P265359
Total Organic Carbon	.01	WT%	0.225	0.077	0.097	0.098	0.091	0.063
Total Nitrogen	.005	WT%	0.027	0.012	0.016	0.016	0.013	0.010

Analyte	MDL	Units	SM136	SM137	SM141	SM112	SM116	SM117
			21-JUL-2004	21-JUL-2004	21-JUL-2004	22-JUL-2004	22-JUL-2004	22-JUL-2004
			P265360	P265361	P265362	P265495	P265499	P265500
Total Organic Carbon	.01	WT%	0.081	0.340	0.086	0.067	0.066	0.055
Total Nitrogen	.005	WT%	0.012	0.038	0.013	0.012	0.011	0.010

Analyte	MDL	Units	SM118	SM120	SM121
			22-JUL-2004	22-JUL-2004	22-JUL-2004
			P265536	P265534	P265501
Total Organic Carbon	.01	WT%	0.054	0.049	0.069
Total Nitrogen	.005	WT%	0.009	0.010	0.012

Analyte	MDL	Units	SM130	SM131	SM132	SM115	SM114	SM113
			22-JUL-2004	22-JUL-2004	22-JUL-2004	22-JUL-2004	22-JUL-2004	22-JUL-2004
			P265502	P265503	P265504	P265498	P265497	P265496
Total Organic Carbon	.01	WT%	0.151	0.077	0.078	0.063	0.054	0.055
Total Nitrogen	.005	WT%	0.019	0.014	0.016	0.012	0.011	0.011

Analyte	MDL	Units	SM101	SM102	SM103	SM104	SM105	SM106
			27-JUL-2004	27-JUL-2004	27-JUL-2004	27-JUL-2004	27-JUL-2004	27-JUL-2004
			P265999	P266000	P266001	P266002	P266003	P266004
Total Organic Carbon	.01	WT%	0.151	0.277	0.195	0.236	0.097	1.150
Total Nitrogen	.005	WT%	0.020	0.033	0.028	0.030	0.016	0.110

Analyte	MDL	Units	SM107	SM109	SM110	SM111	SM089	SM098
			27-JUL-2004	27-JUL-2004	27-JUL-2004	27-JUL-2004	28-JUL-2004	28-JUL-2004
			P266005	P266006	P266007	P266008	P266080	P266087
Total Organic Carbon	.01	WT%	0.267	0.074	0.107	0.090	0.325	0.178
Total Nitrogen	.005	WT%	0.034	0.015	0.017	0.015	0.041	0.025

Analyte	MDL	Units	SM091	SM092	SM093	SM094	SM095	SM096
			28-JUL-2004	28-JUL-2004	28-JUL-2004	28-JUL-2004	28-JUL-2004	28-JUL-2004
			P266081	P266082	P266083	P266084	P266085	P266113
Total Organic Carbon	.01	WT%	0.233	0.171	0.163	0.170	0.242	0.146
Total Nitrogen	.005	WT%	0.031	0.025	0.025	0.020	0.029	0.021

Analyte	MDL	Units	SM097	SM099	SM100	SM070	SM081
			28-JUL-2004	28-JUL-2004	28-JUL-2004	29-JUL-2004	29-JUL-2004
			P266086	P266088	P266089	P266315	P266363
Total Organic Carbon	.01	WT%	0.232	0.245	0.238	0.359	0.521
Total Nitrogen	.005	WT%	0.026	0.029	0.029	0.041	0.058

Sediment Mapping Project
Total Organic Carbon & Nitrogen

From 01-JUL-2004 to 30-AUG-2004

Analyte	MDL	Units	SM079	SM071	SM077	SM087	SM088	SM051
			29-JUL-2004	29-JUL-2004	29-JUL-2004	29-JUL-2004	29-JUL-2004	02-AUG-2004
			P266320	P266316	P266318	P266323	P266324	P266918
Total Organic Carbon	.01	WT%	1.260	0.206	0.438	0.331	0.047	1.430
Total Nitrogen	.005	WT%	0.132	0.024	0.048	0.042	0.011	0.148

Analyte	MDL	Units	SM066	SM063	SM052	SM067	SM068	SM072
			02-AUG-2004	02-AUG-2004	02-AUG-2004	02-AUG-2004	02-AUG-2004	02-AUG-2004
			P266923	P266920	P266919	P266959	P266958	P266924
Total Organic Carbon	.01	WT%	0.485	0.754	1.330	ND	0.758	0.337
Total Nitrogen	.005	WT%	0.052	0.078	0.134	ND	0.071	0.038

Analyte	MDL	Units	SM074	SM075	SM047	SM060	SM058	SM059
			02-AUG-2004	02-AUG-2004	06-AUG-2004	06-AUG-2004	06-AUG-2004	06-AUG-2004
			P266926	P266927	P267444	P267451	P267477	P267450
Total Organic Carbon	.01	WT%	0.440	0.330	0.399	0.442	0.461	0.409
Total Nitrogen	.005	WT%	0.050	0.030	0.046	0.050	0.051	0.048

Analyte	MDL	Units	SM050	SM053	SM054	SM056	SM057	SM061
			06-AUG-2004	06-AUG-2004	06-AUG-2004	06-AUG-2004	06-AUG-2004	06-AUG-2004
			P267446	P267447	P267448	P267479	P267478	P267452
Total Organic Carbon	.01	WT%	0.430	0.442	0.427	0.476	0.502	0.457
Total Nitrogen	.005	WT%	0.049	0.048	0.050	0.053	0.053	0.052

Analyte	MDL	Units	SM062	SM036	SM037	SM038	SM044	SM039
			06-AUG-2004	09-AUG-2004	09-AUG-2004	09-AUG-2004	09-AUG-2004	09-AUG-2004
			P267453	P267933	P267934	P267935	P267940	P267936
Total Organic Carbon	.01	WT%	0.396	1.330	0.400	0.341	0.450	0.361
Total Nitrogen	.005	WT%	0.048	0.142	0.048	0.041	0.050	0.041

Analyte	MDL	Units	SM040	SM041	SM045	SM048	SM017	SM022
			09-AUG-2004	09-AUG-2004	09-AUG-2004	09-AUG-2004	10-AUG-2004	10-AUG-2004
			P267937	P267938	P267941	P267942	P268014	P268017
Total Organic Carbon	.01	WT%	0.404	0.425	0.486	0.536	0.503	0.720
Total Nitrogen	.005	WT%	0.047	0.047	0.055	0.057	0.054	0.078

Analyte	MDL	Units	SM023	SM019	SM018	SM030	SM031	SM032
			10-AUG-2004	10-AUG-2004	10-AUG-2004	10-AUG-2004	10-AUG-2004	10-AUG-2004
			P268018	P268016	P268015	P268019	P268051	P268050
Total Organic Carbon	.01	WT%	0.623	0.883	0.633	1.520	0.730	0.729
Total Nitrogen	.005	WT%	0.067	0.097	0.068	0.158	0.079	0.077

Analyte	MDL	Units	SM033	SM034	SM035	SM046	SM002	SM020
			10-AUG-2004	10-AUG-2004	10-AUG-2004	10-AUG-2004	11-AUG-2004	11-AUG-2004
			P268020	P268021	P268022	P268023	P268187	P268170
Total Organic Carbon	.01	WT%	0.467	0.487	0.533	0.706	0.742	0.694
Total Nitrogen	.005	WT%	0.052	0.053	0.058	0.076	0.081	0.077

Sediment Mapping Project
Total Organic Carbon & Nitrogen

From 01-JUL-2004 to 30-AUG-2004

Analyte	MDL	Units	SM021 11-AUG-2004 P268171	SM016 11-AUG-2004 P268169	SM024 11-AUG-2004 P268172	SM025 11-AUG-2004 P268204	SM026 11-AUG-2004 P268203	SM027 11-AUG-2004 P268173
Total Organic Carbon	.01	WT%	0.711	0.709	0.725	0.744	0.733	0.644
Total Nitrogen	.005	WT%	0.079	0.081	0.078	0.081	0.078	0.069

Analyte	MDL	Units	SM028 11-AUG-2004 P268174	SM029 11-AUG-2004 P268176	SM001 16-AUG-2004 P268553	SM007 16-AUG-2004 P268557	SM008 16-AUG-2004 P268558
Total Organic Carbon	.01	WT%	0.737	0.724	1.200	1.010	0.586
Total Nitrogen	.005	WT%	0.082	0.080	0.128	0.109	0.062

Analyte	MDL	Units	SM003 16-AUG-2004 P268554	SM004 16-AUG-2004 P268555	SM006 16-AUG-2004 P268556	SM009 16-AUG-2004 P268594	SM010 16-AUG-2004 P268593	SM011 16-AUG-2004 P268592
Total Organic Carbon	.01	WT%	0.541	0.615	1.010	0.535	0.493	0.485
Total Nitrogen	.005	WT%	0.062	0.068	0.105	0.058	0.054	0.055

Analyte	MDL	Units	SM012 16-AUG-2004 P268559	SM013 16-AUG-2004 P268560	SM014 16-AUG-2004 P268561	SM015 16-AUG-2004 P268562	SM005 17-AUG-2004 P269038
Total Organic Carbon	.01	WT%	0.538	0.547	0.497	0.751	0.339
Total Nitrogen	.005	WT%	0.060	0.061	0.054	0.083	0.040

SEDIMENT MAPPING PROJECT
Chlorinated Pesticide Analysis

From 01-JUL-2004 To 01-SEP-2004

Analyte	MDL	Units	A-15 17-AUG-2004 P269115	A-15 DUP 17-AUG-2004 P269116	A-16 17-AUG-2004 P269117	A-16 DUP 17-AUG-2004 P269118	A-2 17-AUG-2004 P269109
Aldrin	7700	NG/KG	NR	NR	NR	NR	NR
Dieldrin	15000	NG/KG	NR	NR	NR	NR	NR
BHC, Alpha isomer	3800	NG/KG	NR	NR	NR	NR	NR
BHC, Beta isomer	5700	NG/KG	NR	NR	NR	NR	NR
BHC, Gamma isomer	1900	NG/KG	NR	NR	NR	NR	NR
BHC, Delta isomer	3800	NG/KG	NR	NR	NR	NR	NR
p,p-DDD	3800	NG/KG	ND	ND	ND	ND	ND
p,p-DDE	3800	NG/KG	ND	ND	ND	ND	E600
p,-p-DDMU		NG/KG	ND	ND	ND	ND	ND
p,p-DDT	11000	NG/KG	ND	ND	ND	ND	ND
o,p-DDD	5700	NG/KG	ND	ND	ND	ND	ND
o,p-DDE	5700	NG/KG	ND	ND	ND	ND	ND
o,p-DDT	3800	NG/KG	ND	ND	ND	ND	ND
Heptachlor	5700	NG/KG	NR	NR	NR	NR	NR
Heptachlor epoxide	5700	NG/KG	NR	NR	NR	NR	NR
Alpha (cis) Chlordane	5700	NG/KG	ND	ND	ND	ND	ND
Gamma (trans) Chlordane	3800	NG/KG	ND	ND	ND	ND	ND
Alpha Chlordene	1400	NG/KG	NR	NR	NR	NR	NR
Gamma Chlordene	120	NG/KG	NR	NR	NR	NR	NR
Oxychlordane	5700	NG/KG	ND	ND	ND	ND	ND
Trans Nonachlor	3800	NG/KG	NR	NR	NR	NR	NR
Cis Nonachlor	3800	NG/KG	NR	NR	NR	NR	NR
Alpha Endosulfan	5700	NG/KG	NR	NR	NR	NR	NR
Beta Endosulfan	5700	NG/KG	NR	NR	NR	NR	NR
Endosulfan Sulfate	19000	NG/KG	NR	NR	NR	NR	NR
Endrin	7600	NG/KG	NR	NR	NR	NR	NR
Endrin aldehyde	15000	NG/KG	NR	NR	NR	NR	NR
Mirex	5700	NG/KG	NR	NR	NR	NR	NR
Methoxychlor	15000	NG/KG	NR	NR	NR	NR	NR
Aldrin + Dieldrin	15000	NG/KG	NR	NR	NR	NR	NR
Hexachlorocyclohexanes	5700	NG/KG	NR	NR	NR	NR	NR
DDT and derivatives	11000	NG/KG	0	0	0	0	E600
Chlordane + related cmpds.	5700	NG/KG	0	0	0	0	0
Chlorinated Hydrocarbons	19000	NG/KG	0	0	0	0	E600

ND=not detected; NS=not sampled; NA=not analyzed; NR=not required

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SEDIMENT MAPPING PROJECT
Chlorinated Pesticide Analysis

From 01-JUL-2004 To 01-SEP-2004

Analyte	MDL	Units	A-2 DUP 17-AUG-2004 P269110	A-5 17-AUG-2004 P269111	A-5 DUP 17-AUG-2004 P269112	A-8 10-AUG-2004 P268095	A-9 17-AUG-2004 P269114
Aldrin	7700	NG/KG	NR	NR	NR	NR	NR
Dieldrin	15000	NG/KG	NR	NR	NR	NR	NR
BHC, Alpha isomer	3800	NG/KG	NR	NR	NR	NR	NR
BHC, Beta isomer	5700	NG/KG	NR	NR	NR	NR	NR
BHC, Gamma isomer	1900	NG/KG	NR	NR	NR	NR	NR
BHC, Delta isomer	3800	NG/KG	NR	NR	NR	NR	NR
p,p-DDD	3800	NG/KG	ND	ND	ND	ND	ND
p,p-DDE	3800	NG/KG	ND	ND	E670	ND	E780
p,-p-DDMU		NG/KG	ND	ND	ND	ND	ND
p,p-DDT	11000	NG/KG	ND	ND	ND	ND	ND
o,p-DDD	5700	NG/KG	ND	ND	ND	ND	ND
o,p-DDE	5700	NG/KG	ND	ND	ND	ND	ND
o,p-DDT	3800	NG/KG	ND	ND	ND	ND	ND
Heptachlor	5700	NG/KG	NR	NR	NR	NR	NR
Heptachlor epoxide	5700	NG/KG	NR	NR	NR	NR	NR
Alpha (cis) Chlordane	5700	NG/KG	ND	ND	ND	ND	ND
Gamma (trans) Chlordane	3800	NG/KG	ND	ND	ND	ND	ND
Alpha Chlordene	1400	NG/KG	NR	NR	NR	NR	NR
Gamma Chlordene	120	NG/KG	NR	NR	NR	NR	NR
Oxychlordane	5700	NG/KG	ND	ND	ND	ND	ND
Trans Nonachlor	3800	NG/KG	NR	NR	NR	NR	NR
Cis Nonachlor	3800	NG/KG	NR	NR	NR	NR	NR
Alpha Endosulfan	5700	NG/KG	NR	NR	NR	NR	NR
Beta Endosulfan	5700	NG/KG	NR	NR	NR	NR	NR
Endosulfan Sulfate	19000	NG/KG	NR	NR	NR	NR	NR
Endrin	7600	NG/KG	NR	NR	NR	NR	NR
Endrin aldehyde	15000	NG/KG	NR	NR	NR	NR	NR
Mirex	5700	NG/KG	NR	NR	NR	NR	NR
Methoxychlor	15000	NG/KG	NR	NR	NR	NR	NR
Aldrin + Dieldrin	15000	NG/KG	NR	NR	NR	NR	NR
Hexachlorocyclohexanes	5700	NG/KG	NR	NR	NR	NR	NR
DDT and derivatives	11000	NG/KG	0	0	E670	0	E780
Chlordane + related cmpds.	5700	NG/KG	0	0	0	0	0
Chlorinated Hydrocarbons	19000	NG/KG	0	0	E670	0	E780

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SEDIMENT MAPPING PROJECT
Chlorinated Pesticide Analysis

From 01-JUL-2004 To 01-SEP-2004

Analyte	MDL	Units	B-3 11-AUG-2004 P268256	B-5 11-AUG-2004 P268258	B-9 DUP 14-JUL-2004 P264553	E-14 DUP 16-JUL-2004 P264741	E-20 DUP 16-JUL-2004 P264693
Aldrin	7700	NG/KG	NR	NR	ND	ND	ND
Dieldrin	15000	NG/KG	NR	NR	ND	ND	ND
BHC, Alpha isomer	3800	NG/KG	NR	NR	ND	ND	ND
BHC, Beta isomer	5700	NG/KG	NR	NR	ND	ND	ND
BHC, Gamma isomer	1900	NG/KG	NR	NR	ND	ND	ND
BHC, Delta isomer	3800	NG/KG	NR	NR	ND	ND	ND
p,p-DDD	3800	NG/KG	ND	ND	ND	ND	ND
p,p-DDE	3800	NG/KG	E870	ND	ND	ND	ND
p,-p-DDMU		NG/KG	ND	ND	ND	ND	ND
p,p-DDT	11000	NG/KG	ND	ND	ND	ND	ND
o,p-DDD	5700	NG/KG	ND	ND	ND	ND	ND
o,p-DDE	5700	NG/KG	ND	ND	ND	ND	ND
o,p-DDT	3800	NG/KG	ND	ND	ND	ND	ND
Heptachlor	5700	NG/KG	NR	NR	ND	ND	ND
Heptachlor epoxide	5700	NG/KG	NR	NR	ND	ND	ND
Alpha (cis) Chlordane	5700	NG/KG	ND	ND	ND	ND	ND
Gamma (trans) Chlordane	3800	NG/KG	ND	ND	ND	ND	ND
Alpha Chlordene	1400	NG/KG	NR	NR	NA	NA	NA
Gamma Chlordene	120	NG/KG	NR	NR	NA	NA	NA
Oxychlordane	5700	NG/KG	ND	ND	ND	ND	ND
Trans Nonachlor	3800	NG/KG	NR	NR	ND	ND	ND
Cis Nonachlor	3800	NG/KG	NR	NR	ND	ND	ND
Alpha Endosulfan	5700	NG/KG	NR	NR	ND	ND	ND
Beta Endosulfan	5700	NG/KG	NR	NR	ND	ND	ND
Endosulfan Sulfate	19000	NG/KG	NR	NR	ND	ND	ND
Endrin	7600	NG/KG	NR	NR	ND	ND	ND
Endrin aldehyde	15000	NG/KG	NR	NR	ND	ND	ND
Mirex	5700	NG/KG	NR	NR	ND	ND	ND
Methoxychlor	15000	NG/KG	NR	NR	ND	ND	ND
Aldrin + Dieldrin	15000	NG/KG	NR	NR	0	0	0
Hexachlorocyclohexanes	5700	NG/KG	NR	NR	0	0	0
DDT and derivatives	11000	NG/KG	E870	0	0	0	0
Chlordane + related cmpds.	5700	NG/KG	0	0	0	0	0
Chlorinated Hydrocarbons	19000	NG/KG	E870	0	0	0	0

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SEDIMENT MAPPING PROJECT
Chlorinated Pesticide Analysis

From 01-JUL-2004 To 01-SEP-2004

Analyte	MDL	Units	E-25 DUP 16-JUL-2004 P264696	E-3 02-AUG-2004 P267114	E-3 DUP 02-AUG-2004 P267115	E-5 DUP 14-JUL-2004 P264559	I-1 DUP 01-JUL-2004 P262849
Aldrin	7700	NG/KG	ND	NR	NR	ND	ND
Dieldrin	15000	NG/KG	ND	NR	NR	ND	ND
BHC, Alpha isomer	3800	NG/KG	ND	NR	NR	ND	ND
BHC, Beta isomer	5700	NG/KG	ND	NR	NR	ND	ND
BHC, Gamma isomer	1900	NG/KG	ND	NR	NR	ND	ND
BHC, Delta isomer	3800	NG/KG	ND	NR	NR	ND	ND
p,p-DDD	3800	NG/KG	ND	ND	ND	ND	ND
p,p-DDE	3800	NG/KG	ND	ND	ND	ND	ND
p,-p-DDMU		NG/KG	ND	ND	ND	ND	ND
p,p-DDT	11000	NG/KG	ND	ND	ND	ND	ND
o,p-DDD	5700	NG/KG	ND	ND	ND	ND	ND
o,p-DDE	5700	NG/KG	ND	ND	ND	ND	ND
o,p-DDT	3800	NG/KG	ND	ND	ND	ND	ND
Heptachlor	5700	NG/KG	ND	NR	NR	ND	ND
Heptachlor epoxide	5700	NG/KG	ND	NR	NR	ND	ND
Alpha (cis) Chlordane	5700	NG/KG	ND	ND	ND	ND	ND
Gamma (trans) Chlordane	3800	NG/KG	ND	ND	ND	ND	ND
Alpha Chlordene	1400	NG/KG	NA	NR	NR	NA	NA
Gamma Chlordene	120	NG/KG	NA	NR	NR	NA	NA
Oxychlordane	5700	NG/KG	ND	ND	ND	ND	ND
Trans Nonachlor	3800	NG/KG	ND	NR	NR	ND	ND
Cis Nonachlor	3800	NG/KG	ND	NR	NR	ND	ND
Alpha Endosulfan	5700	NG/KG	ND	NR	NR	ND	ND
Beta Endosulfan	5700	NG/KG	ND	NR	NR	ND	ND
Endosulfan Sulfate	19000	NG/KG	ND	NR	NR	ND	ND
Endrin	7600	NG/KG	ND	NR	NR	ND	ND
Endrin aldehyde	15000	NG/KG	ND	NR	NR	ND	ND
Mirex	5700	NG/KG	ND	NR	NR	ND	ND
Methoxychlor	15000	NG/KG	ND	NR	NR	ND	ND
Aldrin + Dieldrin	15000	NG/KG	0	NR	NR	0	0
Hexachlorocyclohexanes	5700	NG/KG	0	NR	NR	0	0
DDT and derivatives	11000	NG/KG	0	0	0	0	0
Chlordane + related cmpds.	5700	NG/KG	0	0	0	0	0
Chlorinated Hydrocarbons	19000	NG/KG	0	0	0	0	0

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SEDIMENT MAPPING PROJECT
Chlorinated Pesticide Analysis

From 01-JUL-2004 To 01-SEP-2004

Analyte	MDL	Units	I-12 DUP 06-JUL-2004 P263386	I-13 DUP 06-JUL-2004 P263390	I-15 DUP 06-JUL-2004 P263392	I-30 DUP 13-JUL-2004 P264502	I-8 DUP 06-JUL-2004 P263396
Aldrin	7700	NG/KG	ND	ND	ND	ND	ND
Dieldrin	15000	NG/KG	ND	ND	ND	ND	ND
BHC, Alpha isomer	3800	NG/KG	ND	ND	ND	ND	ND
BHC, Beta isomer	5700	NG/KG	ND	ND	ND	ND	ND
BHC, Gamma isomer	1900	NG/KG	ND	ND	ND	ND	ND
BHC, Delta isomer	3800	NG/KG	ND	ND	ND	ND	ND
p,p-DDD	3800	NG/KG	ND	ND	ND	ND	ND
p,p-DDE	3800	NG/KG	ND	ND	ND	ND	ND
p,-p-DDMU		NG/KG	ND	ND	ND	ND	ND
p,p-DDT	11000	NG/KG	ND	ND	ND	ND	ND
o,p-DDD	5700	NG/KG	ND	ND	ND	ND	ND
o,p-DDE	5700	NG/KG	ND	ND	ND	ND	ND
o,p-DDT	3800	NG/KG	ND	ND	ND	ND	ND
Heptachlor	5700	NG/KG	ND	ND	ND	ND	ND
Heptachlor epoxide	5700	NG/KG	ND	ND	ND	ND	ND
Alpha (cis) Chlordane	5700	NG/KG	ND	ND	ND	ND	ND
Gamma (trans) Chlordane	3800	NG/KG	ND	ND	ND	ND	ND
Alpha Chlordene	1400	NG/KG	NA	NA	NA	NA	NA
Gamma Chlordene	120	NG/KG	NA	NA	NA	NA	NA
Oxychlordane	5700	NG/KG	ND	ND	ND	ND	ND
Trans Nonachlor	3800	NG/KG	ND	ND	ND	ND	ND
Cis Nonachlor	3800	NG/KG	ND	ND	ND	ND	ND
Alpha Endosulfan	5700	NG/KG	ND	ND	ND	ND	ND
Beta Endosulfan	5700	NG/KG	ND	ND	ND	ND	ND
Endosulfan Sulfate	19000	NG/KG	ND	ND	ND	ND	ND
Endrin	7600	NG/KG	ND	ND	ND	ND	ND
Endrin aldehyde	15000	NG/KG	ND	ND	ND	ND	ND
Mirex	5700	NG/KG	ND	ND	ND	ND	ND
Methoxychlor	15000	NG/KG	ND	ND	ND	ND	ND
Aldrin + Dieldrin	15000	NG/KG	0	0	0	0	0
Hexachlorocyclohexanes	5700	NG/KG	0	0	0	0	0
DDT and derivatives	11000	NG/KG	0	0	0	0	0
Chlordane + related cmpds.	5700	NG/KG	0	0	0	0	0
Chlorinated Hydrocarbons	19000	NG/KG	0	0	0	0	0

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SEDIMENT MAPPING PROJECT
Chlorinated Pesticide Analysis

From 01-JUL-2004 To 01-SEP-2004

Analyte	MDL	Units	I-9 DUP 01-JUL-2004 P262853	SM001 16-AUG-2004 P268573	SM002 11-AUG-2004 P268190	SM003 16-AUG-2004 P268576	SM004 16-AUG-2004 P268578
Aldrin	7700	NG/KG	ND	NR	NR	NR	NR
Dieldrin	15000	NG/KG	ND	NR	NR	NR	NR
BHC, Alpha isomer	3800	NG/KG	ND	NR	NR	NR	NR
BHC, Beta isomer	5700	NG/KG	ND	NR	NR	NR	NR
BHC, Gamma isomer	1900	NG/KG	ND	NR	NR	NR	NR
BHC, Delta isomer	3800	NG/KG	ND	NR	NR	NR	NR
p,p-DDD	3800	NG/KG	ND	ND	ND	ND	ND
p,p-DDE	3800	NG/KG	ND	ND	ND	ND	ND
p,-p-DDMU		NG/KG	ND	ND	ND	ND	ND
p,p-DDT	11000	NG/KG	ND	ND	ND	ND	ND
o,p-DDD	5700	NG/KG	ND	ND	ND	ND	ND
o,p-DDE	5700	NG/KG	ND	ND	ND	ND	ND
o,p-DDT	3800	NG/KG	ND	ND	ND	ND	ND
Heptachlor	5700	NG/KG	ND	NR	NR	NR	NR
Heptachlor epoxide	5700	NG/KG	ND	NR	NR	NR	NR
Alpha (cis) Chlordane	5700	NG/KG	ND	ND	ND	ND	ND
Gamma (trans) Chlordane	3800	NG/KG	ND	ND	ND	ND	ND
Alpha Chlordene	1400	NG/KG	NA	NR	NR	NR	NR
Gamma Chlordene	120	NG/KG	NA	NR	NR	NR	NR
Oxychlordane	5700	NG/KG	ND	ND	ND	ND	ND
Trans Nonachlor	3800	NG/KG	ND	NR	NR	NR	NR
Cis Nonachlor	3800	NG/KG	ND	NR	NR	NR	NR
Alpha Endosulfan	5700	NG/KG	ND	NR	NR	NR	NR
Beta Endosulfan	5700	NG/KG	ND	NR	NR	NR	NR
Endosulfan Sulfate	19000	NG/KG	ND	NR	NR	NR	NR
Endrin	7600	NG/KG	ND	NR	NR	NR	NR
Endrin aldehyde	15000	NG/KG	ND	NR	NR	NR	NR
Mirex	5700	NG/KG	ND	NR	NR	NR	NR
Methoxychlor	15000	NG/KG	ND	NR	NR	NR	NR
Aldrin + Dieldrin	15000	NG/KG	0	NR	NR	NR	NR
Hexachlorocyclohexanes	5700	NG/KG	0	NR	NR	NR	NR
DDT and derivatives	11000	NG/KG	0	0	0	0	0
Chlordane + related cmpds.	5700	NG/KG	0	0	0	0	0
Chlorinated Hydrocarbons	19000	NG/KG	0	0	0	0	0

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SEDIMENT MAPPING PROJECT
Chlorinated Pesticide Analysis

From 01-JUL-2004 To 01-SEP-2004

Analyte	MDL	Units	SM005 17-AUG-2004 P269058	SM006 16-AUG-2004 P268586	SM007 16-AUG-2004 P268580	SM008 16-AUG-2004 P268588	SM009 16-AUG-2004 P268587
Aldrin	7700	NG/KG	NR	NR	NR	NR	NR
Dieldrin	15000	NG/KG	NR	NR	NR	NR	NR
BHC, Alpha isomer	3800	NG/KG	NR	NR	NR	NR	NR
BHC, Beta isomer	5700	NG/KG	NR	NR	NR	NR	NR
BHC, Gamma isomer	1900	NG/KG	NR	NR	NR	NR	NR
BHC, Delta isomer	3800	NG/KG	NR	NR	NR	NR	NR
p,p-DDD	3800	NG/KG	ND	ND	ND	ND	ND
p,p-DDE	3800	NG/KG	ND	ND	E350	ND	ND
p,-p-DDMU		NG/KG	ND	ND	ND	ND	ND
p,p-DDT	11000	NG/KG	ND	ND	ND	ND	ND
o,p-DDD	5700	NG/KG	ND	ND	ND	ND	ND
o,p-DDE	5700	NG/KG	ND	ND	ND	ND	ND
o,p-DDT	3800	NG/KG	ND	ND	ND	ND	ND
Heptachlor	5700	NG/KG	NR	NR	NR	NR	NR
Heptachlor epoxide	5700	NG/KG	NR	NR	NR	NR	NR
Alpha (cis) Chlordane	5700	NG/KG	ND	ND	ND	ND	ND
Gamma (trans) Chlordane	3800	NG/KG	ND	ND	ND	ND	ND
Alpha Chlordene	1400	NG/KG	NR	NR	NR	NR	NR
Gamma Chlordene	120	NG/KG	NR	NR	NR	NR	NR
Oxychlordane	5700	NG/KG	ND	ND	ND	ND	ND
Trans Nonachlor	3800	NG/KG	NR	NR	NR	NR	NR
Cis Nonachlor	3800	NG/KG	NR	NR	NR	NR	NR
Alpha Endosulfan	5700	NG/KG	NR	NR	NR	NR	NR
Beta Endosulfan	5700	NG/KG	NR	NR	NR	NR	NR
Endosulfan Sulfate	19000	NG/KG	NR	NR	NR	NR	NR
Endrin	7600	NG/KG	NR	NR	NR	NR	NR
Endrin aldehyde	15000	NG/KG	NR	NR	NR	NR	NR
Mirex	5700	NG/KG	NR	NR	NR	NR	NR
Methoxychlor	15000	NG/KG	NR	NR	NR	NR	NR
Aldrin + Dieldrin	15000	NG/KG	NR	NR	NR	NR	NR
Hexachlorocyclohexanes	5700	NG/KG	NR	NR	NR	NR	NR
DDT and derivatives	11000	NG/KG	0	0	E350	0	0
Chlordane + related cmpds.	5700	NG/KG	0	0	0	0	0
Chlorinated Hydrocarbons	19000	NG/KG	0	0	E350	0	0

ND=not detected; NS=not sampled; NA=not analyzed; NR=not required

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SEDIMENT MAPPING PROJECT
Chlorinated Pesticide Analysis

From 01-JUL-2004 To 01-SEP-2004

Analyte	MDL	Units	SM010 16-AUG-2004 P268582	SM011 16-AUG-2004 P268581	SM012 16-AUG-2004 P268579	SM013 16-AUG-2004 P268577	SM014 16-AUG-2004 P268574
Aldrin	7700	NG/KG	NR	NR	NR	NR	NR
Dieldrin	15000	NG/KG	NR	NR	NR	NR	NR
BHC, Alpha isomer	3800	NG/KG	NR	NR	NR	NR	NR
BHC, Beta isomer	5700	NG/KG	NR	NR	NR	NR	NR
BHC, Gamma isomer	1900	NG/KG	NR	NR	NR	NR	NR
BHC, Delta isomer	3800	NG/KG	NR	NR	NR	NR	NR
p,p-DDD	3800	NG/KG	ND	ND	ND	ND	ND
p,p-DDE	3800	NG/KG	ND	ND	ND	ND	ND
p,-p-DDMU		NG/KG	ND	ND	ND	ND	ND
p,p-DDT	11000	NG/KG	ND	ND	ND	ND	ND
o,p-DDD	5700	NG/KG	ND	ND	ND	ND	ND
o,p-DDE	5700	NG/KG	ND	ND	ND	ND	ND
o,p-DDT	3800	NG/KG	ND	ND	ND	ND	ND
Heptachlor	5700	NG/KG	NR	NR	NR	NR	NR
Heptachlor epoxide	5700	NG/KG	NR	NR	NR	NR	NR
Alpha (cis) Chlordane	5700	NG/KG	ND	ND	ND	ND	ND
Gamma (trans) Chlordane	3800	NG/KG	ND	ND	ND	ND	ND
Alpha Chlordene	1400	NG/KG	NR	NR	NR	NR	NR
Gamma Chlordene	120	NG/KG	NR	NR	NR	NR	NR
Oxychlordane	5700	NG/KG	ND	ND	ND	ND	ND
Trans Nonachlor	3800	NG/KG	NR	NR	NR	NR	NR
Cis Nonachlor	3800	NG/KG	NR	NR	NR	NR	NR
Alpha Endosulfan	5700	NG/KG	NR	NR	NR	NR	NR
Beta Endosulfan	5700	NG/KG	NR	NR	NR	NR	NR
Endosulfan Sulfate	19000	NG/KG	NR	NR	NR	NR	NR
Endrin	7600	NG/KG	NR	NR	NR	NR	NR
Endrin aldehyde	15000	NG/KG	NR	NR	NR	NR	NR
Mirex	5700	NG/KG	NR	NR	NR	NR	NR
Methoxychlor	15000	NG/KG	NR	NR	NR	NR	NR
Aldrin + Dieldrin	15000	NG/KG	NR	NR	NR	NR	NR
Hexachlorocyclohexanes	5700	NG/KG	NR	NR	NR	NR	NR
DDT and derivatives	11000	NG/KG	0	0	0	0	0
Chlordane + related cmpds.	5700	NG/KG	0	0	0	0	0
Chlorinated Hydrocarbons	19000	NG/KG	0	0	0	0	0

ND=not detected; NS=not sampled; NA=not analyzed; NR=not required

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SEDIMENT MAPPING PROJECT
Chlorinated Pesticide Analysis

From 01-JUL-2004 To 01-SEP-2004

Analyte	MDL	Units	SM015 16-AUG-2004 P268575	SM016 11-AUG-2004 P268192	SM017 10-AUG-2004 P268034	SM018 10-AUG-2004 P268037	SM019 10-AUG-2004 P268039
Aldrin	7700	NG/KG	NR	NR	NR	NR	NR
Dieldrin	15000	NG/KG	NR	NR	NR	NR	NR
BHC, Alpha isomer	3800	NG/KG	NR	NR	NR	NR	NR
BHC, Beta isomer	5700	NG/KG	NR	NR	NR	NR	NR
BHC, Gamma isomer	1900	NG/KG	NR	NR	NR	NR	NR
BHC, Delta isomer	3800	NG/KG	NR	NR	NR	NR	NR
p,p-DDD	3800	NG/KG	ND	ND	ND	ND	ND
p,p-DDE	3800	NG/KG	ND	ND	ND	E650	ND
p,-p-DDMU		NG/KG	ND	ND	ND	ND	ND
p,p-DDT	11000	NG/KG	ND	ND	ND	ND	ND
o,p-DDD	5700	NG/KG	ND	ND	ND	ND	ND
o,p-DDE	5700	NG/KG	ND	ND	ND	ND	ND
o,p-DDT	3800	NG/KG	ND	ND	ND	ND	ND
Heptachlor	5700	NG/KG	NR	NR	NR	NR	NR
Heptachlor epoxide	5700	NG/KG	NR	NR	NR	NR	NR
Alpha (cis) Chlordane	5700	NG/KG	ND	ND	ND	ND	ND
Gamma (trans) Chlordane	3800	NG/KG	ND	ND	ND	ND	ND
Alpha Chlordene	1400	NG/KG	NR	NR	NR	NR	NR
Gamma Chlordene	120	NG/KG	NR	NR	NR	NR	NR
Oxychlordane	5700	NG/KG	ND	ND	ND	ND	ND
Trans Nonachlor	3800	NG/KG	NR	NR	NR	NR	NR
Cis Nonachlor	3800	NG/KG	NR	NR	NR	NR	NR
Alpha Endosulfan	5700	NG/KG	NR	NR	NR	NR	NR
Beta Endosulfan	5700	NG/KG	NR	NR	NR	NR	NR
Endosulfan Sulfate	19000	NG/KG	NR	NR	NR	NR	NR
Endrin	7600	NG/KG	NR	NR	NR	NR	NR
Endrin aldehyde	15000	NG/KG	NR	NR	NR	NR	NR
Mirex	5700	NG/KG	NR	NR	NR	NR	NR
Methoxychlor	15000	NG/KG	NR	NR	NR	NR	NR
Aldrin + Dieldrin	15000	NG/KG	NR	NR	NR	NR	NR
Hexachlorocyclohexanes	5700	NG/KG	NR	NR	NR	NR	NR
DDT and derivatives	11000	NG/KG	0	0	0	E650	0
Chlordane + related cmpds.	5700	NG/KG	0	0	0	0	0
Chlorinated Hydrocarbons	19000	NG/KG	0	0	0	E650	0

ND=not detected; NS=not sampled; NA=not analyzed; NR=not required

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SEDIMENT MAPPING PROJECT
Chlorinated Pesticide Analysis

From 01-JUL-2004 To 01-SEP-2004

Analyte	MDL	Units	SM020 11-AUG-2004 P268194	SM021 11-AUG-2004 P268200	SM022 10-AUG-2004 P268041	SM023 10-AUG-2004 P268047
Aldrin	7700	NG/KG	NR	NR	NR	NR
Dieldrin	15000	NG/KG	NR	NR	NR	NR
BHC, Alpha isomer	3800	NG/KG	NR	NR	NR	NR
BHC, Beta isomer	5700	NG/KG	NR	NR	NR	NR
BHC, Gamma isomer	1900	NG/KG	NR	NR	NR	NR
BHC, Delta isomer	3800	NG/KG	NR	NR	NR	NR
p,p-DDD	3800	NG/KG	ND	ND	ND	ND
p,p-DDE	3800	NG/KG	ND	ND	ND	ND
p,-p-DDMU		NG/KG	ND	ND	ND	ND
p,p-DDT	11000	NG/KG	ND	ND	ND	ND
o,p-DDD	5700	NG/KG	ND	ND	ND	ND
o,p-DDE	5700	NG/KG	ND	ND	ND	ND
o,p-DDT	3800	NG/KG	ND	ND	ND	ND
Heptachlor	5700	NG/KG	NR	NR	NR	NR
Heptachlor epoxide	5700	NG/KG	NR	NR	NR	NR
Alpha (cis) Chlordane	5700	NG/KG	ND	ND	ND	ND
Gamma (trans) Chlordane	3800	NG/KG	ND	ND	ND	ND
Alpha Chlordene	1400	NG/KG	NR	NR	NR	NR
Gamma Chlordene	120	NG/KG	NR	NR	NR	NR
Oxychlordane	5700	NG/KG	ND	ND	ND	ND
Trans Nonachlor	3800	NG/KG	NR	NR	NR	NR
Cis Nonachlor	3800	NG/KG	NR	NR	NR	NR
Alpha Endosulfan	5700	NG/KG	NR	NR	NR	NR
Beta Endosulfan	5700	NG/KG	NR	NR	NR	NR
Endosulfan Sulfate	19000	NG/KG	NR	NR	NR	NR
Endrin	7600	NG/KG	NR	NR	NR	NR
Endrin aldehyde	15000	NG/KG	NR	NR	NR	NR
Mirex	5700	NG/KG	NR	NR	NR	NR
Methoxychlor	15000	NG/KG	NR	NR	NR	NR
Aldrin + Dieldrin	15000	NG/KG	NR	NR	NR	NR
Hexachlorocyclohexanes	5700	NG/KG	NR	NR	NR	NR
DDT and derivatives	11000	NG/KG	0	0	0	0
Chlordane + related cmpds.	5700	NG/KG	0	0	0	0
Chlorinated Hydrocarbons	19000	NG/KG	0	0	0	0

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SEDIMENT MAPPING PROJECT
Chlorinated Pesticide Analysis

From 01-JUL-2004 To 01-SEP-2004

Analyte	MDL	Units	SM024 11-AUG-2004 P268199	SM025 11-AUG-2004 P268196	SM026 11-AUG-2004 P268195	SM027 11-AUG-2004 P268193	SM028 11-AUG-2004 P268191
Aldrin		NG/KG	NR	NR	NR	NR	NR
Dieldrin		NG/KG	NR	NR	NR	NR	NR
BHC, Alpha isomer		NG/KG	NR	NR	NR	NR	NR
BHC, Beta isomer		NG/KG	NR	NR	NR	NR	NR
BHC, Gamma isomer		NG/KG	NR	NR	NR	NR	NR
BHC, Delta isomer		NG/KG	NR	NR	NR	NR	NR
p,p-DDD	3800	NG/KG	ND	ND	ND	ND	ND
p,p-DDE	3800	NG/KG	ND	ND	ND	ND	ND
p,-p-DDMU		NG/KG	ND	ND	ND	ND	ND
p,p-DDT	11000	NG/KG	ND	ND	ND	ND	ND
o,p-DDD	5700	NG/KG	ND	ND	ND	ND	ND
o,p-DDE	5700	NG/KG	ND	ND	ND	ND	ND
o,p-DDT	3800	NG/KG	ND	ND	ND	ND	ND
Heptachlor	5700	NG/KG	NR	NR	NR	NR	NR
Heptachlor epoxide	5700	NG/KG	NR	NR	NR	NR	NR
Alpha (cis) Chlordane	5700	NG/KG	ND	ND	ND	ND	ND
Gamma (trans) Chlordane	3800	NG/KG	ND	ND	ND	ND	ND
Alpha Chlordene	1400	NG/KG	NR	NR	NR	NR	NR
Gamma Chlordene	120	NG/KG	NR	NR	NR	NR	NR
Oxychlordane	5700	NG/KG	ND	ND	ND	ND	ND
Trans Nonachlor		NG/KG	NR	NR	NR	NR	NR
Cis Nonachlor		NG/KG	NR	NR	NR	NR	NR
Alpha Endosulfan		NG/KG	NR	NR	NR	NR	NR
Beta Endosulfan		NG/KG	NR	NR	NR	NR	NR
Endosulfan Sulfate		NG/KG	NR	NR	NR	NR	NR
Endrin		NG/KG	NR	NR	NR	NR	NR
Endrin aldehyde		NG/KG	NR	NR	NR	NR	NR
Mirex		NG/KG	NR	NR	NR	NR	NR
Methoxychlor		NG/KG	NR	NR	NR	NR	NR
Aldrin + Dieldrin		NG/KG	NR	NR	NR	NR	NR
Hexachlorocyclohexanes		NG/KG	NR	NR	NR	NR	NR
DDT and derivatives	11000	NG/KG	0	0	0	0	0
Chlordane + related cmpds.	5700	NG/KG	0	0	0	0	0
Chlorinated Hydrocarbons	11000	NG/KG	0	0	0	0	0

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SEDIMENT MAPPING PROJECT
Chlorinated Pesticide Analysis

From 01-JUL-2004 To 01-SEP-2004

Analyte	MDL	Units	SM028 DUP 11-AUG-2004 P268188	SM029 11-AUG-2004 P268189	SM030 10-AUG-2004 P268046	SM031 10-AUG-2004 P268043	SM032 10-AUG-2004 P268042
Aldrin		NG/KG	NR	NR	NR	NR	NR
Dieldrin		NG/KG	NR	NR	NR	NR	NR
BHC, Alpha isomer		NG/KG	NR	NR	NR	NR	NR
BHC, Beta isomer		NG/KG	NR	NR	NR	NR	NR
BHC, Gamma isomer		NG/KG	NR	NR	NR	NR	NR
BHC, Delta isomer		NG/KG	NR	NR	NR	NR	NR
p,p-DDE	3800	NG/KG	ND	ND	ND	ND	E670
p,-p-DDMU		NG/KG	ND	ND	ND	ND	ND
p,p-DDT	11000	NG/KG	ND	ND	ND	ND	ND
o,p-DDD	5700	NG/KG	ND	ND	ND	ND	ND
o,p-DDE	5700	NG/KG	ND	ND	ND	ND	ND
o,p-DDT	3800	NG/KG	ND	ND	ND	17000	ND
Heptachlor	5700	NG/KG	NR	NR	NR	NR	NR
Heptachlor epoxide	5700	NG/KG	NR	NR	NR	NR	NR
Alpha (cis) Chlordane	5700	NG/KG	ND	ND	ND	ND	ND
Gamma (trans) Chlordane	3800	NG/KG	ND	ND	ND	ND	ND
Alpha Chlordene	1400	NG/KG	NR	NR	NR	NR	NR
Gamma Chlordene	120	NG/KG	NR	NR	NR	NR	NR
Alpha Chlordene		NG/KG	NR	NR	NR	NR	NR
Gamma Chlordene		NG/KG	NR	NR	NR	NR	NR
Oxychlordane	5700	NG/KG	ND	ND	ND	ND	ND
Trans Nonachlor		NG/KG	NR	NR	NR	NR	NR
Cis Nonachlor		NG/KG	NR	NR	NR	NR	NR
Alpha Endosulfan		NG/KG	NR	NR	NR	NR	NR
Beta Endosulfan		NG/KG	NR	NR	NR	NR	NR
Endosulfan Sulfate		NG/KG	NR	NR	NR	NR	NR
Endrin		NG/KG	NR	NR	NR	NR	NR
Endrin aldehyde		NG/KG	NR	NR	NR	NR	NR
Mirex		NG/KG	NR	NR	NR	NR	NR
Methoxychlor		NG/KG	NR	NR	NR	NR	NR
Aldrin + Dieldrin		NG/KG	NR	NR	NR	NR	NR
Hexachlorocyclohexanes		NG/KG	NR	NR	NR	NR	NR
DDT and derivatives	11000	NG/KG	0	0	0	17000	E670
Chlordane + related cmpds.	5700	NG/KG	0	0	0	0	0
Chlorinated Hydrocarbons	11000	NG/KG	0	0	0	17000	E670

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SEDIMENT MAPPING PROJECT
Chlorinated Pesticide Analysis

From 01-JUL-2004 To 01-SEP-2004

Analyte	MDL	Units	SM033 10-AUG-2004 P268040	SM034 10-AUG-2004 P268038	SM035 10-AUG-2004 P268035	SM036 09-AUG-2004 P267953	SM037 09-AUG-2004 P267956
Aldrin		NG/KG	NR	NR	NR	NR	NR
Dieldrin		NG/KG	NR	NR	NR	NR	NR
BHC, Alpha isomer		NG/KG	NR	NR	NR	NR	NR
BHC, Beta isomer		NG/KG	NR	NR	NR	NR	NR
BHC, Gamma isomer		NG/KG	NR	NR	NR	NR	NR
BHC, Delta isomer		NG/KG	NR	NR	NR	NR	NR
p,p-DDD	3800	NG/KG	ND	ND	ND	ND	ND
p,p-DDE	3800	NG/KG	ND	ND	E280	ND	ND
p,-p-DDMU		NG/KG	ND	ND	ND	ND	ND
p,p-DDT	11000	NG/KG	ND	ND	ND	ND	ND
o,p-DDD	5700	NG/KG	ND	ND	ND	ND	ND
o,p-DDE	5700	NG/KG	ND	ND	ND	ND	ND
o,p-DDT	3800	NG/KG	ND	ND	ND	ND	ND
Heptachlor	5700	NG/KG	NR	NR	NR	NR	NR
Heptachlor epoxide	5700	NG/KG	NR	NR	NR	NR	NR
Alpha (cis) Chlordane	5700	NG/KG	ND	ND	ND	ND	ND
Gamma (trans) Chlordane	3800	NG/KG	ND	ND	ND	ND	ND
Alpha Chlordene		NG/KG	NR	NR	NR	NR	NR
Gamma Chlordene		NG/KG	NR	NR	NR	NR	NR
Oxychlordane	5700	NG/KG	ND	ND	ND	ND	ND
Trans Nonachlor		NG/KG	NR	NR	NR	NR	NR
Cis Nonachlor		NG/KG	NR	NR	NR	NR	NR
Alpha Endosulfan		NG/KG	NR	NR	NR	NR	NR
Beta Endosulfan		NG/KG	NR	NR	NR	NR	NR
Endosulfan Sulfate		NG/KG	NR	NR	NR	NR	NR
Endrin		NG/KG	NR	NR	NR	NR	NR
Endrin aldehyde		NG/KG	NR	NR	NR	NR	NR
Mirex		NG/KG	NR	NR	NR	NR	NR
Methoxychlor		NG/KG	NR	NR	NR	NR	NR
Aldrin + Dieldrin		NG/KG	NR	NR	NR	NR	NR
Hexachlorocyclohexanes		NG/KG	NR	NR	NR	NR	NR
DDT and derivatives	11000	NG/KG	0	0	E280	0	0
Chlordane + related cmpds.	5700	NG/KG	0	0	0	0	0
Chlorinated Hydrocarbons	11000	NG/KG	0	0	E280	0	0

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SEDIMENT MAPPING PROJECT
Chlorinated Pesticide Analysis

From 01-JUL-2004 To 01-SEP-2004

Analyte	MDL	Units	SM038 09-AUG-2004 P267958	SM039 09-AUG-2004 P267960	SM040 09-AUG-2004 P267964	SM041 09-AUG-2004 P267962	SM042 09-AUG-2004 P267961
Aldrin		NG/KG	NR	NR	NR	NR	NR
Dieldrin		NG/KG	NR	NR	NR	NR	NR
BHC, Alpha isomer		NG/KG	NR	NR	NR	NR	NR
BHC, Beta isomer		NG/KG	NR	NR	NR	NR	NR
BHC, Gamma isomer		NG/KG	NR	NR	NR	NR	NR
BHC, Delta isomer		NG/KG	NR	NR	NR	NR	NR
p,p-DDD	3800	NG/KG	ND	ND	ND	ND	ND
p,p-DDE	3800	NG/KG	ND	ND	ND	ND	ND
p,-p-DDMU		NG/KG	ND	ND	ND	ND	ND
p,p-DDT	11000	NG/KG	ND	ND	ND	ND	ND
o,p-DDD	5700	NG/KG	ND	ND	ND	ND	ND
o,p-DDE	5700	NG/KG	ND	ND	ND	ND	ND
o,p-DDT	3800	NG/KG	ND	ND	ND	ND	ND
Heptachlor	5700	NG/KG	NR	NR	NR	NR	NR
Heptachlor epoxide	5700	NG/KG	NR	NR	NR	NR	NR
Alpha (cis) Chlordane	5700	NG/KG	ND	ND	ND	ND	ND
Gamma (trans) Chlordane	3800	NG/KG	ND	ND	ND	ND	ND
Alpha Chlordene		NG/KG	NR	NR	NR	NR	NR
Gamma Chlordene		NG/KG	NR	NR	NR	NR	NR
Oxychlordane	5700	NG/KG	ND	ND	ND	ND	ND
Trans Nonachlor		NG/KG	NR	NR	NR	NR	NR
Cis Nonachlor		NG/KG	NR	NR	NR	NR	NR
Alpha Endosulfan		NG/KG	NR	NR	NR	NR	NR
Beta Endosulfan		NG/KG	NR	NR	NR	NR	NR
Endosulfan Sulfate		NG/KG	NR	NR	NR	NR	NR
Endrin		NG/KG	NR	NR	NR	NR	NR
Endrin aldehyde		NG/KG	NR	NR	NR	NR	NR
Mirex		NG/KG	NR	NR	NR	NR	NR
Methoxychlor		NG/KG	NR	NR	NR	NR	NR
Aldrin + Dieldrin		NG/KG	NR	NR	NR	NR	NR
Hexachlorocyclohexanes		NG/KG	NR	NR	NR	NR	NR
DDT and derivatives	11000	NG/KG	0	0	0	0	0
Chlordane + related cmpds.	5700	NG/KG	0	0	0	0	0
Chlorinated Hydrocarbons	11000	NG/KG	0	0	0	0	0

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SEDIMENT MAPPING PROJECT
Chlorinated Pesticide Analysis

From 01-JUL-2004 To 01-SEP-2004

Analyte	MDL	Units	SM043 09-AUG-2004 P267959	SM044 09-AUG-2004 P267957	SM045 09-AUG-2004 P267954	SM046 10-AUG-2004 P268036	SM047 06-AUG-2004 P267464
Aldrin		NG/KG	NR	NR	NR	NR	NR
Dieldrin		NG/KG	NR	NR	NR	NR	NR
BHC, Alpha isomer		NG/KG	NR	NR	NR	NR	NR
BHC, Beta isomer		NG/KG	NR	NR	NR	NR	NR
BHC, Gamma isomer		NG/KG	NR	NR	NR	NR	NR
BHC, Delta isomer		NG/KG	NR	NR	NR	NR	NR
p,p-DDD	3800	NG/KG	ND	ND	ND	ND	ND
p,p-DDE	3800	NG/KG	ND	ND	ND	ND	ND
p,-p-DDMU		NG/KG	ND	ND	ND	ND	ND
p,p-DDT	11000	NG/KG	ND	ND	ND	ND	ND
o,p-DDD	5700	NG/KG	ND	ND	ND	ND	ND
o,p-DDE	5700	NG/KG	ND	ND	ND	ND	ND
o,p-DDT	3800	NG/KG	ND	ND	ND	ND	ND
Heptachlor	5700	NG/KG	NR	NR	NR	NR	NR
Heptachlor epoxide	5700	NG/KG	NR	NR	NR	NR	NR
Alpha (cis) Chlordane	5700	NG/KG	ND	ND	ND	ND	ND
Gamma (trans) Chlordane	3800	NG/KG	ND	ND	ND	ND	ND
Alpha Chlordene		NG/KG	NR	NR	NR	NR	NR
Gamma Chlordene		NG/KG	NR	NR	NR	NR	NR
Oxychlordane	5700	NG/KG	ND	ND	ND	ND	ND
Trans Nonachlor		NG/KG	NR	NR	NR	NR	NR
Cis Nonachlor		NG/KG	NR	NR	NR	NR	NR
Alpha Endosulfan		NG/KG	NR	NR	NR	NR	NR
Beta Endosulfan		NG/KG	NR	NR	NR	NR	NR
Endosulfan Sulfate		NG/KG	NR	NR	NR	NR	NR
Endrin		NG/KG	NR	NR	NR	NR	NR
Endrin aldehyde		NG/KG	NR	NR	NR	NR	NR
Mirex		NG/KG	NR	NR	NR	NR	NR
Methoxychlor		NG/KG	NR	NR	NR	NR	NR
Aldrin + Dieldrin		NG/KG	NR	NR	NR	NR	NR
Hexachlorocyclohexanes		NG/KG	NR	NR	NR	NR	NR
DDT and derivatives	11000	NG/KG	0	0	0	0	0
Chlordane + related cmpds.	5700	NG/KG	0	0	0	0	0
Chlorinated Hydrocarbons	11000	NG/KG	0	0	0	0	0

ND=not detected; NS=not sampled; NA=not analyzed; NR=not required

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SEDIMENT MAPPING PROJECT
Chlorinated Pesticide Analysis

From 01-JUL-2004 To 01-SEP-2004

Analyte	MDL	Units	SM048 09-AUG-2004 P267955	SM049 06-AUG-2004 P267467	SM050 06-AUG-2004 P267469	SM051 02-AUG-2004 P266938	SM052 02-AUG-2004 P266941
Aldrin		NG/KG	NR	NR	NR	NR	NR
Dieldrin		NG/KG	NR	NR	NR	NR	NR
BHC, Alpha isomer		NG/KG	NR	NR	NR	NR	NR
BHC, Beta isomer		NG/KG	NR	NR	NR	NR	NR
BHC, Gamma isomer		NG/KG	NR	NR	NR	NR	NR
BHC, Delta isomer		NG/KG	NR	NR	NR	NR	NR
p,p-DDD	3800	NG/KG	ND	ND	ND	ND	ND
p,p-DDE	3800	NG/KG	ND	ND	ND	ND	ND
p,-p-DDMU		NG/KG	ND	ND	ND	ND	ND
p,p-DDT	11000	NG/KG	ND	ND	ND	ND	ND
o,p-DDD	5700	NG/KG	ND	ND	ND	ND	ND
o,p-DDE	5700	NG/KG	ND	ND	ND	ND	ND
o,p-DDT	3800	NG/KG	ND	ND	ND	ND	ND
Heptachlor	5700	NG/KG	NR	NR	NR	NR	NR
Heptachlor epoxide	5700	NG/KG	NR	NR	NR	NR	NR
Alpha (cis) Chlordane	5700	NG/KG	ND	ND	ND	ND	ND
Gamma (trans) Chlordane	3800	NG/KG	ND	ND	ND	ND	ND
Alpha Chlordene		NG/KG	NR	NR	NR	NR	NR
Gamma Chlordene		NG/KG	NR	NR	NR	NR	NR
Oxychlordane	5700	NG/KG	ND	ND	ND	ND	ND
Trans Nonachlor		NG/KG	NR	NR	NR	NR	NR
Cis Nonachlor		NG/KG	NR	NR	NR	NR	NR
Alpha Endosulfan		NG/KG	NR	NR	NR	NR	NR
Beta Endosulfan		NG/KG	NR	NR	NR	NR	NR
Endosulfan Sulfate		NG/KG	NR	NR	NR	NR	NR
Endrin		NG/KG	NR	NR	NR	NR	NR
Endrin aldehyde		NG/KG	NR	NR	NR	NR	NR
Mirex		NG/KG	NR	NR	NR	NR	NR
Methoxychlor		NG/KG	NR	NR	NR	NR	NR
Aldrin + Dieldrin		NG/KG	NR	NR	NR	NR	NR
Hexachlorocyclohexanes		NG/KG	NR	NR	NR	NR	NR
DDT and derivatives	11000	NG/KG	0	0	0	0	0
Chlordane + related cmpds.	5700	NG/KG	0	0	0	0	0
Chlorinated Hydrocarbons	11000	NG/KG	0	0	0	0	0

ND=not detected; NS=not sampled; NA=not analyzed; NR=not required

E=estimated value, value is less than the Method Detection Limit but confirmed by GC/MS-MS

SEDIMENT MAPPING PROJECT
Chlorinated Pesticide Analysis

From 01-JUL-2004 To 01-SEP-2004

Analyte	MDL	Units	SM053 06-AUG-2004 P267483	SM054 06-AUG-2004 P267471	SM055 06-AUG-2004 P267485	SM056 06-AUG-2004 P267484	SM057 06-AUG-2004 P267473
Aldrin		NG/KG	NR	NR	NR	NR	NR
Dieldrin		NG/KG	NR	NR	NR	NR	NR
BHC, Alpha isomer		NG/KG	NR	NR	NR	NR	NR
BHC, Beta isomer		NG/KG	NR	NR	NR	NR	NR
BHC, Gamma isomer		NG/KG	NR	NR	NR	NR	NR
BHC, Delta isomer		NG/KG	NR	NR	NR	NR	NR
p,p-DDD	3800	NG/KG	ND	ND	ND	ND	ND
p,p-DDE	3800	NG/KG	ND	ND	ND	ND	ND
p,-p-DDMU		NG/KG	ND	ND	ND	ND	ND
p,p-DDT	11000	NG/KG	ND	ND	ND	ND	ND
o,p-DDD	5700	NG/KG	ND	ND	ND	ND	ND
o,p-DDE	5700	NG/KG	ND	ND	ND	ND	ND
o,p-DDT	3800	NG/KG	ND	ND	ND	ND	ND
Heptachlor	5700	NG/KG	NR	NR	NR	NR	NR
Heptachlor epoxide	5700	NG/KG	NR	NR	NR	NR	NR
Alpha (cis) Chlordane	5700	NG/KG	ND	ND	ND	ND	ND
Gamma (trans) Chlordane	3800	NG/KG	ND	ND	ND	ND	ND
Alpha Chlordene		NG/KG	NR	NR	NR	NR	NR
Gamma Chlordene		NG/KG	NR	NR	NR	NR	NR
Oxychlordane	5700	NG/KG	ND	ND	ND	ND	ND
Trans Nonachlor		NG/KG	NR	NR	NR	NR	NR
Cis Nonachlor		NG/KG	NR	NR	NR	NR	NR
Alpha Endosulfan		NG/KG	NR	NR	NR	NR	NR
Beta Endosulfan		NG/KG	NR	NR	NR	NR	NR
Endosulfan Sulfate		NG/KG	NR	NR	NR	NR	NR
Endrin		NG/KG	NR	NR	NR	NR	NR
Endrin aldehyde		NG/KG	NR	NR	NR	NR	NR
Mirex		NG/KG	NR	NR	NR	NR	NR
Methoxychlor		NG/KG	NR	NR	NR	NR	NR
Aldrin + Dieldrin		NG/KG	NR	NR	NR	NR	NR
Hexachlorocyclohexanes		NG/KG	NR	NR	NR	NR	NR
DDT and derivatives	11000	NG/KG	0	0	0	0	0
Chlordane + related cmpds.	5700	NG/KG	0	0	0	0	0
Chlorinated Hydrocarbons	11000	NG/KG	0	0	0	0	0

ND=not detected; NS=not sampled; NA=not analyzed; NR=not required

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SEDIMENT MAPPING PROJECT
Chlorinated Pesticide Analysis

From 01-JUL-2004 To 01-SEP-2004

Analyte	MDL	Units	SM058 06-AUG-2004 P267472	SM059 06-AUG-2004 P267470	SM060 06-AUG-2004 P267468	SM061 06-AUG-2004 P267465	SM062 06-AUG-2004 P267466
Aldrin		NG/KG	NR	NR	NR	NR	NR
Dieldrin		NG/KG	NR	NR	NR	NR	NR
BHC, Alpha isomer		NG/KG	NR	NR	NR	NR	NR
BHC, Beta isomer		NG/KG	NR	NR	NR	NR	NR
BHC, Gamma isomer		NG/KG	NR	NR	NR	NR	NR
BHC, Delta isomer		NG/KG	NR	NR	NR	NR	NR
p,p-DDD	3800	NG/KG	ND	ND	ND	ND	ND
p,p-DDE	3800	NG/KG	ND	ND	ND	ND	ND
p,-p-DDMU		NG/KG	ND	ND	ND	ND	ND
p,p-DDT	11000	NG/KG	ND	ND	ND	ND	E4400
o,p-DDD	5700	NG/KG	ND	ND	ND	ND	ND
o,p-DDE	5700	NG/KG	ND	ND	ND	ND	ND
o,p-DDT	3800	NG/KG	ND	ND	ND	ND	ND
Heptachlor	5700	NG/KG	NR	NR	NR	NR	NR
Heptachlor epoxide	5700	NG/KG	NR	NR	NR	NR	NR
Alpha (cis) Chlordane	5700	NG/KG	ND	ND	ND	ND	ND
Gamma (trans) Chlordane	3800	NG/KG	ND	ND	ND	ND	ND
Alpha Chlordene		NG/KG	NR	NR	NR	NR	NR
Gamma Chlordene		NG/KG	NR	NR	NR	NR	NR
Oxychlordane	5700	NG/KG	ND	ND	ND	ND	ND
Trans Nonachlor		NG/KG	NR	NR	NR	NR	NR
Cis Nonachlor		NG/KG	NR	NR	NR	NR	NR
Alpha Endosulfan		NG/KG	NR	NR	NR	NR	NR
Beta Endosulfan		NG/KG	NR	NR	NR	NR	NR
Endosulfan Sulfate		NG/KG	NR	NR	NR	NR	NR
Endrin		NG/KG	NR	NR	NR	NR	NR
Endrin aldehyde		NG/KG	NR	NR	NR	NR	NR
Mirex		NG/KG	NR	NR	NR	NR	NR
Methoxychlor		NG/KG	NR	NR	NR	NR	NR
Aldrin + Dieldrin		NG/KG	NR	NR	NR	NR	NR
Hexachlorocyclohexanes		NG/KG	NR	NR	NR	NR	NR
DDT and derivatives	11000	NG/KG	0	0	0	0	E4400
Chlordane + related cmpds.	5700	NG/KG	0	0	0	0	0
Chlorinated Hydrocarbons	11000	NG/KG	0	0	0	0	E4400

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SEDIMENT MAPPING PROJECT
Chlorinated Pesticide Analysis

From 01-JUL-2004 To 01-SEP-2004

Analyte	MDL	Units	SM063 02-AUG-2004 P266943	SM064 02-AUG-2004 P266951	SM065 02-AUG-2004 P266945	SM066 02-AUG-2004 P266953	SM067 02-AUG-2004 P266952
Aldrin		NG/KG	NR	NR	NR	NR	NR
Dieldrin		NG/KG	NR	NR	NR	NR	NR
BHC, Alpha isomer		NG/KG	NR	NR	NR	NR	NR
BHC, Beta isomer		NG/KG	NR	NR	NR	NR	NR
BHC, Gamma isomer		NG/KG	NR	NR	NR	NR	NR
BHC, Delta isomer		NG/KG	NR	NR	NR	NR	NR
p,p-DDD	3800	NG/KG	ND	ND	ND	ND	ND
p,p-DDE	3800	NG/KG	E530	ND	ND	ND	ND
p,-p-DDMU		NG/KG	ND	ND	ND	ND	ND
p,p-DDT	11000	NG/KG	ND	ND	ND	ND	ND
o,p-DDD	5700	NG/KG	ND	ND	ND	ND	ND
o,p-DDE	5700	NG/KG	ND	ND	ND	ND	ND
o,p-DDT	3800	NG/KG	ND	ND	ND	ND	ND
Heptachlor	5700	NG/KG	NR	NR	NR	NR	NR
Heptachlor epoxide	5700	NG/KG	NR	NR	NR	NR	NR
Alpha (cis) Chlordane	5700	NG/KG	ND	ND	ND	ND	ND
Gamma (trans) Chlordane	3800	NG/KG	ND	ND	ND	ND	ND
Alpha Chlordene		NG/KG	NR	NR	NR	NR	NR
Gamma Chlordene		NG/KG	NR	NR	NR	NR	NR
Oxychlordane	5700	NG/KG	ND	ND	ND	ND	ND
Trans Nonachlor		NG/KG	NR	NR	NR	NR	NR
Cis Nonachlor		NG/KG	NR	NR	NR	NR	NR
Alpha Endosulfan		NG/KG	NR	NR	NR	NR	NR
Beta Endosulfan		NG/KG	NR	NR	NR	NR	NR
Endosulfan Sulfate		NG/KG	NR	NR	NR	NR	NR
Endrin		NG/KG	NR	NR	NR	NR	NR
Endrin aldehyde		NG/KG	NR	NR	NR	NR	NR
Mirex		NG/KG	NR	NR	NR	NR	NR
Methoxychlor		NG/KG	NR	NR	NR	NR	NR
Aldrin + Dieldrin		NG/KG	NR	NR	NR	NR	NR
Hexachlorocyclohexanes		NG/KG	NR	NR	NR	NR	NR
DDT and derivatives	11000	NG/KG	E530	0	0	0	0
Chlordane + related cmpds.	5700	NG/KG	0	0	0	0	0
Chlorinated Hydrocarbons	11000	NG/KG	E530	0	0	0	0

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SEDIMENT MAPPING PROJECT
Chlorinated Pesticide Analysis

From 01-JUL-2004 To 01-SEP-2004

Analyte	MDL	Units	SM068 02-AUG-2004 P266947	SM069 02-AUG-2004 P266946	SM070 29-JUL-2004 P266335	SM071 29-JUL-2004 P266338	SM072 02-AUG-2004 P266944
Aldrin		NG/KG	NR	NR	NR	NR	NR
Dieldrin		NG/KG	NR	NR	NR	NR	NR
BHC, Alpha isomer		NG/KG	NR	NR	NR	NR	NR
BHC, Beta isomer		NG/KG	NR	NR	NR	NR	NR
BHC, Gamma isomer		NG/KG	NR	NR	NR	NR	NR
BHC, Delta isomer		NG/KG	NR	NR	NR	NR	NR
p,p-DDD	3800	NG/KG	ND	ND	ND	ND	ND
p,p-DDE	3800	NG/KG	ND	ND	ND	ND	ND
p,-p-DDMU		NG/KG	ND	ND	ND	ND	ND
p,p-DDT	11000	NG/KG	ND	ND	ND	ND	ND
o,p-DDD	5700	NG/KG	ND	ND	ND	ND	ND
o,p-DDE	5700	NG/KG	ND	ND	ND	ND	ND
o,p-DDT	3800	NG/KG	ND	ND	ND	ND	ND
Heptachlor	5700	NG/KG	NR	NR	NR	NR	NR
Heptachlor epoxide	5700	NG/KG	NR	NR	NR	NR	NR
Alpha (cis) Chlordane	5700	NG/KG	ND	ND	ND	ND	ND
Gamma (trans) Chlordane	3800	NG/KG	ND	ND	ND	ND	ND
Alpha Chlordene		NG/KG	NR	NR	NR	NR	NR
Gamma Chlordene		NG/KG	NR	NR	NR	NR	NR
Oxychlordane	5700	NG/KG	ND	ND	ND	ND	ND
Trans Nonachlor		NG/KG	NR	NR	NR	NR	NR
Cis Nonachlor		NG/KG	NR	NR	NR	NR	NR
Alpha Endosulfan		NG/KG	NR	NR	NR	NR	NR
Beta Endosulfan		NG/KG	NR	NR	NR	NR	NR
Endosulfan Sulfate		NG/KG	NR	NR	NR	NR	NR
Endrin		NG/KG	NR	NR	NR	NR	NR
Endrin aldehyde		NG/KG	NR	NR	NR	NR	NR
Mirex		NG/KG	NR	NR	NR	NR	NR
Methoxychlor		NG/KG	NR	NR	NR	NR	NR
Aldrin + Dieldrin		NG/KG	NR	NR	NR	NR	NR
Hexachlorocyclohexanes		NG/KG	NR	NR	NR	NR	NR
DDT and derivatives	11000	NG/KG	0	0	0	0	0
Chlordane + related cmpds.	5700	NG/KG	0	0	0	0	0
Chlorinated Hydrocarbons	11000	NG/KG	0	0	0	0	0

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SEDIMENT MAPPING PROJECT
Chlorinated Pesticide Analysis

From 01-JUL-2004 To 01-SEP-2004

Analyte	MDL	Units	SM073 02-AUG-2004 P266942	SM074 02-AUG-2004 P266939	SM075 02-AUG-2004 P266940	SM076 29-JUL-2004 P266340	SM077 29-JUL-2004 P266354
Aldrin		NG/KG	NR	NR	NR	NR	NR
Dieldrin		NG/KG	NR	NR	NR	NR	NR
BHC, Alpha isomer		NG/KG	NR	NR	NR	NR	NR
BHC, Beta isomer		NG/KG	NR	NR	NR	NR	NR
BHC, Gamma isomer		NG/KG	NR	NR	NR	NR	NR
BHC, Delta isomer		NG/KG	NR	NR	NR	NR	NR
p,p-DDD	3800	NG/KG	ND	ND	ND	ND	ND
p,p-DDE	3800	NG/KG	ND	ND	ND	ND	ND
p,-p-DDMU		NG/KG	ND	ND	ND	ND	ND
p,p-DDT	11000	NG/KG	ND	ND	ND	ND	ND
o,p-DDD	5700	NG/KG	ND	ND	ND	ND	ND
o,p-DDE	5700	NG/KG	ND	ND	ND	ND	ND
o,p-DDT	3800	NG/KG	ND	ND	ND	ND	ND
Heptachlor		NG/KG	NR	NR	NR	NR	NR
Heptachlor epoxide		NG/KG	NR	NR	NR	NR	NR
Alpha (cis) Chlordane	5700	NG/KG	ND	ND	ND	ND	ND
Gamma (trans) Chlordane	3800	NG/KG	ND	ND	ND	ND	ND
Alpha Chlordene		NG/KG	NR	NR	NR	NR	NR
Gamma Chlordene		NG/KG	NR	NR	NR	NR	NR
Oxychlordane	5700	NG/KG	ND	ND	ND	ND	ND
Trans Nonachlor		NG/KG	NR	NR	NR	NR	NR
Cis Nonachlor		NG/KG	NR	NR	NR	NR	NR
Alpha Endosulfan		NG/KG	NR	NR	NR	NR	NR
Beta Endosulfan		NG/KG	NR	NR	NR	NR	NR
Endosulfan Sulfate		NG/KG	NR	NR	NR	NR	NR
Endrin		NG/KG	NR	NR	NR	NR	NR
Endrin aldehyde		NG/KG	NR	NR	NR	NR	NR
Mirex		NG/KG	NR	NR	NR	NR	NR
Methoxychlor		NG/KG	NR	NR	NR	NR	NR
Aldrin + Dieldrin		NG/KG	NR	NR	NR	NR	NR
Hexachlorocyclohexanes		NG/KG	NR	NR	NR	NR	NR
DDT and derivatives	11000	NG/KG	0	0	0	0	0
Chlordane + related cmpds.	5700	NG/KG	0	0	0	0	0
Chlorinated Hydrocarbons	11000	NG/KG	0	0	0	0	0

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SEDIMENT MAPPING PROJECT
Chlorinated Pesticide Analysis

From 01-JUL-2004 To 01-SEP-2004

Analyte	MDL	Units	SM078 29-JUL-2004 P266353	SM079 29-JUL-2004 P266352	SM080 29-JUL-2004 P266351	SM081 29-JUL-2004 P266350	SM082 29-JUL-2004 P266342
Aldrin		NG/KG	NR	NR	NR	NR	NR
Dieldrin		NG/KG	NR	NR	NR	NR	NR
BHC, Alpha isomer		NG/KG	NR	NR	NR	NR	NR
BHC, Beta isomer		NG/KG	NR	NR	NR	NR	NR
BHC, Gamma isomer		NG/KG	NR	NR	NR	NR	NR
BHC, Delta isomer		NG/KG	NR	NR	NR	NR	NR
p,p-DDD	3800	NG/KG	ND	ND	ND	ND	ND
p,p-DDE	3800	NG/KG	ND	ND	ND	ND	ND
p,-p-DDMU		NG/KG	ND	ND	ND	ND	ND
p,p-DDT	11000	NG/KG	ND	ND	ND	ND	ND
o,p-DDD	5700	NG/KG	ND	ND	ND	ND	ND
o,p-DDE	5700	NG/KG	ND	ND	ND	ND	ND
o,p-DDT	3800	NG/KG	ND	ND	ND	ND	ND
Heptachlor		NG/KG	NR	NR	NR	NR	NR
Heptachlor epoxide		NG/KG	NR	NR	NR	NR	NR
Alpha (cis) Chlordane	5700	NG/KG	ND	ND	ND	ND	ND
Gamma (trans) Chlordane	3800	NG/KG	ND	ND	ND	ND	ND
Alpha Chlordene		NG/KG	NR	NR	NR	NR	NR
Gamma Chlordene		NG/KG	NR	NR	NR	NR	NR
Oxychlordane	5700	NG/KG	ND	ND	ND	ND	ND
Trans Nonachlor		NG/KG	NR	NR	NR	NR	NR
Cis Nonachlor		NG/KG	NR	NR	NR	NR	NR
Alpha Endosulfan		NG/KG	NR	NR	NR	NR	NR
Beta Endosulfan		NG/KG	NR	NR	NR	NR	NR
Endosulfan Sulfate		NG/KG	NR	NR	NR	NR	NR
Endrin		NG/KG	NR	NR	NR	NR	NR
Endrin aldehyde		NG/KG	NR	NR	NR	NR	NR
Mirex		NG/KG	NR	NR	NR	NR	NR
Methoxychlor		NG/KG	NR	NR	NR	NR	NR
Aldrin + Dieldrin		NG/KG	NR	NR	NR	NR	NR
Hexachlorocyclohexanes		NG/KG	NR	NR	NR	NR	NR
DDT and derivatives	11000	NG/KG	0	0	0	0	0
Chlordane + related cmpds.	5700	NG/KG	0	0	0	0	0
Chlorinated Hydrocarbons	11000	NG/KG	0	0	0	0	0

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SEDIMENT MAPPING PROJECT
Chlorinated Pesticide Analysis

From 01-JUL-2004 To 01-SEP-2004

Analyte	MDL	Units	SM083 29-JUL-2004 P266344	SM084 29-JUL-2004 P266343	SM085 29-JUL-2004 P266341	SM086 29-JUL-2004 P266339	SM087 29-JUL-2004 P266336
Aldrin		NG/KG	NR	NR	NR	NR	NR
Dieldrin		NG/KG	NR	NR	NR	NR	NR
BHC, Alpha isomer		NG/KG	NR	NR	NR	NR	NR
BHC, Beta isomer		NG/KG	NR	NR	NR	NR	NR
BHC, Gamma isomer		NG/KG	NR	NR	NR	NR	NR
BHC, Delta isomer		NG/KG	NR	NR	NR	NR	NR
p,p-DDD	3800	NG/KG	ND	ND	ND	ND	ND
p,p-DDE	3800	NG/KG	ND	E820	ND	E850	E710
p,-p-DDMU		NG/KG	ND	ND	ND	ND	ND
p,p-DDT	11000	NG/KG	ND	ND	ND	ND	ND
o,p-DDD	5700	NG/KG	ND	ND	ND	ND	ND
o,p-DDE	5700	NG/KG	ND	ND	ND	ND	ND
o,p-DDT	3800	NG/KG	ND	ND	ND	ND	ND
Heptachlor		NG/KG	NR	NR	NR	NR	NR
Heptachlor epoxide		NG/KG	NR	NR	NR	NR	NR
Alpha (cis) Chlordane	5700	NG/KG	ND	ND	ND	ND	ND
Gamma (trans) Chlordane	3800	NG/KG	ND	ND	ND	ND	ND
Alpha Chlordene		NG/KG	NR	NR	NR	NR	NR
Gamma Chlordene		NG/KG	NR	NR	NR	NR	NR
Oxychlordane	5700	NG/KG	ND	ND	ND	ND	ND
Trans Nonachlor		NG/KG	NR	NR	NR	NR	NR
Cis Nonachlor		NG/KG	NR	NR	NR	NR	NR
Alpha Endosulfan		NG/KG	NR	NR	NR	NR	NR
Beta Endosulfan		NG/KG	NR	NR	NR	NR	NR
Endosulfan Sulfate		NG/KG	NR	NR	NR	NR	NR
Endrin		NG/KG	NR	NR	NR	NR	NR
Endrin aldehyde		NG/KG	NR	NR	NR	NR	NR
Mirex		NG/KG	NR	NR	NR	NR	NR
Methoxychlor		NG/KG	NR	NR	NR	NR	NR
Aldrin + Dieldrin		NG/KG	NR	NR	NR	NR	NR
Hexachlorocyclohexanes		NG/KG	NR	NR	NR	NR	NR
DDT and derivatives	11000	NG/KG	0	E820	0	E850	E710
Chlordane + related cmpds.	5700	NG/KG	0	0	0	0	0
Chlorinated Hydrocarbons	11000	NG/KG	0	E820	0	E850	E710

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SEDIMENT MAPPING PROJECT
Chlorinated Pesticide Analysis

From 01-JUL-2004 To 01-SEP-2004

Analyte	MDL	Units	SM088 29-JUL-2004 P266337	SM089 28-JUL-2004 P266100	SM091 28-JUL-2004 P266103	SM092 28-JUL-2004 P266105	SM093 28-JUL-2004 P266107
Aldrin		NG/KG	NR	NR	NR	NR	NR
Dieldrin		NG/KG	NR	NR	NR	NR	NR
BHC, Alpha isomer		NG/KG	NR	NR	NR	NR	NR
BHC, Beta isomer		NG/KG	NR	NR	NR	NR	NR
BHC, Gamma isomer		NG/KG	NR	NR	NR	NR	NR
BHC, Delta isomer		NG/KG	NR	NR	NR	NR	NR
p,p-DDD	3800	NG/KG	ND	ND	ND	ND	ND
p,p-DDE	3800	NG/KG	ND	ND	ND	ND	ND
p,-p-DDMU		NG/KG	ND	ND	ND	ND	ND
p,p-DDT	11000	NG/KG	ND	ND	ND	ND	ND
o,p-DDD	5700	NG/KG	ND	ND	ND	ND	ND
o,p-DDE	5700	NG/KG	ND	ND	ND	ND	ND
o,p-DDT	3800	NG/KG	ND	ND	ND	ND	ND
Heptachlor		NG/KG	NR	NR	NR	NR	NR
Heptachlor epoxide		NG/KG	NR	NR	NR	NR	NR
Alpha (cis) Chlordane	5700	NG/KG	ND	ND	ND	ND	ND
Gamma (trans) Chlordane	3800	NG/KG	ND	ND	ND	ND	ND
Alpha Chlordene		NG/KG	NR	NR	NR	NR	NR
Gamma Chlordene		NG/KG	NR	NR	NR	NR	NR
Oxychlordane	5700	NG/KG	ND	ND	ND	ND	ND
Trans Nonachlor		NG/KG	NR	NR	NR	NR	NR
Cis Nonachlor		NG/KG	NR	NR	NR	NR	NR
Alpha Endosulfan		NG/KG	NR	NR	NR	NR	NR
Beta Endosulfan		NG/KG	NR	NR	NR	NR	NR
Endosulfan Sulfate		NG/KG	NR	NR	NR	NR	NR
Endrin		NG/KG	NR	NR	NR	NR	NR
Endrin aldehyde		NG/KG	NR	NR	NR	NR	NR
Mirex		NG/KG	NR	NR	NR	NR	NR
Methoxychlor		NG/KG	NR	NR	NR	NR	NR
Aldrin + Dieldrin		NG/KG	NR	NR	NR	NR	NR
Hexachlorocyclohexanes		NG/KG	NR	NR	NR	NR	NR
DDT and derivatives	11000	NG/KG	0	0	0	0	0
Chlordane + related cmpds.	5700	NG/KG	0	0	0	0	0
Chlorinated Hydrocarbons	11000	NG/KG	0	0	0	0	0

ND=not detected; NS=not sampled; NA=not analyzed; NR=not required

E=estimated value, value is less than the Method Detection Limit but confirmed by GC/MS-MS

SEDIMENT MAPPING PROJECT
Chlorinated Pesticide Analysis

From 01-JUL-2004 To 01-SEP-2004

Analyte	MDL	Units	SM094 28-JUL-2004 P266111	SM095 28-JUL-2004 P266109	SM096 28-JUL-2004 P266108	SM097 28-JUL-2004 P266106	SM098 28-JUL-2004 P266104
Aldrin		NG/KG	NR	NR	NR	NR	NR
Dieldrin		NG/KG	NR	NR	NR	NR	NR
BHC, Alpha isomer		NG/KG	NR	NR	NR	NR	NR
BHC, Beta isomer		NG/KG	NR	NR	NR	NR	NR
BHC, Gamma isomer		NG/KG	NR	NR	NR	NR	NR
BHC, Delta isomer		NG/KG	NR	NR	NR	NR	NR
p,p-DDD	3800	NG/KG	ND	ND	ND	ND	ND
p,p-DDE	3800	NG/KG	ND	ND	ND	ND	ND
p,-p-DDMU		NG/KG	ND	ND	ND	ND	ND
p,p-DDT	11000	NG/KG	ND	ND	ND	ND	ND
o,p-DDD	5700	NG/KG	ND	ND	ND	ND	ND
o,p-DDE	5700	NG/KG	ND	ND	ND	ND	ND
o,p-DDT	3800	NG/KG	ND	ND	ND	ND	ND
Heptachlor		NG/KG	NR	NR	NR	NR	NR
Heptachlor epoxide		NG/KG	NR	NR	NR	NR	NR
Alpha (cis) Chlordane	5700	NG/KG	ND	ND	ND	ND	ND
Gamma (trans) Chlordane	3800	NG/KG	ND	ND	ND	ND	ND
Alpha Chlordene		NG/KG	NR	NR	NR	NR	NR
Gamma Chlordene		NG/KG	NR	NR	NR	NR	NR
Oxychlordane	5700	NG/KG	ND	ND	ND	ND	ND
Trans Nonachlor		NG/KG	NR	NR	NR	NR	NR
Cis Nonachlor		NG/KG	NR	NR	NR	NR	NR
Alpha Endosulfan		NG/KG	NR	NR	NR	NR	NR
Beta Endosulfan		NG/KG	NR	NR	NR	NR	NR
Endosulfan Sulfate		NG/KG	NR	NR	NR	NR	NR
Endrin		NG/KG	NR	NR	NR	NR	NR
Endrin aldehyde		NG/KG	NR	NR	NR	NR	NR
Mirex		NG/KG	NR	NR	NR	NR	NR
Methoxychlor		NG/KG	NR	NR	NR	NR	NR
Aldrin + Dieldrin		NG/KG	NR	NR	NR	NR	NR
Hexachlorocyclohexanes		NG/KG	NR	NR	NR	NR	NR
DDT and derivatives	11000	NG/KG	0	0	0	0	0
Chlordane + related cmpds.	5700	NG/KG	0	0	0	0	0
Chlorinated Hydrocarbons	11000	NG/KG	0	0	0	0	0

ND=not detected; NS=not sampled; NA=not analyzed; NR=not required

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SEDIMENT MAPPING PROJECT
Chlorinated Pesticide Analysis

From 01-JUL-2004 To 01-SEP-2004

Analyte	MDL	Units	SM099 28-JUL-2004 P266101	SM100 28-JUL-2004 P266102	SM101 27-JUL-2004 P266019	SM102 27-JUL-2004 P266022	SM103 27-JUL-2004 P266024
Aldrin		NG/KG	NR	NR	NR	NR	NR
Dieldrin		NG/KG	NR	NR	NR	NR	NR
BHC, Alpha isomer		NG/KG	NR	NR	NR	NR	NR
BHC, Beta isomer		NG/KG	NR	NR	NR	NR	NR
BHC, Gamma isomer		NG/KG	NR	NR	NR	NR	NR
BHC, Delta isomer		NG/KG	NR	NR	NR	NR	NR
p,p-DDD	3800	NG/KG	ND	ND	ND	ND	ND
p,p-DDE	3800	NG/KG	ND	ND	ND	ND	ND
p,-p-DDMU		NG/KG	ND	ND	ND	ND	ND
p,p-DDT	11000	NG/KG	ND	ND	ND	ND	ND
o,p-DDD	5700	NG/KG	ND	ND	ND	ND	ND
o,p-DDE	5700	NG/KG	ND	ND	ND	ND	ND
o,p-DDT	3800	NG/KG	ND	ND	ND	ND	ND
Heptachlor		NG/KG	NR	NR	NR	NR	NR
Heptachlor epoxide		NG/KG	NR	NR	NR	NR	NR
Alpha (cis) Chlordane	5700	NG/KG	ND	ND	ND	ND	ND
Gamma (trans) Chlordane	3800	NG/KG	ND	ND	ND	ND	ND
Alpha Chlordene		NG/KG	NR	NR	NR	NR	NR
Gamma Chlordene		NG/KG	NR	NR	NR	NR	NR
Oxychlordane	5700	NG/KG	ND	ND	ND	ND	ND
Trans Nonachlor		NG/KG	NR	NR	NR	NR	NR
Cis Nonachlor		NG/KG	NR	NR	NR	NR	NR
Alpha Endosulfan		NG/KG	NR	NR	NR	NR	NR
Beta Endosulfan		NG/KG	NR	NR	NR	NR	NR
Endosulfan Sulfate		NG/KG	NR	NR	NR	NR	NR
Endrin		NG/KG	NR	NR	NR	NR	NR
Endrin aldehyde		NG/KG	NR	NR	NR	NR	NR
Mirex		NG/KG	NR	NR	NR	NR	NR
Methoxychlor		NG/KG	NR	NR	NR	NR	NR
Aldrin + Dieldrin		NG/KG	NR	NR	NR	NR	NR
Hexachlorocyclohexanes		NG/KG	NR	NR	NR	NR	NR
DDT and derivatives	11000	NG/KG	0	0	0	0	0
Chlordane + related cmpds.	5700	NG/KG	0	0	0	0	0
Chlorinated Hydrocarbons	11000	NG/KG	0	0	0	0	0

ND=not detected; NS=not sampled; NA=not analyzed; NR=not required

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SEDIMENT MAPPING PROJECT
Chlorinated Pesticide Analysis

From 01-JUL-2004 To 01-SEP-2004

Analyte	MDL	Units	SM104 27-JUL-2004 P266026	SM105 27-JUL-2004 P266028	SM106 27-JUL-2004 P266027	SM107 27-JUL-2004 P266025	SM109 27-JUL-2004 P266023
Aldrin		NG/KG	NR	NR	NR	NR	NR
Dieldrin		NG/KG	NR	NR	NR	NR	NR
BHC, Alpha isomer		NG/KG	NR	NR	NR	NR	NR
BHC, Beta isomer		NG/KG	NR	NR	NR	NR	NR
BHC, Gamma isomer		NG/KG	NR	NR	NR	NR	NR
BHC, Delta isomer		NG/KG	NR	NR	NR	NR	NR
p,p-DDD	3800	NG/KG	ND	ND	ND	ND	ND
p,p-DDE	3800	NG/KG	ND	ND	5000	ND	ND
p,-p-DDMU		NG/KG	ND	ND	ND	ND	ND
p,p-DDT	11000	NG/KG	ND	ND	ND	ND	ND
o,p-DDD	5700	NG/KG	ND	ND	ND	ND	ND
o,p-DDE	5700	NG/KG	ND	ND	ND	ND	ND
o,p-DDT	3800	NG/KG	ND	ND	ND	ND	ND
Heptachlor		NG/KG	NR	NR	NR	NR	NR
Heptachlor epoxide		NG/KG	NR	NR	NR	NR	NR
Alpha (cis) Chlordane	5700	NG/KG	ND	ND	ND	ND	ND
Gamma (trans) Chlordane	3800	NG/KG	ND	ND	ND	ND	ND
Alpha Chlordene		NG/KG	NR	NR	NR	NR	NR
Gamma Chlordene		NG/KG	NR	NR	NR	NR	NR
Oxychlordane	5700	NG/KG	ND	ND	ND	ND	ND
Trans Nonachlor		NG/KG	NR	NR	NR	NR	NR
Cis Nonachlor		NG/KG	NR	NR	NR	NR	NR
Alpha Endosulfan		NG/KG	NR	NR	NR	NR	NR
Beta Endosulfan		NG/KG	NR	NR	NR	NR	NR
Endosulfan Sulfate		NG/KG	NR	NR	NR	NR	NR
Endrin		NG/KG	NR	NR	NR	NR	NR
Endrin aldehyde		NG/KG	NR	NR	NR	NR	NR
Mirex		NG/KG	NR	NR	NR	NR	NR
Methoxychlor		NG/KG	NR	NR	NR	NR	NR
Aldrin + Dieldrin		NG/KG	NR	NR	NR	NR	NR
Hexachlorocyclohexanes		NG/KG	NR	NR	NR	NR	NR
DDT and derivatives	11000	NG/KG	0	0	5000	0	0
Chlordane + related cmpds.	5700	NG/KG	0	0	0	0	0
Chlorinated Hydrocarbons	11000	NG/KG	0	0	5000	0	0

ND=not detected; NS=not sampled; NA=not analyzed; NR=not required

E=estimated value, value is less than the Method Detection Limit but confirmed by GC/MS-MS

SEDIMENT MAPPING PROJECT
Chlorinated Pesticide Analysis

From 01-JUL-2004 To 01-SEP-2004

Analyte	MDL	Units	SM110 27-JUL-2004 P266020	SM111 27-JUL-2004 P266021	SM112 22-JUL-2004 P265515	SM113 22-JUL-2004 P265518	SM114 22-JUL-2004 P265520
Aldrin		NG/KG	NR	NR	NR	NR	NR
Dieldrin		NG/KG	NR	NR	NR	NR	NR
BHC, Alpha isomer		NG/KG	NR	NR	NR	NR	NR
BHC, Beta isomer		NG/KG	NR	NR	NR	NR	NR
BHC, Gamma isomer		NG/KG	NR	NR	NR	NR	NR
BHC, Delta isomer		NG/KG	NR	NR	NR	NR	NR
p,p-DDD	3800	NG/KG	ND	ND	ND	ND	ND
p,p-DDE	3800	NG/KG	ND	ND	ND	ND	ND
p,-p-DDMU		NG/KG	ND	ND	ND	ND	ND
p,p-DDT	11000	NG/KG	ND	ND	ND	ND	ND
o,p-DDD	5700	NG/KG	ND	ND	ND	ND	ND
o,p-DDE	5700	NG/KG	ND	ND	ND	ND	ND
o,p-DDT	3800	NG/KG	ND	ND	ND	ND	ND
Heptachlor		NG/KG	NR	NR	NR	NR	NR
Heptachlor epoxide		NG/KG	NR	NR	NR	NR	NR
Alpha (cis) Chlordane	5700	NG/KG	ND	ND	ND	ND	ND
Gamma (trans) Chlordane	3800	NG/KG	ND	ND	ND	ND	ND
Alpha Chlordene		NG/KG	NR	NR	NR	NR	NR
Gamma Chlordene		NG/KG	NR	NR	NR	NR	NR
Oxychlordane	5700	NG/KG	ND	ND	ND	ND	ND
Trans Nonachlor		NG/KG	NR	NR	NR	NR	NR
Cis Nonachlor		NG/KG	NR	NR	NR	NR	NR
Alpha Endosulfan		NG/KG	NR	NR	NR	NR	NR
Beta Endosulfan		NG/KG	NR	NR	NR	NR	NR
Endosulfan Sulfate		NG/KG	NR	NR	NR	NR	NR
Endrin		NG/KG	NR	NR	NR	NR	NR
Endrin aldehyde		NG/KG	NR	NR	NR	NR	NR
Mirex		NG/KG	NR	NR	NR	NR	NR
Methoxychlor		NG/KG	NR	NR	NR	NR	NR
Aldrin + Dieldrin		NG/KG	NR	NR	NR	NR	NR
Hexachlorocyclohexanes		NG/KG	NR	NR	NR	NR	NR
DDT and derivatives	11000	NG/KG	0	0	0	0	0
Chlordane + related cmpds.	5700	NG/KG	0	0	0	0	0
Chlorinated Hydrocarbons	11000	NG/KG	0	0	0	0	0

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SEDIMENT MAPPING PROJECT
Chlorinated Pesticide Analysis

From 01-JUL-2004 To 01-SEP-2004

Analyte	MDL	Units	SM115 22-JUL-2004 P265528	SM116 22-JUL-2004 P265522	SM117 22-JUL-2004 P265530	SM118 22-JUL-2004 P265529	SM119 22-JUL-2004 P265524
Aldrin		NG/KG	NR	NR	NR	NR	NR
Dieldrin		NG/KG	NR	NR	NR	NR	NR
BHC, Alpha isomer		NG/KG	NR	NR	NR	NR	NR
BHC, Beta isomer		NG/KG	NR	NR	NR	NR	NR
BHC, Gamma isomer		NG/KG	NR	NR	NR	NR	NR
BHC, Delta isomer		NG/KG	NR	NR	NR	NR	NR
p,p-DDD	3800	NG/KG	ND	ND	ND	ND	ND
p,p-DDE	3800	NG/KG	ND	ND	ND	ND	ND
p,-p-DDMU		NG/KG	ND	ND	ND	ND	ND
p,p-DDT	11000	NG/KG	ND	ND	ND	ND	ND
o,p-DDD	5700	NG/KG	ND	ND	ND	ND	ND
o,p-DDE	5700	NG/KG	ND	ND	ND	ND	ND
o,p-DDT	3800	NG/KG	ND	ND	ND	ND	ND
Heptachlor		NG/KG	NR	NR	NR	NR	NR
Heptachlor epoxide		NG/KG	NR	NR	NR	NR	NR
Alpha (cis) Chlordane	5700	NG/KG	ND	ND	ND	ND	ND
Gamma (trans) Chlordane	3800	NG/KG	ND	ND	ND	ND	ND
Alpha Chlordene		NG/KG	NR	NR	NR	NR	NR
Gamma Chlordene		NG/KG	NR	NR	NR	NR	NR
Oxychlordane	5700	NG/KG	ND	ND	ND	ND	ND
Trans Nonachlor		NG/KG	NR	NR	NR	NR	NR
Cis Nonachlor		NG/KG	NR	NR	NR	NR	NR
Alpha Endosulfan		NG/KG	NR	NR	NR	NR	NR
Beta Endosulfan		NG/KG	NR	NR	NR	NR	NR
Endosulfan Sulfate		NG/KG	NR	NR	NR	NR	NR
Endrin		NG/KG	NR	NR	NR	NR	NR
Endrin aldehyde		NG/KG	NR	NR	NR	NR	NR
Mirex		NG/KG	NR	NR	NR	NR	NR
Methoxychlor		NG/KG	NR	NR	NR	NR	NR
Aldrin + Dieldrin		NG/KG	NR	NR	NR	NR	NR
Hexachlorocyclohexanes		NG/KG	NR	NR	NR	NR	NR
DDT and derivatives	11000	NG/KG	0	0	0	0	0
Chlordane + related cmpds.	5700	NG/KG	0	0	0	0	0
Chlorinated Hydrocarbons	11000	NG/KG	0	0	0	0	0

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SEDIMENT MAPPING PROJECT
Chlorinated Pesticide Analysis

From 01-JUL-2004 To 01-SEP-2004

Analyte	MDL	Units	SM120 22-JUL-2004 P265523	SM121 22-JUL-2004 P265521	SM122 21-JUL-2004 P265373
Aldrin		NG/KG	NR	NR	ND
Dieldrin		NG/KG	NR	NR	ND
BHC, Alpha isomer		NG/KG	NR	NR	ND
BHC, Beta isomer		NG/KG	NR	NR	ND
BHC, Gamma isomer		NG/KG	NR	NR	ND
BHC, Delta isomer		NG/KG	NR	NR	ND
p,p-DDD	3800	NG/KG	ND	ND	ND
p,p-DDE	3800	NG/KG	ND	ND	ND
p,-p-DDMU		NG/KG	ND	ND	ND
p,p-DDT	11000	NG/KG	ND	ND	ND
o,p-DDD	5700	NG/KG	ND	ND	ND
o,p-DDE	5700	NG/KG	ND	ND	ND
o,p-DDT	3800	NG/KG	ND	ND	ND
Heptachlor		NG/KG	NR	NR	ND
Heptachlor epoxide		NG/KG	NR	NR	ND
Alpha (cis) Chlordane	5700	NG/KG	ND	ND	ND
Gamma (trans) Chlordane	3800	NG/KG	ND	ND	ND
Alpha Chlordene		NG/KG	NR	NR	NA
Gamma Chlordene		NG/KG	NR	NR	NA
Oxychlordane	5700	NG/KG	ND	ND	ND
Trans Nonachlor		NG/KG	NR	NR	ND
Cis Nonachlor		NG/KG	NR	NR	ND
Alpha Endosulfan		NG/KG	NR	NR	ND
Beta Endosulfan		NG/KG	NR	NR	ND
Endosulfan Sulfate		NG/KG	NR	NR	ND
Endrin		NG/KG	NR	NR	ND
Endrin aldehyde		NG/KG	NR	NR	ND
Mirex		NG/KG	NR	NR	ND
Methoxychlor		NG/KG	NR	NR	ND
Aldrin + Dieldrin		NG/KG	NR	NR	0
Hexachlorocyclohexanes		NG/KG	NR	NR	0
DDT and derivatives	11000	NG/KG	0	0	0
Chlordane + related cmpds.	5700	NG/KG	0	0	0
Chlorinated Hydrocarbons	11000	NG/KG	0	0	0

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SEDIMENT MAPPING PROJECT
Chlorinated Pesticide Analysis

From 01-JUL-2004 To 01-SEP-2004

Analyte	MDL	Units	SM123 21-JUL-2004 P265376	SM124 21-JUL-2004 P265378	SM125 21-JUL-2004 P265390	SM126 21-JUL-2004 P265389	SM127 21-JUL-2004 P265388
Aldrin		NG/KG	ND	ND	ND	ND	NR
Dieldrin		NG/KG	ND	ND	ND	ND	NR
BHC, Alpha isomer		NG/KG	ND	ND	ND	ND	NR
BHC, Beta isomer		NG/KG	ND	ND	ND	ND	NR
BHC, Gamma isomer		NG/KG	ND	ND	ND	ND	NR
BHC, Delta isomer		NG/KG	ND	ND	ND	ND	NR
p,p-DDD	3800	NG/KG	ND	ND	ND	ND	ND
p,p-DDE	3800	NG/KG	ND	E390	ND	ND	ND
p,-p-DDMU		NG/KG	ND	ND	ND	ND	ND
p,p-DDT	11000	NG/KG	ND	ND	ND	ND	ND
o,p-DDD	5700	NG/KG	ND	ND	ND	ND	ND
o,p-DDE	5700	NG/KG	ND	ND	ND	ND	ND
o,p-DDT	3800	NG/KG	ND	ND	ND	ND	ND
Heptachlor		NG/KG	ND	ND	ND	ND	NR
Heptachlor epoxide		NG/KG	ND	ND	ND	ND	NR
Alpha (cis) Chlordane	5700	NG/KG	ND	ND	ND	ND	ND
Gamma (trans) Chlordane	3800	NG/KG	ND	ND	ND	ND	ND
Alpha Chlordene		NG/KG	NA	NA	NA	NA	NR
Gamma Chlordene		NG/KG	NA	NA	NA	NA	NR
Oxychlordane	5700	NG/KG	ND	ND	ND	ND	ND
Trans Nonachlor		NG/KG	ND	ND	ND	ND	NR
Cis Nonachlor		NG/KG	ND	ND	ND	ND	NR
Alpha Endosulfan		NG/KG	ND	ND	ND	ND	NR
Beta Endosulfan		NG/KG	ND	ND	ND	ND	NR
Endosulfan Sulfate		NG/KG	ND	ND	ND	ND	NR
Endrin		NG/KG	ND	ND	ND	ND	NR
Endrin aldehyde		NG/KG	ND	ND	ND	ND	NR
Mirex		NG/KG	ND	ND	ND	ND	NR
Methoxychlor		NG/KG	ND	ND	ND	ND	NR
Aldrin + Dieldrin		NG/KG	0	0	0	0	NR
Hexachlorocyclohexanes		NG/KG	0	0	0	0	NR
DDT and derivatives	11000	NG/KG	0	E390	0	0	0
Chlordane + related cmpds.	5700	NG/KG	0	0	0	0	0
Chlorinated Hydrocarbons	11000	NG/KG	0	E390	0	0	0

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SEDIMENT MAPPING PROJECT
Chlorinated Pesticide Analysis

From 01-JUL-2004 To 01-SEP-2004

Analyte	MDL	Units	SM128 21-JUL-2004 P265387	SM129 21-JUL-2004 P265380	SM130 22-JUL-2004 P265519	SM131 22-JUL-2004 P265516	SM132 22-JUL-2004 P265517
Aldrin		NG/KG	NR	NR	NR	NR	NR
Dieldrin		NG/KG	NR	NR	NR	NR	NR
BHC, Alpha isomer		NG/KG	NR	NR	NR	NR	NR
BHC, Beta isomer		NG/KG	NR	NR	NR	NR	NR
BHC, Gamma isomer		NG/KG	NR	NR	NR	NR	NR
BHC, Delta isomer		NG/KG	NR	NR	NR	NR	NR
p,p-DDD	3800	NG/KG	ND	ND	ND	ND	ND
p,p-DDE	3800	NG/KG	ND	ND	ND	ND	ND
p,-p-DDMU		NG/KG	ND	ND	ND	ND	ND
p,p-DDT	11000	NG/KG	ND	ND	ND	ND	ND
o,p-DDD	5700	NG/KG	ND	ND	ND	ND	ND
o,p-DDE	5700	NG/KG	ND	ND	ND	ND	ND
o,p-DDT	3800	NG/KG	ND	ND	ND	ND	ND
Heptachlor		NG/KG	NR	NR	NR	NR	NR
Heptachlor epoxide		NG/KG	NR	NR	NR	NR	NR
Alpha (cis) Chlordane	5700	NG/KG	ND	ND	ND	ND	ND
Gamma (trans) Chlordane	3800	NG/KG	ND	ND	ND	ND	ND
Alpha Chlordene		NG/KG	NR	NR	NR	NR	NR
Gamma Chlordene		NG/KG	NR	NR	NR	NR	NR
Oxychlordane	5700	NG/KG	ND	ND	ND	ND	ND
Trans Nonachlor		NG/KG	NR	NR	NR	NR	NR
Cis Nonachlor		NG/KG	NR	NR	NR	NR	NR
Alpha Endosulfan		NG/KG	NR	NR	NR	NR	NR
Beta Endosulfan		NG/KG	NR	NR	NR	NR	NR
Endosulfan Sulfate		NG/KG	NR	NR	NR	NR	NR
Endrin		NG/KG	NR	NR	NR	NR	NR
Endrin aldehyde		NG/KG	NR	NR	NR	NR	NR
Mirex		NG/KG	NR	NR	NR	NR	NR
Methoxychlor		NG/KG	NR	NR	NR	NR	NR
Aldrin + Dieldrin		NG/KG	NR	NR	NR	NR	NR
Hexachlorocyclohexanes		NG/KG	NR	NR	NR	NR	NR
DDT and derivatives	11000	NG/KG	0	0	0	0	0
Chlordane + related cmpds.	5700	NG/KG	0	0	0	0	0
Chlorinated Hydrocarbons	11000	NG/KG	0	0	0	0	0

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SEDIMENT MAPPING PROJECT
Chlorinated Pesticide Analysis

From 01-JUL-2004 To 01-SEP-2004

Analyte	MDL	Units	SM133 21-JUL-2004 P265382	SM134 21-JUL-2004 P265381	SM135 21-JUL-2004 P265379	SM136 21-JUL-2004 P265377	SM137 21-JUL-2004 P265374
Aldrin		NG/KG	NR	NR	NR	NR	NR
Dieldrin		NG/KG	NR	NR	NR	NR	NR
BHC, Alpha isomer		NG/KG	NR	NR	NR	NR	NR
BHC, Beta isomer		NG/KG	NR	NR	NR	NR	NR
BHC, Gamma isomer		NG/KG	NR	NR	NR	NR	NR
BHC, Delta isomer		NG/KG	NR	NR	NR	NR	NR
p,p-DDD	3800	NG/KG	ND	ND	ND	ND	ND
p,p-DDE	3800	NG/KG	ND	E420	ND	ND	ND
p,-p-DDMU		NG/KG	ND	ND	ND	ND	ND
p,p-DDT	11000	NG/KG	ND	ND	ND	ND	ND
o,p-DDD	5700	NG/KG	ND	ND	ND	ND	ND
o,p-DDE	5700	NG/KG	ND	ND	ND	ND	ND
o,p-DDT	3800	NG/KG	ND	ND	ND	ND	ND
Heptachlor		NG/KG	NR	NR	NR	NR	NR
Heptachlor epoxide		NG/KG	NR	NR	NR	NR	NR
Alpha (cis) Chlordane	5700	NG/KG	ND	ND	ND	ND	ND
Gamma (trans) Chlordane	3800	NG/KG	ND	ND	ND	ND	ND
Alpha Chlordene		NG/KG	NR	NR	NR	NR	NR
Gamma Chlordene		NG/KG	NR	NR	NR	NR	NR
Oxychlordane	5700	NG/KG	ND	ND	ND	ND	ND
Trans Nonachlor		NG/KG	NR	NR	NR	NR	NR
Cis Nonachlor		NG/KG	NR	NR	NR	NR	NR
Alpha Endosulfan		NG/KG	NR	NR	NR	NR	NR
Beta Endosulfan		NG/KG	NR	NR	NR	NR	NR
Endosulfan Sulfate		NG/KG	NR	NR	NR	NR	NR
Endrin		NG/KG	NR	NR	NR	NR	NR
Endrin aldehyde		NG/KG	NR	NR	NR	NR	NR
Mirex		NG/KG	NR	NR	NR	NR	NR
Methoxychlor		NG/KG	NR	NR	NR	NR	NR
Aldrin + Dieldrin		NG/KG	NR	NR	NR	NR	NR
Hexachlorocyclohexanes		NG/KG	NR	NR	NR	NR	NR
DDT and derivatives	11000	NG/KG	0	E420	0	0	0
Chlordane + related cmpds.	5700	NG/KG	0	0	0	0	0
Chlorinated Hydrocarbons	11000	NG/KG	0	E420	0	0	0

ND=not detected; NS=not sampled; NA=not analyzed; NR=not required

E=estimated value, value is less than the Method Detection Limit but confirmed by GC/MS-MS

SEDIMENT MAPPING PROJECT
Chlorinated Pesticide Analysis

From 01-JUL-2004 To 01-SEP-2004

Analyte	MDL	Units	SM138 20-JUL-2004 P265287	SM139 20-JUL-2004 P265290	SM141 21-JUL-2004 P265375	SM142 20-JUL-2004 P265292	SM143 20-JUL-2004 P265301
Aldrin		NG/KG	ND	ND	NR	ND	ND
Dieldrin		NG/KG	ND	ND	NR	ND	ND
BHC, Alpha isomer		NG/KG	ND	ND	NR	ND	ND
BHC, Beta isomer		NG/KG	ND	ND	NR	ND	ND
BHC, Gamma isomer		NG/KG	ND	ND	NR	ND	ND
BHC, Delta isomer		NG/KG	ND	ND	NR	ND	ND
p,p-DDD	3800	NG/KG	ND	ND	ND	ND	ND
p,p-DDE	3800	NG/KG	ND	ND	ND	ND	ND
p,-p-DDMU		NG/KG	ND	ND	ND	ND	ND
p,p-DDT	11000	NG/KG	ND	ND	ND	ND	ND
o,p-DDD	5700	NG/KG	ND	ND	ND	ND	ND
o,p-DDE	5700	NG/KG	ND	ND	ND	ND	ND
o,p-DDT	3800	NG/KG	ND	ND	ND	ND	ND
Heptachlor		NG/KG	ND	ND	NR	ND	ND
Heptachlor epoxide		NG/KG	ND	ND	NR	ND	ND
Alpha (cis) Chlordane	5700	NG/KG	ND	ND	ND	ND	ND
Gamma (trans) Chlordane	3800	NG/KG	ND	ND	ND	ND	ND
Alpha Chlordene		NG/KG	NA	NA	NR	NA	NA
Gamma Chlordene		NG/KG	NA	NA	NR	NA	NA
Oxychlordane	5700	NG/KG	ND	ND	ND	ND	ND
Trans Nonachlor		NG/KG	ND	ND	NR	ND	ND
Cis Nonachlor		NG/KG	ND	ND	NR	ND	ND
Alpha Endosulfan		NG/KG	ND	ND	NR	ND	ND
Beta Endosulfan		NG/KG	ND	ND	NR	ND	ND
Endosulfan Sulfate		NG/KG	ND	ND	NR	ND	ND
Endrin		NG/KG	ND	ND	NR	ND	ND
Endrin aldehyde		NG/KG	ND	ND	NR	ND	ND
Mirex		NG/KG	ND	ND	NR	ND	ND
Methoxychlor		NG/KG	ND	ND	NR	ND	ND
Aldrin + Dieldrin		NG/KG	0	0	NR	0	0
Hexachlorocyclohexanes		NG/KG	0	0	NR	0	0
DDT and derivatives	11000	NG/KG	0	0	0	0	0
Chlordane + related cmpds.	5700	NG/KG	0	0	0	0	0
Chlorinated Hydrocarbons	11000	NG/KG	0	0	0	0	0

ND=not detected; NS=not sampled; NA=not analyzed; NR=not required

E=estimated value, value is less than the Method Detection Limit but confirmed by GC/MS-MS

SEDIMENT MAPPING PROJECT
Chlorinated Pesticide Analysis

From 01-JUL-2004 To 01-SEP-2004

Analyte	MDL	Units	SM144 20-JUL-2004 P265294	SM145 20-JUL-2004 P265303	SM146 20-JUL-2004 P265302	SM147 20-JUL-2004 P265296	SM148 20-JUL-2004 P265295
Aldrin		NG/KG	ND	ND	ND	ND	ND
Dieldrin		NG/KG	ND	ND	ND	ND	ND
BHC, Alpha isomer		NG/KG	ND	ND	ND	ND	ND
BHC, Beta isomer		NG/KG	ND	ND	ND	ND	ND
BHC, Gamma isomer		NG/KG	ND	ND	ND	ND	ND
BHC, Delta isomer		NG/KG	ND	ND	ND	ND	ND
p,p-DDD	3800	NG/KG	ND	ND	ND	ND	ND
p,p-DDE	3800	NG/KG	ND	ND	ND	ND	ND
p,-p-DDMU		NG/KG	ND	ND	ND	ND	ND
p,p-DDT	11000	NG/KG	ND	ND	ND	ND	ND
o,p-DDD	5700	NG/KG	ND	ND	ND	ND	ND
o,p-DDE	5700	NG/KG	ND	ND	ND	ND	ND
o,p-DDT	3800	NG/KG	ND	ND	ND	ND	ND
Heptachlor		NG/KG	ND	ND	ND	ND	ND
Heptachlor epoxide		NG/KG	ND	ND	ND	ND	ND
Alpha (cis) Chlordane	5700	NG/KG	ND	ND	ND	ND	ND
Gamma (trans) Chlordane	3800	NG/KG	ND	ND	ND	ND	ND
Alpha Chlordene		NG/KG	NA	NA	NA	NA	NA
Gamma Chlordene		NG/KG	NA	NA	NA	NA	NA
Oxychlordane	5700	NG/KG	ND	ND	ND	ND	ND
Trans Nonachlor		NG/KG	ND	ND	ND	ND	ND
Cis Nonachlor		NG/KG	ND	ND	ND	ND	ND
Alpha Endosulfan		NG/KG	ND	ND	ND	ND	ND
Beta Endosulfan		NG/KG	ND	ND	ND	ND	ND
Endosulfan Sulfate		NG/KG	ND	ND	ND	ND	ND
Endrin		NG/KG	ND	ND	ND	ND	ND
Endrin aldehyde		NG/KG	ND	ND	ND	ND	ND
Mirex		NG/KG	ND	ND	ND	ND	ND
Methoxychlor		NG/KG	ND	ND	ND	ND	ND
Aldrin + Dieldrin		NG/KG	0	0	0	0	0
Hexachlorocyclohexanes		NG/KG	0	0	0	0	0
DDT and derivatives	11000	NG/KG	0	0	0	0	0
Chlordane + related cmpds.	5700	NG/KG	0	0	0	0	0
Chlorinated Hydrocarbons	11000	NG/KG	0	0	0	0	0

ND=not detected; NS=not sampled; NA=not analyzed; NR=not required

E=estimated value, value is less than the Method Detection Limit but confirmed by GC/MS-MS

SEDIMENT MAPPING PROJECT
Chlorinated Pesticide Analysis

From 01-JUL-2004 To 01-SEP-2004

Analyte	MDL	Units	SM149 20-JUL-2004 P265293	SM150 20-JUL-2004 P265291	SM151 20-JUL-2004 P265288	SM152 20-JUL-2004 P265289
Aldrin		NG/KG	ND	ND	ND	ND
Dieldrin		NG/KG	ND	ND	ND	ND
BHC, Alpha isomer		NG/KG	ND	ND	ND	ND
BHC, Beta isomer		NG/KG	ND	ND	ND	ND
BHC, Gamma isomer		NG/KG	ND	ND	ND	ND
BHC, Delta isomer		NG/KG	ND	ND	ND	ND
p,p-DDD	3800	NG/KG	ND	ND	ND	ND
p,p-DDE	3800	NG/KG	ND	ND	ND	ND
p,-p-DDMU		NG/KG	ND	ND	ND	ND
p,p-DDT	11000	NG/KG	ND	ND	ND	ND
o,p-DDD	5700	NG/KG	ND	ND	ND	ND
o,p-DDE	5700	NG/KG	ND	ND	ND	ND
o,p-DDT	3800	NG/KG	ND	ND	ND	ND
Heptachlor		NG/KG	ND	ND	ND	ND
Heptachlor epoxide		NG/KG	ND	ND	ND	ND
Alpha (cis) Chlordane	5700	NG/KG	ND	ND	ND	ND
Gamma (trans) Chlordane	3800	NG/KG	ND	ND	ND	ND
Alpha Chlordene		NG/KG	NA	NA	NA	NA
Gamma Chlordene		NG/KG	NA	NA	NA	NA
Oxychlordane	5700	NG/KG	ND	ND	ND	ND
Trans Nonachlor		NG/KG	ND	ND	ND	ND
Cis Nonachlor		NG/KG	ND	ND	ND	ND
Alpha Endosulfan		NG/KG	ND	ND	ND	ND
Beta Endosulfan		NG/KG	ND	ND	ND	ND
Endosulfan Sulfate		NG/KG	ND	ND	ND	ND
Endrin		NG/KG	ND	ND	ND	ND
Endrin aldehyde		NG/KG	ND	ND	ND	ND
Mirex		NG/KG	ND	ND	ND	ND
Methoxychlor		NG/KG	ND	ND	ND	ND
Aldrin + Dieldrin		NG/KG	0	0	0	0
Hexachlorocyclohexanes		NG/KG	0	0	0	0
DDT and derivatives	11000	NG/KG	0	0	0	0
Chlordane + related cmpds.	5700	NG/KG	0	0	0	0
Chlorinated Hydrocarbons	11000	NG/KG	0	0	0	0

ND=not detected; NS=not sampled; NA=not analyzed; NR=not required

E=estimated value, value is less than the Method Detection Limit but confirmed by GC/MS-MS

SEDIMENT MAPPING PROJECT
PCB Congeners

From 01-JUL-2004 To 01-SEP-2004

Analyte	MDL	Units	A-15 17-AUG-2004 P269115	A-15 DUP 17-AUG-2004 P269116	A-16 17-AUG-2004 P269117	A-16 DUP 17-AUG-2004 P269118	A-2 17-AUG-2004 P269109	A-2 DUP 17-AUG-2004 P269110
PCB 18	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 28	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 52	3100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 49	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 44	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 37	2100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 74	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 70	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 66	2100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 101	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 99	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 119	2400	NG/KG	ND	ND	ND	ND	ND	ND
PCB 87	2800	NG/KG	ND	ND	ND	ND	ND	ND
PCB 110	2900	NG/KG	ND	ND	ND	ND	ND	ND
PCB 81	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 151	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 77	2100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 149	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 123	2800	NG/KG	ND	ND	ND	ND	ND	ND
PCB 118	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 114	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 153/168	1200	NG/KG	ND	ND	ND	ND	ND	ND
PCB 105	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 138	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 158	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 187	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 183	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 126	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 128	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 167	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 177	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 201	2900	NG/KG	ND	ND	ND	ND	ND	ND
PCB 156	2900	NG/KG	ND	ND	ND	ND	ND	ND
PCB 157	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 180	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 170	3100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 169	2300	NG/KG	ND	ND	ND	ND	ND	ND
PCB 189	2300	NG/KG	ND	ND	ND	ND	ND	ND
PCB 194	2300	NG/KG	ND	ND	ND	ND	ND	ND
PCB 206	1900	NG/KG	ND	ND	ND	ND	ND	ND
Total PCB's	3100	NG/KG	0	0	0	0	0	0

ND=not detected; NS=not sampled; NA=not analyzed

E=estimated value, value is less than the Method Detection Limit but confirmed by GC/MS-MS

SEDIMENT MAPPING PROJECT
PCB Congeners

From 01-JUL-2004 To 01-SEP-2004

Analyte	MDL	Units	A-5 17-AUG-2004 P269111	A-5 DUP 17-AUG-2004 P269112	A-8 10-AUG-2004 P268095	A-9 17-AUG-2004 P269114	B-3 11-AUG-2004 P268256	B-5 11-AUG-2004 P268258
PCB 18	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 28	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 52	3100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 49	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 44	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 37	2100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 74	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 70	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 66	2100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 101	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 99	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 119	2400	NG/KG	ND	ND	ND	ND	ND	ND
PCB 87	2800	NG/KG	ND	ND	ND	ND	ND	ND
PCB 110	2900	NG/KG	ND	ND	ND	ND	ND	ND
PCB 81	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 151	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 77	2100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 149	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 123	2800	NG/KG	ND	ND	ND	ND	ND	ND
PCB 118	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 114	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 153/168	1200	NG/KG	ND	ND	ND	ND	ND	ND
PCB 105	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 138	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 158	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 187	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 183	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 126	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 128	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 167	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 177	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 201	2900	NG/KG	ND	ND	ND	ND	ND	ND
PCB 156	2900	NG/KG	ND	ND	ND	ND	ND	ND
PCB 157	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 180	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 170	3100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 169	2300	NG/KG	ND	ND	ND	ND	ND	ND
PCB 189	2300	NG/KG	ND	ND	ND	ND	ND	ND
PCB 194	2300	NG/KG	ND	ND	ND	ND	ND	ND
PCB 206	1900	NG/KG	ND	ND	ND	ND	ND	ND
Total PCB's	3100	NG/KG	0	0	0	0	0	0

ND=not detected; NS=not sampled; NA=not analyzed

E=estimated value, value is less than the Method Detection Limit but confirmed by GC/MS-MS

SEDIMENT MAPPING PROJECT
PCB Congeners

From 01-JUL-2004 To 01-SEP-2004

Analyte	MDL	Units	B-9 DUP 14-JUL-2004 P264553	E-14 DUP 16-JUL-2004 P264741	E-20 DUP 16-JUL-2004 P264693	E-25 DUP 16-JUL-2004 P264696	E-3 02-AUG-2004 P267114	E-3 DUP 02-AUG-2004 P267115
PCB 18	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 28	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 52	3100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 49	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 44	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 37	2100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 74	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 70	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 66	2100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 101	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 99	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 119	2400	NG/KG	ND	ND	ND	ND	ND	ND
PCB 87	2800	NG/KG	ND	ND	ND	ND	ND	ND
PCB 110	2900	NG/KG	ND	ND	ND	ND	ND	ND
PCB 81	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 151	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 77	2100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 149	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 123	2800	NG/KG	ND	ND	ND	ND	ND	ND
PCB 118	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 114	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 153/168	1200	NG/KG	ND	ND	ND	ND	ND	ND
PCB 105	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 138	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 158	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 187	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 183	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 126	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 128	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 167	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 177	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 201	2900	NG/KG	ND	ND	ND	ND	ND	ND
PCB 156	2900	NG/KG	ND	ND	ND	ND	ND	ND
PCB 157	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 180	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 170	3100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 169	2300	NG/KG	ND	ND	ND	ND	ND	ND
PCB 189	2300	NG/KG	ND	ND	ND	ND	ND	ND
PCB 194	2300	NG/KG	ND	ND	ND	ND	ND	ND
PCB 206	1900	NG/KG	ND	ND	ND	ND	ND	ND
Total PCB's	3100	NG/KG	0	0	0	0	0	0

ND=not detected; NS=not sampled; NA=not analyzed

E=estimated value, value is less than the Method Detection Limit but confirmed by GC/MS-MS

SEDIMENT MAPPING PROJECT
PCB Congeners

From 01-JUL-2004 To 01-SEP-2004

Analyte	MDL	Units	E-5 DUP 14-JUL-2004 P264559	I-1 DUP 01-JUL-2004 P262849	I-12 DUP 06-JUL-2004 P263386	I-13 DUP 06-JUL-2004 P263390	I-15 DUP 06-JUL-2004 P263392	I-28 DUP 12-JUL-2004 P263902
PCB 18	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 28	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 52	3100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 49	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 44	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 37	2100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 74	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 70	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 66	2100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 101	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 99	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 119	2400	NG/KG	ND	ND	ND	ND	ND	ND
PCB 87	2800	NG/KG	ND	ND	ND	ND	ND	ND
PCB 110	2900	NG/KG	ND	ND	ND	ND	ND	ND
PCB 81	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 151	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 77	2100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 149	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 123	2800	NG/KG	ND	ND	ND	ND	ND	ND
PCB 118	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 114	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 153/168	1200	NG/KG	ND	ND	ND	ND	ND	ND
PCB 105	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 138	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 158	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 187	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 183	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 126	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 128	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 167	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 177	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 201	2900	NG/KG	ND	ND	ND	ND	ND	ND
PCB 156	2900	NG/KG	ND	ND	ND	ND	ND	ND
PCB 157	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 180	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 170	3100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 169	2300	NG/KG	ND	ND	ND	ND	ND	ND
PCB 189	2300	NG/KG	ND	ND	ND	ND	ND	ND
PCB 194	2300	NG/KG	ND	ND	ND	ND	ND	ND
PCB 206	1900	NG/KG	ND	ND	ND	ND	ND	ND
Total PCB's	3100	NG/KG	0	0	0	0	0	0

ND=not detected; NS=not sampled; NA=not analyzed

E=estimated value, value is less than the Method Detection Limit but confirmed by GC/MS-MS

SEDIMENT MAPPING PROJECT
PCB Congeners

From 01-JUL-2004 To 01-SEP-2004

Analyte	MDL	Units	I-30 DUP 13-JUL-2004 P264502	I-8 DUP 06-JUL-2004 P263396	I-9 DUP 01-JUL-2004 P262853	SM001 16-AUG-2004 P268573	SM002 11-AUG-2004 P268190	SM003 16-AUG-2004 P268576
PCB 18	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 28	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 52	3100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 49	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 44	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 37	2100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 74	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 70	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 66	2100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 101	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 99	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 119	2400	NG/KG	ND	ND	ND	ND	ND	ND
PCB 87	2800	NG/KG	ND	ND	ND	ND	ND	ND
PCB 110	2900	NG/KG	ND	ND	ND	ND	ND	ND
PCB 81	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 151	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 77	2100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 149	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 123	2800	NG/KG	ND	ND	ND	ND	ND	ND
PCB 118	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 114	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 153/168	1200	NG/KG	ND	ND	ND	ND	ND	ND
PCB 105	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 138	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 158	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 187	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 183	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 126	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 128	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 167	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 177	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 201	2900	NG/KG	ND	ND	ND	ND	ND	ND
PCB 156	2900	NG/KG	ND	ND	ND	ND	ND	ND
PCB 157	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 180	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 170	3100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 169	2300	NG/KG	ND	ND	ND	ND	ND	ND
PCB 189	2300	NG/KG	ND	ND	ND	ND	ND	ND
PCB 194	2300	NG/KG	ND	ND	ND	ND	ND	ND
PCB 206	1900	NG/KG	ND	ND	ND	ND	ND	ND
Total PCB's	3100	NG/KG	0	0	0	0	0	0

ND=not detected; NS=not sampled; NA=not analyzed

E=estimated value, value is less than the Method Detection Limit but confirmed by GC/MS-MS

SEDIMENT MAPPING PROJECT
PCB Congeners

From 01-JUL-2004 To 01-SEP-2004

Analyte	MDL	Units	SM004 16-AUG-2004 P268578	SM005 17-AUG-2004 P269058	SM006 16-AUG-2004 P268586	SM007 16-AUG-2004 P268580	SM008 16-AUG-2004 P268588	SM009 16-AUG-2004 P268587
PCB 18	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 28	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 52	3100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 49	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 44	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 37	2100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 74	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 70	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 66	2100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 101	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 99	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 119	2400	NG/KG	ND	ND	ND	ND	ND	ND
PCB 87	2800	NG/KG	ND	ND	ND	ND	ND	ND
PCB 110	2900	NG/KG	ND	ND	ND	ND	ND	ND
PCB 81	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 151	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 77	2100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 149	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 123	2800	NG/KG	ND	ND	ND	ND	ND	ND
PCB 118	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 114	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 153/168	1200	NG/KG	ND	ND	ND	ND	ND	ND
PCB 105	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 138	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 158	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 187	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 183	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 126	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 128	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 167	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 177	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 201	2900	NG/KG	ND	ND	ND	ND	ND	ND
PCB 156	2900	NG/KG	ND	ND	ND	ND	ND	ND
PCB 157	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 180	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 170	3100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 169	2300	NG/KG	ND	ND	ND	ND	ND	ND
PCB 189	2300	NG/KG	ND	ND	ND	ND	ND	ND
PCB 194	2300	NG/KG	ND	ND	ND	ND	ND	ND
PCB 206	1900	NG/KG	ND	ND	ND	ND	ND	ND
Total PCB's	3100	NG/KG	0	0	0	0	0	0

ND=not detected; NS=not sampled; NA=not analyzed

E=estimated value, value is less than the Method Detection Limit but confirmed by GC/MS-MS

SEDIMENT MAPPING PROJECT
PCB Congeners

From 01-JUL-2004 To 01-SEP-2004

Analyte	MDL	Units	SM010 16-AUG-2004 P268582	SM011 16-AUG-2004 P268581	SM012 16-AUG-2004 P268579	SM013 16-AUG-2004 P268577	SM014 16-AUG-2004 P268574	SM015 16-AUG-2004 P268575
PCB 18	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 28	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 52	3100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 49	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 44	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 37	2100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 74	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 70	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 66	2100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 101	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 99	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 119	2400	NG/KG	ND	ND	ND	ND	ND	ND
PCB 87	2800	NG/KG	ND	ND	ND	ND	ND	ND
PCB 110	2900	NG/KG	ND	ND	ND	ND	ND	ND
PCB 81	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 151	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 77	2100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 149	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 123	2800	NG/KG	ND	ND	ND	ND	ND	ND
PCB 118	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 114	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 153/168	1200	NG/KG	ND	ND	ND	ND	ND	ND
PCB 105	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 138	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 158	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 187	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 183	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 126	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 128	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 167	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 177	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 201	2900	NG/KG	ND	ND	ND	ND	ND	ND
PCB 156	2900	NG/KG	ND	ND	ND	ND	ND	ND
PCB 157	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 180	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 170	3100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 169	2300	NG/KG	ND	ND	ND	ND	ND	ND
PCB 189	2300	NG/KG	ND	ND	ND	ND	ND	ND
PCB 194	2300	NG/KG	ND	ND	ND	ND	ND	ND
PCB 206	1900	NG/KG	ND	ND	ND	ND	ND	ND
Total PCB's	3100	NG/KG	0	0	0	0	0	0

ND=not detected; NS=not sampled; NA=not analyzed

E=estimated value, value is less than the Method Detection Limit but confirmed by GC/MS-MS

SEDIMENT MAPPING PROJECT
PCB Congeners

From 01-JUL-2004 To 01-SEP-2004

Analyte	MDL	Units	SM016 11-AUG-2004 P268192	SM017 10-AUG-2004 P268034	SM018 10-AUG-2004 P268037	SM019 10-AUG-2004 P268039	SM020 11-AUG-2004 P268194	SM021 11-AUG-2004 P268200
PCB 18	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 28	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 52	3100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 49	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 44	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 37	2100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 74	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 70	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 66	2100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 101	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 99	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 119	2400	NG/KG	ND	ND	ND	ND	ND	ND
PCB 87	2800	NG/KG	ND	ND	ND	ND	ND	ND
PCB 110	2900	NG/KG	ND	ND	ND	ND	ND	ND
PCB 81	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 151	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 77	2100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 149	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 123	2800	NG/KG	ND	ND	ND	ND	ND	ND
PCB 118	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 114	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 153/168	1200	NG/KG	ND	ND	ND	ND	ND	ND
PCB 105	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 138	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 158	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 187	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 183	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 126	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 128	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 167	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 177	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 201	2900	NG/KG	ND	ND	ND	ND	ND	ND
PCB 156	2900	NG/KG	ND	ND	ND	ND	ND	ND
PCB 157	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 180	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 170	3100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 169	2300	NG/KG	ND	ND	ND	ND	ND	ND
PCB 189	2300	NG/KG	ND	ND	ND	ND	ND	ND
PCB 194	2300	NG/KG	ND	ND	ND	ND	ND	ND
PCB 206	1900	NG/KG	ND	ND	ND	ND	ND	ND
Total PCB's	3100	NG/KG	0	0	0	0	0	0

ND=not detected; NS=not sampled; NA=not analyzed

E=estimated value, value is less than the Method Detection Limit but confirmed by GC/MS-MS

SEDIMENT MAPPING PROJECT
PCB Congeners

From 01-JUL-2004 To 01-SEP-2004

Analyte	MDL	Units	SM022 10-AUG-2004 P268041	SM023 10-AUG-2004 P268047
PCB 18	2600	NG/KG	ND	ND
PCB 28	3000	NG/KG	ND	ND
PCB 52	3100	NG/KG	ND	ND
PCB 49	2700	NG/KG	ND	ND
PCB 44	2600	NG/KG	ND	ND
PCB 37	2100	NG/KG	ND	ND
PCB 74	2700	NG/KG	ND	ND
PCB 70	2700	NG/KG	ND	ND
PCB 66	2100	NG/KG	ND	ND
PCB 101	2600	NG/KG	ND	ND
PCB 99	2500	NG/KG	ND	ND
PCB 119	2400	NG/KG	ND	ND
PCB 87	2800	NG/KG	ND	ND
PCB 110	2900	NG/KG	ND	ND
PCB 81	2500	NG/KG	ND	ND
PCB 151	2500	NG/KG	ND	ND
PCB 77	2100	NG/KG	ND	ND
PCB 149	2500	NG/KG	ND	ND
PCB 123	2800	NG/KG	ND	ND
PCB 118	2700	NG/KG	ND	ND
PCB 114	3000	NG/KG	ND	ND
PCB 153/168	1200	NG/KG	ND	ND
PCB 105	2600	NG/KG	ND	ND
PCB 138	3000	NG/KG	ND	ND
PCB 158	2600	NG/KG	ND	ND
PCB 187	2700	NG/KG	ND	ND
PCB 183	2700	NG/KG	ND	ND
PCB 126	3000	NG/KG	ND	ND
PCB 128	2700	NG/KG	ND	ND
PCB 167	3000	NG/KG	ND	ND
PCB 177	3000	NG/KG	ND	ND
PCB 201	2900	NG/KG	ND	ND
PCB 156	2900	NG/KG	ND	ND
PCB 157	2700	NG/KG	ND	ND
PCB 180	2600	NG/KG	ND	ND
PCB 170	3100	NG/KG	ND	ND
PCB 169	2300	NG/KG	ND	ND
PCB 189	2300	NG/KG	ND	ND
PCB 194	2300	NG/KG	ND	ND
PCB 206	1900	NG/KG	ND	ND
Total PCB's	3100	NG/KG	0	0

ND=not detected; NS=not sampled; NA=not analyzed

E=estimated value, value is less than the Method Detection Limit but confirmed by GC/MS-MS

SEDIMENT MAPPING PROJECT
PCB Congeners

From 01-JUL-2004 To 01-SEP-2004

Analyte	MDL	Units	SM024 11-AUG-2004 P268199	SM025 11-AUG-2004 P268196	SM026 11-AUG-2004 P268195	SM027 11-AUG-2004 P268193	SM028 11-AUG-2004 P268191	SM028 DUP 11-AUG-2004 P268188
PCB 18	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 28	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 52	3100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 49	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 44	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 37	2100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 74	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 70	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 66	2100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 101	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 99	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 119	2400	NG/KG	ND	ND	ND	ND	ND	ND
PCB 87	2800	NG/KG	ND	ND	ND	ND	ND	ND
PCB 110	2900	NG/KG	ND	ND	ND	ND	ND	ND
PCB 81	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 151	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 77	2100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 149	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 123	2800	NG/KG	ND	ND	ND	ND	ND	ND
PCB 118	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 114	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 153/168	1200	NG/KG	ND	ND	ND	ND	ND	ND
PCB 105	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 138	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 158	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 187	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 183	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 126	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 128	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 167	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 177	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 201	2900	NG/KG	ND	ND	ND	ND	ND	ND
PCB 156	2900	NG/KG	ND	ND	ND	ND	ND	ND
PCB 157	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 180	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 170	3100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 169	2300	NG/KG	ND	ND	ND	ND	ND	ND
PCB 189	2300	NG/KG	ND	ND	ND	ND	ND	ND
PCB 194	2300	NG/KG	ND	ND	ND	ND	ND	ND
PCB 206	1900	NG/KG	ND	ND	ND	ND	ND	ND
Total PCB's	3100	NG/KG	0	0	0	0	0	0

ND=not detected; NS=not sampled; NA=not analyzed

E=estimated value, value is less than the Method Detection Limit but confirmed by GC/MS-MS

SEDIMENT MAPPING PROJECT
PCB Congeners

From 01-JUL-2004 To 01-SEP-2004

Analyte	MDL	Units	SM029 11-AUG-2004 P268189	SM030 10-AUG-2004 P268046	SM031 10-AUG-2004 P268043	SM032 10-AUG-2004 P268042	SM033 10-AUG-2004 P268040	SM034 10-AUG-2004 P268038
PCB 18	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 28	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 52	3100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 49	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 44	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 37	2100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 74	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 70	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 66	2100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 101	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 99	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 119	2400	NG/KG	ND	ND	ND	ND	ND	ND
PCB 87	2800	NG/KG	ND	ND	ND	ND	ND	ND
PCB 110	2900	NG/KG	ND	ND	ND	ND	ND	ND
PCB 81	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 151	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 77	2100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 149	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 123	2800	NG/KG	ND	ND	ND	ND	ND	ND
PCB 118	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 114	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 153/168	1200	NG/KG	ND	ND	ND	ND	ND	ND
PCB 105	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 138	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 158	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 187	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 183	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 126	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 128	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 167	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 177	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 201	2900	NG/KG	ND	ND	ND	ND	ND	ND
PCB 156	2900	NG/KG	ND	ND	ND	ND	ND	ND
PCB 157	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 180	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 170	3100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 169	2300	NG/KG	ND	ND	ND	ND	ND	ND
PCB 189	2300	NG/KG	ND	ND	ND	ND	ND	ND
PCB 194	2300	NG/KG	ND	ND	ND	ND	ND	ND
PCB 206	1900	NG/KG	ND	ND	ND	ND	ND	ND
Total PCB's	3100	NG/KG	0	0	0	0	0	0

ND=not detected; NS=not sampled; NA=not analyzed

E=estimated value, value is less than the Method Detection Limit but confirmed by GC/MS-MS

SEDIMENT MAPPING PROJECT
PCB Congeners

From 01-JUL-2004 To 01-SEP-2004

Analyte	MDL	Units	SM035 10-AUG-2004 P268035	SM036 09-AUG-2004 P267953	SM037 09-AUG-2004 P267956	SM038 09-AUG-2004 P267958	SM039 09-AUG-2004 P267960	SM040 09-AUG-2004 P267964
PCB 18	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 28	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 52	3100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 49	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 44	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 37	2100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 74	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 70	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 66	2100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 101	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 99	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 119	2400	NG/KG	ND	ND	ND	ND	ND	ND
PCB 87	2800	NG/KG	ND	ND	ND	ND	ND	ND
PCB 110	2900	NG/KG	ND	ND	ND	ND	ND	ND
PCB 81	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 151	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 77	2100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 149	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 123	2800	NG/KG	ND	ND	ND	ND	ND	ND
PCB 118	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 114	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 153/168	1200	NG/KG	ND	ND	ND	ND	ND	ND
PCB 105	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 138	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 158	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 187	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 183	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 126	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 128	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 167	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 177	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 201	2900	NG/KG	ND	ND	ND	ND	ND	ND
PCB 156	2900	NG/KG	ND	ND	ND	ND	ND	ND
PCB 157	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 180	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 170	3100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 169	2300	NG/KG	ND	ND	ND	ND	ND	ND
PCB 189	2300	NG/KG	ND	ND	ND	ND	ND	ND
PCB 194	2300	NG/KG	ND	ND	ND	ND	ND	ND
PCB 206	1900	NG/KG	ND	ND	ND	ND	ND	ND
Total PCB's	3100	NG/KG	0	0	0	0	0	0

ND=not detected; NS=not sampled; NA=not analyzed

E=estimated value, value is less than the Method Detection Limit but confirmed by GC/MS-MS

SEDIMENT MAPPING PROJECT
PCB Congeners

From 01-JUL-2004 To 01-SEP-2004

Analyte	MDL	Units	SM041 09-AUG-2004 P267962	SM042 09-AUG-2004 P267961	SM043 09-AUG-2004 P267959	SM044 09-AUG-2004 P267957	SM045 09-AUG-2004 P267954	SM046 10-AUG-2004 P268036
PCB 18	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 28	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 52	3100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 49	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 44	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 37	2100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 74	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 70	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 66	2100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 101	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 99	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 119	2400	NG/KG	ND	ND	ND	ND	ND	ND
PCB 87	2800	NG/KG	ND	ND	ND	ND	ND	ND
PCB 110	2900	NG/KG	ND	ND	ND	ND	ND	ND
PCB 81	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 151	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 77	2100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 149	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 123	2800	NG/KG	ND	ND	ND	ND	ND	ND
PCB 118	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 114	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 153/168	1200	NG/KG	ND	ND	ND	ND	ND	ND
PCB 105	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 138	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 158	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 187	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 183	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 126	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 128	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 167	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 177	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 201	2900	NG/KG	ND	ND	ND	ND	ND	ND
PCB 156	2900	NG/KG	ND	ND	ND	ND	ND	ND
PCB 157	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 180	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 170	3100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 169	2300	NG/KG	ND	ND	ND	ND	ND	ND
PCB 189	2300	NG/KG	ND	ND	ND	ND	ND	ND
PCB 194	2300	NG/KG	ND	ND	ND	ND	ND	ND
PCB 206	1900	NG/KG	ND	ND	ND	ND	ND	ND
Total PCB's	3100	NG/KG	0	0	0	0	0	0

ND=not detected; NS=not sampled; NA=not analyzed

E=estimated value, value is less than the Method Detection Limit but confirmed by GC/MS-MS

SEDIMENT MAPPING PROJECT
PCB Congeners

From 01-JUL-2004 To 01-SEP-2004

Analyte	MDL	Units	SM047 06-AUG-2004 P267464	SM048 09-AUG-2004 P267955	SM049 06-AUG-2004 P267467	SM050 06-AUG-2004 P267469	SM051 02-AUG-2004 P266938	SM052 02-AUG-2004 P266941
PCB 18	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 28	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 52	3100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 49	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 44	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 37	2100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 74	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 70	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 66	2100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 101	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 99	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 119	2400	NG/KG	ND	ND	ND	ND	ND	ND
PCB 87	2800	NG/KG	ND	ND	ND	ND	ND	ND
PCB 110	2900	NG/KG	ND	ND	ND	ND	ND	ND
PCB 81	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 151	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 77	2100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 149	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 123	2800	NG/KG	ND	ND	ND	ND	ND	ND
PCB 118	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 114	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 153/168	1200	NG/KG	ND	ND	ND	ND	ND	ND
PCB 105	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 138	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 158	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 187	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 183	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 126	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 128	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 167	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 177	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 201	2900	NG/KG	ND	ND	ND	ND	ND	ND
PCB 156	2900	NG/KG	ND	ND	ND	ND	ND	ND
PCB 157	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 180	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 170	3100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 169	2300	NG/KG	ND	ND	ND	ND	ND	ND
PCB 189	2300	NG/KG	ND	ND	ND	ND	ND	ND
PCB 194	2300	NG/KG	ND	ND	ND	ND	ND	ND
PCB 206	1900	NG/KG	ND	ND	ND	ND	ND	ND
Total PCB's	3100	NG/KG	0	0	0	0	0	0

ND=not detected; NS=not sampled; NA=not analyzed

E=estimated value, value is less than the Method Detection Limit but confirmed by GC/MS-MS

SEDIMENT MAPPING PROJECT
PCB Congeners

From 01-JUL-2004 To 01-SEP-2004

Analyte	MDL	Units	SM053 06-AUG-2004 P267483	SM054 06-AUG-2004 P267471	SM055 06-AUG-2004 P267485	SM056 06-AUG-2004 P267484	SM057 06-AUG-2004 P267473	SM058 06-AUG-2004 P267472
PCB 18	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 28	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 52	3100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 49	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 44	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 37	2100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 74	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 70	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 66	2100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 101	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 99	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 119	2400	NG/KG	ND	ND	ND	ND	ND	ND
PCB 87	2800	NG/KG	ND	ND	ND	ND	ND	ND
PCB 110	2900	NG/KG	ND	ND	ND	ND	ND	ND
PCB 81	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 151	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 77	2100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 149	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 123	2800	NG/KG	ND	ND	ND	ND	ND	ND
PCB 118	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 114	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 153/168	1200	NG/KG	ND	ND	ND	ND	ND	ND
PCB 105	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 138	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 158	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 187	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 183	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 126	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 128	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 167	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 177	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 201	2900	NG/KG	ND	ND	ND	ND	ND	ND
PCB 156	2900	NG/KG	ND	ND	ND	ND	ND	ND
PCB 157	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 180	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 170	3100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 169	2300	NG/KG	ND	ND	ND	ND	ND	ND
PCB 189	2300	NG/KG	ND	ND	ND	ND	ND	ND
PCB 194	2300	NG/KG	ND	ND	ND	ND	ND	ND
PCB 206	1900	NG/KG	ND	ND	ND	ND	ND	ND
Total PCB's	3100	NG/KG	0	0	0	0	0	0

ND=not detected; NS=not sampled; NA=not analyzed

E=estimated value, value is less than the Method Detection Limit but confirmed by GC/MS-MS

SEDIMENT MAPPING PROJECT
PCB Congeners

From 01-JUL-2004 To 01-SEP-2004

Analyte	MDL	Units	SM059 06-AUG-2004 P267470	SM060 06-AUG-2004 P267468	SM061 06-AUG-2004 P267465	SM062 06-AUG-2004 P267466	SM063 02-AUG-2004 P266943	SM064 02-AUG-2004 P266951
PCB 18	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 28	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 52	3100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 49	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 44	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 37	2100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 74	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 70	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 66	2100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 101	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 99	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 119	2400	NG/KG	ND	ND	ND	ND	ND	ND
PCB 87	2800	NG/KG	ND	ND	ND	ND	ND	ND
PCB 110	2900	NG/KG	ND	ND	ND	ND	ND	ND
PCB 81	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 151	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 77	2100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 149	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 123	2800	NG/KG	ND	ND	ND	ND	ND	ND
PCB 118	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 114	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 153/168	1200	NG/KG	ND	ND	ND	ND	ND	ND
PCB 105	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 138	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 158	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 187	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 183	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 126	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 128	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 167	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 177	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 201	2900	NG/KG	ND	ND	ND	ND	ND	ND
PCB 156	2900	NG/KG	ND	ND	ND	ND	ND	ND
PCB 157	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 180	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 170	3100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 169	2300	NG/KG	ND	ND	ND	ND	ND	ND
PCB 189	2300	NG/KG	ND	ND	ND	ND	ND	ND
PCB 194	2300	NG/KG	ND	ND	ND	ND	ND	ND
PCB 206	1900	NG/KG	ND	ND	ND	ND	ND	ND
Total PCB's	3100	NG/KG	0	0	0	0	0	0

ND=not detected; NS=not sampled; NA=not analyzed

E=estimated value, value is less than the Method Detection Limit but confirmed by GC/MS-MS

SEDIMENT MAPPING PROJECT
PCB Congeners

From 01-JUL-2004 To 01-SEP-2004

Analyte	MDL	Units	SM065 02-AUG-2004 P266945	SM066 02-AUG-2004 P266953	SM067 02-AUG-2004 P266952	SM068 02-AUG-2004 P266947	SM069 02-AUG-2004 P266946	SM070 29-JUL-2004 P266335
PCB 18	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 28	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 52	3100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 49	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 44	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 37	2100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 74	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 70	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 66	2100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 101	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 99	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 119	2400	NG/KG	ND	ND	ND	ND	ND	ND
PCB 87	2800	NG/KG	ND	ND	ND	ND	ND	ND
PCB 110	2900	NG/KG	ND	ND	ND	ND	ND	ND
PCB 81	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 151	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 77	2100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 149	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 123	2800	NG/KG	ND	ND	ND	ND	ND	ND
PCB 118	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 114	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 153/168	1200	NG/KG	ND	ND	ND	ND	ND	ND
PCB 105	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 138	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 158	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 187	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 183	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 126	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 128	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 167	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 177	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 201	2900	NG/KG	ND	ND	ND	ND	ND	ND
PCB 156	2900	NG/KG	ND	ND	ND	ND	ND	ND
PCB 157	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 180	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 170	3100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 169	2300	NG/KG	ND	ND	ND	ND	ND	ND
PCB 189	2300	NG/KG	ND	ND	ND	ND	ND	ND
PCB 194	2300	NG/KG	ND	ND	ND	ND	ND	ND
PCB 206	1900	NG/KG	ND	ND	ND	ND	ND	ND
Total PCB's	3100	NG/KG	0	0	0	0	0	0

ND=not detected; NS=not sampled; NA=not analyzed

E=estimated value, value is less than the Method Detection Limit but confirmed by GC/MS-MS

SEDIMENT MAPPING PROJECT
PCB Congeners

From 01-JUL-2004 To 01-SEP-2004

Analyte	MDL	Units	SM071 29-JUL-2004 P266338	SM072 02-AUG-2004 P266944
PCB 18	2600	NG/KG	ND	ND
PCB 28	3000	NG/KG	ND	ND
PCB 52	3100	NG/KG	ND	ND
PCB 49	2700	NG/KG	ND	ND
PCB 44	2600	NG/KG	ND	ND
PCB 37	2100	NG/KG	ND	ND
PCB 74	2700	NG/KG	ND	ND
PCB 70	2700	NG/KG	ND	ND
PCB 66	2100	NG/KG	ND	ND
PCB 101	2600	NG/KG	ND	ND
PCB 99	2500	NG/KG	ND	ND
PCB 119	2400	NG/KG	ND	ND
PCB 87	2800	NG/KG	ND	ND
PCB 110	2900	NG/KG	ND	ND
PCB 81	2500	NG/KG	ND	ND
PCB 151	2500	NG/KG	ND	ND
PCB 77	2100	NG/KG	ND	ND
PCB 149	2500	NG/KG	ND	ND
PCB 123	2800	NG/KG	ND	ND
PCB 118	2700	NG/KG	ND	ND
PCB 114	3000	NG/KG	ND	ND
PCB 153/168	1200	NG/KG	ND	ND
PCB 105	2600	NG/KG	ND	ND
PCB 138	3000	NG/KG	ND	ND
PCB 158	2600	NG/KG	ND	ND
PCB 187	2700	NG/KG	ND	ND
PCB 183	2700	NG/KG	ND	ND
PCB 126	3000	NG/KG	ND	ND
PCB 128	2700	NG/KG	ND	ND
PCB 167	3000	NG/KG	ND	ND
PCB 177	3000	NG/KG	ND	ND
PCB 201	2900	NG/KG	ND	ND
PCB 156	2900	NG/KG	ND	ND
PCB 157	2700	NG/KG	ND	ND
PCB 180	2600	NG/KG	ND	ND
PCB 170	3100	NG/KG	ND	ND
PCB 169	2300	NG/KG	ND	ND
PCB 189	2300	NG/KG	ND	ND
PCB 194	2300	NG/KG	ND	ND
PCB 206	1900	NG/KG	ND	ND
Total PCB's	3100	NG/KG	0	0

ND=not detected; NS=not sampled; NA=not analyzed

E=estimated value, value is less than the Method Detection Limit but confirmed by GC/MS-MS

SEDIMENT MAPPING PROJECT
PCB Congeners

From 01-JUL-2004 To 01-SEP-2004

Analyte	MDL	Units	SM073 02-AUG-2004 P266942	SM074 02-AUG-2004 P266939	SM075 02-AUG-2004 P266940	SM076 29-JUL-2004 P266340	SM077 29-JUL-2004 P266354	SM078 29-JUL-2004 P266353
PCB 18	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 28	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 52	3100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 49	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 44	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 37	2100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 74	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 70	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 66	2100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 101	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 99	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 119	2400	NG/KG	ND	ND	ND	ND	ND	ND
PCB 87	2800	NG/KG	ND	ND	ND	ND	ND	ND
PCB 110	2900	NG/KG	ND	ND	ND	ND	ND	ND
PCB 81	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 151	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 77	2100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 149	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 123	2800	NG/KG	ND	ND	ND	ND	ND	ND
PCB 118	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 114	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 153/168	1200	NG/KG	ND	ND	ND	ND	ND	ND
PCB 105	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 138	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 158	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 187	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 183	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 126	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 128	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 167	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 177	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 201	2900	NG/KG	ND	ND	ND	ND	ND	ND
PCB 156	2900	NG/KG	ND	ND	ND	ND	ND	ND
PCB 157	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 180	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 170	3100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 169	2300	NG/KG	ND	ND	ND	ND	ND	ND
PCB 189	2300	NG/KG	ND	ND	ND	ND	ND	ND
PCB 194	2300	NG/KG	ND	ND	ND	ND	ND	ND
PCB 206	1900	NG/KG	ND	ND	ND	ND	ND	ND
Total PCB's	3100	NG/KG	0	0	0	0	0	0

ND=not detected; NS=not sampled; NA=not analyzed

E=estimated value, value is less than the Method Detection Limit but confirmed by GC/MS-MS

SEDIMENT MAPPING PROJECT
PCB Congeners

From 01-JUL-2004 To 01-SEP-2004

Analyte	MDL	Units	SM079 29-JUL-2004 P266352	SM080 29-JUL-2004 P266351	SM081 29-JUL-2004 P266350	SM082 29-JUL-2004 P266342	SM083 29-JUL-2004 P266344	SM084 29-JUL-2004 P266343
PCB 18	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 28	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 52	3100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 49	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 44	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 37	2100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 74	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 70	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 66	2100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 101	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 99	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 119	2400	NG/KG	ND	ND	ND	ND	ND	ND
PCB 87	2800	NG/KG	ND	ND	ND	ND	ND	ND
PCB 110	2900	NG/KG	ND	ND	ND	ND	ND	ND
PCB 81	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 151	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 77	2100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 149	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 123	2800	NG/KG	ND	ND	ND	ND	ND	ND
PCB 118	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 114	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 153/168	1200	NG/KG	ND	ND	ND	ND	ND	ND
PCB 105	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 138	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 158	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 187	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 183	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 126	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 128	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 167	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 177	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 201	2900	NG/KG	ND	ND	ND	ND	ND	ND
PCB 156	2900	NG/KG	ND	ND	ND	ND	ND	ND
PCB 157	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 180	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 170	3100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 169	2300	NG/KG	ND	ND	ND	ND	ND	ND
PCB 189	2300	NG/KG	ND	ND	ND	ND	ND	ND
PCB 194	2300	NG/KG	ND	ND	ND	ND	ND	ND
PCB 206	1900	NG/KG	ND	ND	ND	ND	ND	ND
Total PCB's	3100	NG/KG	0	0	0	0	0	0

ND=not detected; NS=not sampled; NA=not analyzed

E=estimated value, value is less than the Method Detection Limit but confirmed by GC/MS-MS

SEDIMENT MAPPING PROJECT
PCB Congeners

From 01-JUL-2004 To 01-SEP-2004

Analyte	MDL	Units	SM085 29-JUL-2004 P266341	SM086 29-JUL-2004 P266339	SM087 29-JUL-2004 P266336	SM088 29-JUL-2004 P266337	SM089 28-JUL-2004 P266100	SM091 28-JUL-2004 P266103
PCB 18	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 28	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 52	3100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 49	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 44	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 37	2100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 74	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 70	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 66	2100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 101	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 99	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 119	2400	NG/KG	ND	ND	ND	ND	ND	ND
PCB 87	2800	NG/KG	ND	ND	ND	ND	ND	ND
PCB 110	2900	NG/KG	ND	ND	ND	ND	ND	ND
PCB 81	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 151	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 77	2100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 149	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 123	2800	NG/KG	ND	ND	ND	ND	ND	ND
PCB 118	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 114	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 153/168	1200	NG/KG	ND	ND	ND	ND	ND	ND
PCB 105	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 138	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 158	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 187	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 183	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 126	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 128	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 167	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 177	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 201	2900	NG/KG	ND	ND	ND	ND	ND	ND
PCB 156	2900	NG/KG	ND	ND	ND	ND	ND	ND
PCB 157	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 180	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 170	3100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 169	2300	NG/KG	ND	ND	ND	ND	ND	ND
PCB 189	2300	NG/KG	ND	ND	ND	ND	ND	ND
PCB 194	2300	NG/KG	ND	ND	ND	ND	ND	ND
PCB 206	1900	NG/KG	ND	ND	ND	ND	ND	ND
Total PCB's	3100	NG/KG	0	0	0	0	0	0

ND=not detected; NS=not sampled; NA=not analyzed

E=estimated value, value is less than the Method Detection Limit but confirmed by GC/MS-MS

SEDIMENT MAPPING PROJECT
PCB Congeners

From 01-JUL-2004 To 01-SEP-2004

Analyte	MDL	Units	SM092 28-JUL-2004 P266105	SM093 28-JUL-2004 P266107	SM094 28-JUL-2004 P266111	SM095 28-JUL-2004 P266109	SM096 28-JUL-2004 P266108	SM097 28-JUL-2004 P266106
PCB 18	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 28	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 52	3100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 49	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 44	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 37	2100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 74	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 70	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 66	2100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 101	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 99	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 119	2400	NG/KG	ND	ND	ND	ND	ND	ND
PCB 87	2800	NG/KG	ND	ND	ND	ND	ND	ND
PCB 110	2900	NG/KG	ND	ND	ND	ND	ND	ND
PCB 81	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 151	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 77	2100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 149	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 123	2800	NG/KG	ND	ND	ND	ND	ND	ND
PCB 118	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 114	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 153/168	1200	NG/KG	ND	ND	ND	ND	ND	ND
PCB 105	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 138	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 158	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 187	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 183	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 126	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 128	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 167	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 177	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 201	2900	NG/KG	ND	ND	ND	ND	ND	ND
PCB 156	2900	NG/KG	ND	ND	ND	ND	ND	ND
PCB 157	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 180	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 170	3100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 169	2300	NG/KG	ND	ND	ND	ND	ND	ND
PCB 189	2300	NG/KG	ND	ND	ND	ND	ND	ND
PCB 194	2300	NG/KG	ND	ND	ND	ND	ND	ND
PCB 206	1900	NG/KG	ND	ND	ND	ND	ND	ND
Total PCB's	3100	NG/KG	0	0	0	0	0	0

ND=not detected; NS=not sampled; NA=not analyzed

E=estimated value, value is less than the Method Detection Limit but confirmed by GC/MS-MS

SEDIMENT MAPPING PROJECT
PCB Congeners

From 01-JUL-2004 To 01-SEP-2004

Analyte	MDL	Units	SM098 28-JUL-2004 P266104	SM099 28-JUL-2004 P266101	SM100 28-JUL-2004 P266102	SM101 27-JUL-2004 P266019	SM102 27-JUL-2004 P266022	SM103 27-JUL-2004 P266024
PCB 18	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 28	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 52	3100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 49	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 44	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 37	2100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 74	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 70	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 66	2100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 101	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 99	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 119	2400	NG/KG	ND	ND	ND	ND	ND	ND
PCB 87	2800	NG/KG	ND	ND	ND	ND	ND	ND
PCB 110	2900	NG/KG	ND	ND	ND	ND	ND	ND
PCB 81	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 151	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 77	2100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 149	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 123	2800	NG/KG	ND	ND	ND	ND	ND	ND
PCB 118	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 114	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 153/168	1200	NG/KG	ND	ND	ND	ND	ND	ND
PCB 105	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 138	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 158	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 187	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 183	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 126	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 128	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 167	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 177	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 201	2900	NG/KG	ND	ND	ND	ND	ND	ND
PCB 156	2900	NG/KG	ND	ND	ND	ND	ND	ND
PCB 157	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 180	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 170	3100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 169	2300	NG/KG	ND	ND	ND	ND	ND	ND
PCB 189	2300	NG/KG	ND	ND	ND	ND	ND	ND
PCB 194	2300	NG/KG	ND	ND	ND	ND	ND	ND
PCB 206	1900	NG/KG	ND	ND	ND	ND	ND	ND
Total PCB's	3100	NG/KG	0	0	0	0	0	0

ND=not detected; NS=not sampled; NA=not analyzed

E=estimated value, value is less than the Method Detection Limit but confirmed by GC/MS-MS

SEDIMENT MAPPING PROJECT
PCB Congeners

From 01-JUL-2004 To 01-SEP-2004

Analyte	MDL	Units	SM104 27-JUL-2004 P266026	SM105 27-JUL-2004 P266028	SM106 27-JUL-2004 P266027	SM107 27-JUL-2004 P266025	SM109 27-JUL-2004 P266023	SM110 27-JUL-2004 P266020
PCB 18	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 28	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 52	3100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 49	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 44	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 37	2100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 74	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 70	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 66	2100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 101	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 99	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 119	2400	NG/KG	ND	ND	ND	ND	ND	ND
PCB 87	2800	NG/KG	ND	ND	ND	ND	ND	ND
PCB 110	2900	NG/KG	ND	ND	ND	ND	ND	ND
PCB 81	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 151	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 77	2100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 149	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 123	2800	NG/KG	ND	ND	ND	ND	ND	ND
PCB 118	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 114	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 153/168	1200	NG/KG	ND	ND	ND	ND	ND	ND
PCB 105	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 138	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 158	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 187	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 183	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 126	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 128	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 167	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 177	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 201	2900	NG/KG	ND	ND	ND	ND	ND	ND
PCB 156	2900	NG/KG	ND	ND	ND	ND	ND	ND
PCB 157	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 180	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 170	3100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 169	2300	NG/KG	ND	ND	ND	ND	ND	ND
PCB 189	2300	NG/KG	ND	ND	ND	ND	ND	ND
PCB 194	2300	NG/KG	ND	ND	ND	ND	ND	ND
PCB 206	1900	NG/KG	ND	ND	ND	ND	ND	ND
Total PCB's	3100	NG/KG	0	0	0	0	0	0

ND=not detected; NS=not sampled; NA=not analyzed

E=estimated value, value is less than the Method Detection Limit but confirmed by GC/MS-MS

SEDIMENT MAPPING PROJECT
PCB Congeners

From 01-JUL-2004 To 01-SEP-2004

Analyte	MDL	Units	SM111 27-JUL-2004 P266021	SM112 22-JUL-2004 P265515	SM113 22-JUL-2004 P265518	SM114 22-JUL-2004 P265520	SM115 22-JUL-2004 P265528	SM116 22-JUL-2004 P265522
PCB 18	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 28	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 52	3100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 49	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 44	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 37	2100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 74	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 70	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 66	2100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 101	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 99	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 119	2400	NG/KG	ND	ND	ND	ND	ND	ND
PCB 87	2800	NG/KG	ND	ND	ND	ND	ND	ND
PCB 110	2900	NG/KG	ND	ND	ND	ND	ND	ND
PCB 81	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 151	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 77	2100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 149	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 123	2800	NG/KG	ND	ND	ND	ND	ND	ND
PCB 118	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 114	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 153/168	1200	NG/KG	ND	ND	ND	ND	ND	ND
PCB 105	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 138	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 158	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 187	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 183	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 126	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 128	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 167	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 177	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 201	2900	NG/KG	ND	ND	ND	ND	ND	ND
PCB 156	2900	NG/KG	ND	ND	ND	ND	ND	ND
PCB 157	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 180	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 170	3100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 169	2300	NG/KG	ND	ND	ND	ND	ND	ND
PCB 189	2300	NG/KG	ND	ND	ND	ND	ND	ND
PCB 194	2300	NG/KG	ND	ND	ND	ND	ND	ND
PCB 206	1900	NG/KG	ND	ND	ND	ND	ND	ND
Total PCB's	3100	NG/KG	0	0	0	0	0	0

ND=not detected; NS=not sampled; NA=not analyzed

E=estimated value, value is less than the Method Detection Limit but confirmed by GC/MS-MS

SEDIMENT MAPPING PROJECT
PCB Congeners

From 01-JUL-2004 To 01-SEP-2004

Analyte	MDL	Units	SM117 22-JUL-2004 P265530	SM118 22-JUL-2004 P265529	SM119 22-JUL-2004 P265524	SM120 22-JUL-2004 P265523	SM121 22-JUL-2004 P265521	SM122 21-JUL-2004 P265373
PCB 18	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 28	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 52	3100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 49	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 44	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 37	2100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 74	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 70	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 66	2100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 101	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 99	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 119	2400	NG/KG	ND	ND	ND	ND	ND	ND
PCB 87	2800	NG/KG	ND	ND	ND	ND	ND	ND
PCB 110	2900	NG/KG	ND	ND	ND	ND	ND	ND
PCB 81	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 151	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 77	2100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 149	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 123	2800	NG/KG	ND	ND	ND	ND	ND	ND
PCB 118	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 114	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 153/168	1200	NG/KG	ND	ND	ND	ND	ND	ND
PCB 105	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 138	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 158	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 187	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 183	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 126	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 128	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 167	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 177	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 201	2900	NG/KG	ND	ND	ND	ND	ND	ND
PCB 156	2900	NG/KG	ND	ND	ND	ND	ND	ND
PCB 157	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 180	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 170	3100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 169	2300	NG/KG	ND	ND	ND	ND	ND	ND
PCB 189	2300	NG/KG	ND	ND	ND	ND	ND	ND
PCB 194	2300	NG/KG	ND	ND	ND	ND	ND	ND
PCB 206	1900	NG/KG	ND	ND	ND	ND	ND	ND
Total PCB's	3100	NG/KG	0	0	0	0	0	0

ND=not detected; NS=not sampled; NA=not analyzed

E=estimated value, value is less than the Method Detection Limit but confirmed by GC/MS-MS

SEDIMENT MAPPING PROJECT
PCB Congeners

From 01-JUL-2004 To 01-SEP-2004

Analyte	MDL	Units	SM123 21-JUL-2004 P265376	SM124 21-JUL-2004 P265378	SM125 21-JUL-2004 P265390	SM076 29-JUL-2004 P266340	SM077 29-JUL-2004 P266354	SM078 29-JUL-2004 P266353
PCB 18	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 28	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 52	3100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 49	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 44	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 37	2100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 74	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 70	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 66	2100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 101	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 99	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 119	2400	NG/KG	ND	ND	ND	ND	ND	ND
PCB 87	2800	NG/KG	ND	ND	ND	ND	ND	ND
PCB 110	2900	NG/KG	ND	ND	ND	ND	ND	ND
PCB 81	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 151	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 77	2100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 149	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 123	2800	NG/KG	ND	ND	ND	ND	ND	ND
PCB 118	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 114	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 153/168	1200	NG/KG	ND	ND	ND	ND	ND	ND
PCB 105	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 138	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 158	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 187	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 183	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 126	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 128	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 167	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 177	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 201	2900	NG/KG	ND	ND	ND	ND	ND	ND
PCB 156	2900	NG/KG	ND	ND	ND	ND	ND	ND
PCB 157	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 180	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 170	3100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 169	2300	NG/KG	ND	ND	ND	ND	ND	ND
PCB 189	2300	NG/KG	ND	ND	ND	ND	ND	ND
PCB 194	2300	NG/KG	ND	ND	ND	ND	ND	ND
PCB 206	1900	NG/KG	ND	ND	ND	ND	ND	ND
Total PCB's	3100	NG/KG	0	0	0	0	0	0

ND=not detected; NS=not sampled; NA=not analyzed

E=estimated value, value is less than the Method Detection Limit but confirmed by GC/MS-MS

SEDIMENT MAPPING PROJECT
PCB Congeners

From 01-JUL-2004 To 01-SEP-2004

Analyte	MDL	Units	SM079 29-JUL-2004 P266352	SM130 22-JUL-2004 P265519	SM131 22-JUL-2004 P265516	SM132 22-JUL-2004 P265517	SM133 21-JUL-2004 P265382	SM134 21-JUL-2004 P265381
PCB 18	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 28	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 52	3100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 49	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 44	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 37	2100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 74	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 70	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 66	2100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 101	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 99	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 119	2400	NG/KG	ND	ND	ND	ND	ND	ND
PCB 87	2800	NG/KG	ND	ND	ND	ND	ND	ND
PCB 110	2900	NG/KG	ND	ND	ND	ND	ND	ND
PCB 81	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 151	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 77	2100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 149	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 123	2800	NG/KG	ND	ND	ND	ND	ND	ND
PCB 118	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 114	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 153/168	1200	NG/KG	ND	ND	ND	ND	ND	ND
PCB 105	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 138	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 158	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 187	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 183	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 126	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 128	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 167	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 177	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 201	2900	NG/KG	ND	ND	ND	ND	ND	ND
PCB 156	2900	NG/KG	ND	ND	ND	ND	ND	ND
PCB 157	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 180	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 170	3100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 169	2300	NG/KG	ND	ND	ND	ND	ND	ND
PCB 189	2300	NG/KG	ND	ND	ND	ND	ND	ND
PCB 194	2300	NG/KG	ND	ND	ND	ND	ND	ND
PCB 206	1900	NG/KG	ND	ND	ND	ND	ND	ND
Total PCB's	3100	NG/KG	0	0	0	0	0	0

ND=not detected; NS=not sampled; NA=not analyzed

E=estimated value, value is less than the Method Detection Limit but confirmed by GC/MS-MS

SEDIMENT MAPPING PROJECT
PCB Congeners

From 01-JUL-2004 To 01-SEP-2004

Analyte	MDL	Units	SM135 21-JUL-2004 P265379	SM136 21-JUL-2004 P265377	SM137 21-JUL-2004 P265374	SM138 20-JUL-2004 P265287	SM139 20-JUL-2004 P265290	SM141 21-JUL-2004 P265375
PCB 18	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 28	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 52	3100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 49	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 44	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 37	2100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 74	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 70	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 66	2100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 101	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 99	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 119	2400	NG/KG	ND	ND	ND	ND	ND	ND
PCB 87	2800	NG/KG	ND	ND	ND	ND	ND	ND
PCB 110	2900	NG/KG	ND	ND	ND	ND	ND	ND
PCB 81	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 151	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 77	2100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 149	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 123	2800	NG/KG	ND	ND	ND	ND	ND	ND
PCB 118	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 114	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 153/168	1200	NG/KG	ND	ND	ND	ND	ND	ND
PCB 105	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 138	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 158	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 187	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 183	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 126	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 128	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 167	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 177	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 201	2900	NG/KG	ND	ND	ND	ND	ND	ND
PCB 156	2900	NG/KG	ND	ND	ND	ND	ND	ND
PCB 157	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 180	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 170	3100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 169	2300	NG/KG	ND	ND	ND	ND	ND	ND
PCB 189	2300	NG/KG	ND	ND	ND	ND	ND	ND
PCB 194	2300	NG/KG	ND	ND	ND	ND	ND	ND
PCB 206	1900	NG/KG	ND	ND	ND	ND	ND	ND
Total PCB's	3100	NG/KG	0	0	0	0	0	0

ND=not detected; NS=not sampled; NA=not analyzed

E=estimated value, value is less than the Method Detection Limit but confirmed by GC/MS-MS

SEDIMENT MAPPING PROJECT
PCB Congeners

From 01-JUL-2004 To 01-SEP-2004

Analyte	MDL	Units	SM142 20-JUL-2004 P265292	SM143 20-JUL-2004 P265301	SM144 20-JUL-2004 P265294	SM145 20-JUL-2004 P265303	SM146 20-JUL-2004 P265302	SM147 20-JUL-2004 P265296
PCB 18	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 28	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 52	3100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 49	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 44	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 37	2100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 74	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 70	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 66	2100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 101	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 99	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 119	2400	NG/KG	ND	ND	ND	ND	ND	ND
PCB 87	2800	NG/KG	ND	ND	ND	ND	ND	ND
PCB 110	2900	NG/KG	ND	ND	ND	ND	ND	ND
PCB 81	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 151	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 77	2100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 149	2500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 123	2800	NG/KG	ND	ND	ND	ND	ND	ND
PCB 118	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 114	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 153/168	1200	NG/KG	ND	ND	ND	ND	ND	ND
PCB 105	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 138	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 158	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 187	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 183	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 126	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 128	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 167	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 177	3000	NG/KG	ND	ND	ND	ND	ND	ND
PCB 201	2900	NG/KG	ND	ND	ND	ND	ND	ND
PCB 156	2900	NG/KG	ND	ND	ND	ND	ND	ND
PCB 157	2700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 180	2600	NG/KG	ND	ND	ND	ND	ND	ND
PCB 170	3100	NG/KG	ND	ND	ND	ND	ND	ND
PCB 169	2300	NG/KG	ND	ND	ND	ND	ND	ND
PCB 189	2300	NG/KG	ND	ND	ND	ND	ND	ND
PCB 194	2300	NG/KG	ND	ND	ND	ND	ND	ND
PCB 206	1900	NG/KG	ND	ND	ND	ND	ND	ND
Total PCB's	3100	NG/KG	0	0	0	0	0	0

ND=not detected; NS=not sampled; NA=not analyzed

E=estimated value, value is less than the Method Detection Limit but confirmed by GC/MS-MS

SEDIMENT MAPPING PROJECT
PCB Congeners

From 01-JUL-2004 To 01-SEP-2004

Analyte	MDL	Units	SM148 20-JUL-2004 P265295	SM149 20-JUL-2004 P265293	SM150 20-JUL-2004 P265291	SM151 20-JUL-2004 P265288	SM152 20-JUL-2004 P265289
PCB 18	2600	NG/KG	ND	ND	ND	ND	ND
PCB 28	3000	NG/KG	ND	ND	ND	ND	ND
PCB 52	3100	NG/KG	ND	ND	ND	ND	ND
PCB 49	2700	NG/KG	ND	ND	ND	ND	ND
PCB 44	2600	NG/KG	ND	ND	ND	ND	ND
PCB 37	2100	NG/KG	ND	ND	ND	ND	ND
PCB 74	2700	NG/KG	ND	ND	ND	ND	ND
PCB 70	2700	NG/KG	ND	ND	ND	ND	ND
PCB 66	2100	NG/KG	ND	ND	ND	ND	ND
PCB 101	2600	NG/KG	ND	ND	ND	ND	ND
PCB 99	2500	NG/KG	ND	ND	ND	ND	ND
PCB 119	2400	NG/KG	ND	ND	ND	ND	ND
PCB 87	2800	NG/KG	ND	ND	ND	ND	ND
PCB 110	2900	NG/KG	ND	ND	ND	ND	ND
PCB 81	2500	NG/KG	ND	ND	ND	ND	ND
PCB 151	2500	NG/KG	ND	ND	ND	ND	ND
PCB 77	2100	NG/KG	ND	ND	ND	ND	ND
PCB 149	2500	NG/KG	ND	ND	ND	ND	ND
PCB 123	2800	NG/KG	ND	ND	ND	ND	ND
PCB 118	2700	NG/KG	ND	ND	ND	ND	ND
PCB 114	3000	NG/KG	ND	ND	ND	ND	ND
PCB 153/168	1200	NG/KG	ND	ND	ND	ND	ND
PCB 105	2600	NG/KG	ND	ND	ND	ND	ND
PCB 138	3000	NG/KG	ND	ND	ND	ND	ND
PCB 158	2600	NG/KG	ND	ND	ND	ND	ND
PCB 187	2700	NG/KG	ND	ND	ND	ND	ND
PCB 183	2700	NG/KG	ND	ND	ND	ND	ND
PCB 126	3000	NG/KG	ND	ND	ND	ND	ND
PCB 128	2700	NG/KG	ND	ND	ND	ND	ND
PCB 167	3000	NG/KG	ND	ND	ND	ND	ND
PCB 177	3000	NG/KG	ND	ND	ND	ND	ND
PCB 201	2900	NG/KG	ND	ND	ND	ND	ND
PCB 156	2900	NG/KG	ND	ND	ND	ND	ND
PCB 157	2700	NG/KG	ND	ND	ND	ND	ND
PCB 180	2600	NG/KG	ND	ND	ND	ND	ND
PCB 170	3100	NG/KG	ND	ND	ND	ND	ND
PCB 169	2300	NG/KG	ND	ND	ND	ND	ND
PCB 189	2300	NG/KG	ND	ND	ND	ND	ND
PCB 194	2300	NG/KG	ND	ND	ND	ND	ND
PCB 206	1900	NG/KG	ND	ND	ND	ND	ND
Total PCB's	3100	NG/KG	0	0	0	0	0

ND=not detected; NS=not sampled; NA=not analyzed

E=estimated value, value is less than the Method Detection Limit but confirmed by GC/MS-MS

D. Deep Benthics Study

The San Diego Deep Benthics Pilot Study (DBPS) is a comprehensive pilot study designed to target depositional areas in the Loma Sea Valley off of San Diego where sediments are most likely to accumulate. This report is a prelimary summary of the chemistries for the sampled marine sediments. A comprehensive report, including assessment of both biotic (infaunal communities) and sediment quality (grain size, chemistry) conditions will be published under separate cover.

This study is part of the ongoing activities addressing the recommendations of the Point Loma Outfall Project Report, that included provisions for special studies programs should be developed and implemented to examine the need to extend the City's benthic monitoring program to additional areas where sediments may accumulate. Part of the recommendations included evaluating new target areas including deeper slope and submarine canyon habitats located further offshore of the Point Loma outfall.

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THE CITY OF SAN DIEGO

Special Study
Deep Benthic Monitoring

Point Loma Outfall Project
Interim Report

April 2006

(NPDES PERMIT NO. CA 0107409 – SDRWQCB ORDER NO. R9-2002-0025)

Certified
ISO 14001

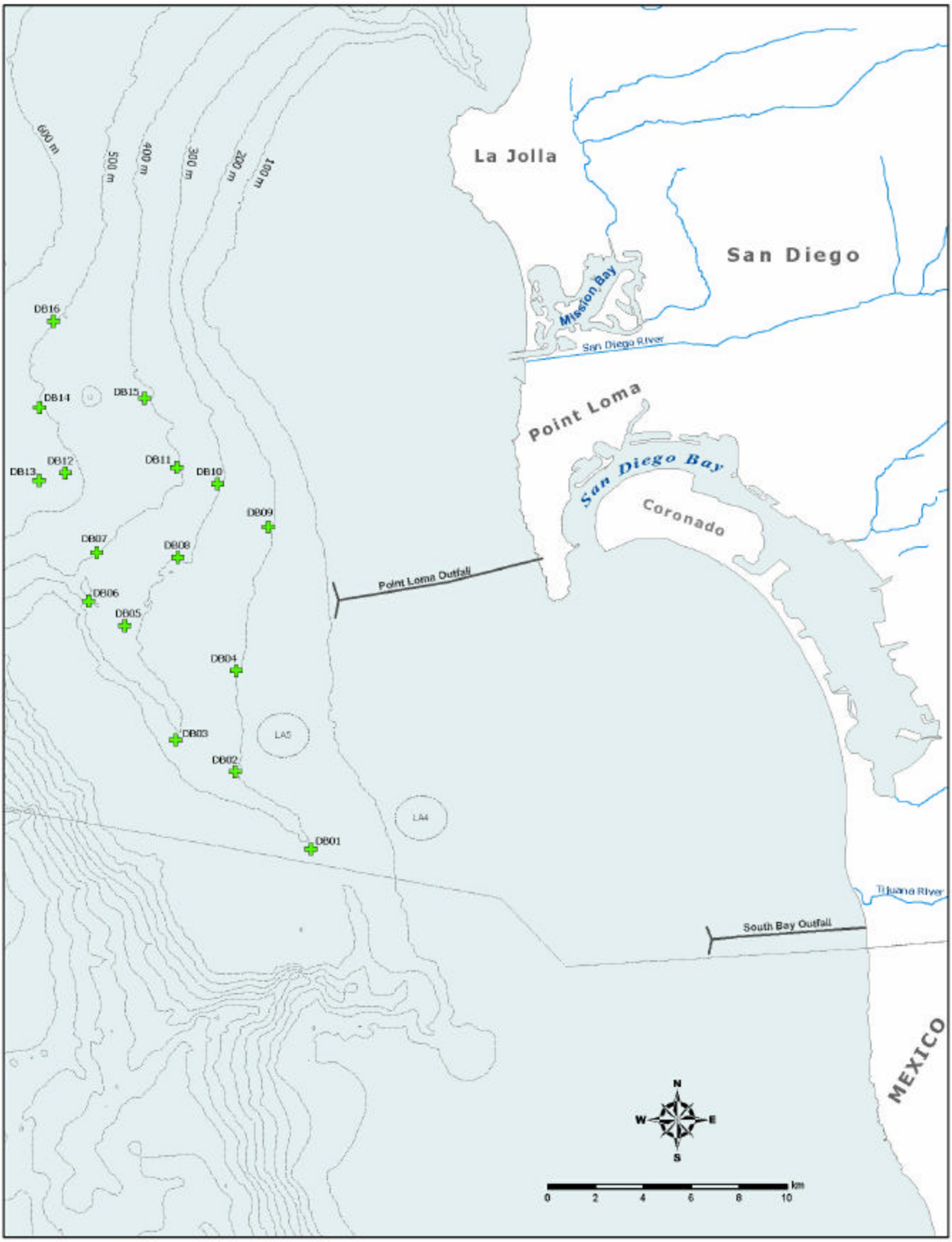
Environmental Monitoring and Technical Services
Metropolitan Wastewater Department
2392 Kincaid Road Mail Station 45A San Diego, CA 92101
Tel (619) 758-2300 Fax (619) 758-2309

Special Study - Interim Report - Deep Benthics Project – 2005
Point Loma Outfall Project

All concentration values are in mass per unit mass on a as received basis unless otherwise shown. All samples collected in October 2005.

Station Locations and identifiers.

Site_class	Station	Depth (meters)	Latitude	Longitude
1	DB01	202	32.34.293	117.20.034
2	DB02	199	32.36.038	117.21.743
1	DB03	303	32.36.761	117.23.089
2	DB04	202	32.38.319	117.21.726
2	DB05	318	32.39.338	117.24.238
1	DB06	414	32.39.887	117.25.052
2	DB07	401	32.40.981	117.24.865
2	DB08	314	32.40.882	117.23.044
3	DB09	204	32.41.570	117.20.998
3	DB10	302	32.42.546	117.22.142
3	DB11	400	32.42.904	117.23.063
2	DB12	519	32.42.795	117.25.584
1	DB13	542	32.42.625	117.26.181
3	DB14	508	32.44.265	117.26.161
2	DB15	402	32.44.480	117.23.790
2	DB16	502	32.46.214	117.25.844


600 m
500 m
400 m
300 m
200 m
100 m
La Jolla
San Diego
Mission Bay
San Diego River
Point Loma
San Diego Bay
Coronado
Point Loma Outfall
DB16
DB14
DB15
DB13
DB12
DB11
DB10
DB09
DB07
DB08
DB06
DB05
DB04
DB03
DB02
DB01
LA5
LA4
Tijuana River
South Bay Outfall
MEXICO
N
W
E
S
km
0
2
4
6
8
10

POINT LOMA WASTEWATER TREATMENT PLANT (Special Project)
DEEP BENTHICS
Sulfide & Total Volatile Solids Analyses

From 01-OCT-2005 to 31-OCT-2005

STATION	DATE	SULF_TOT mg/kg	TVS Wt%
DB01	13-OCT-2005	1.66	3.3
DB02	13-OCT-2005	4.20	6.4
DB03	14-OCT-2005	2.17	5.3
DB04	14-OCT-2005	28.30	6.7
DB05	17-OCT-2005	29.20	8.6
DB06	18-OCT-2005	0.57	4.2
DB07	18-OCT-2005	10.40	8.8
DB08	17-OCT-2005	21.50	8.8
DB09	14-OCT-2005	9.47	4.9
DB10	17-OCT-2005	32.60	9.1
DB11	17-OCT-2005	18.70	8.9
DB12	18-OCT-2005	18.20	9.0
DB13	18-OCT-2005	8.32	9.9
DB14	24-OCT-2005	3.18	9.5
DB15	24-OCT-2005	2.92	7.7
DB16	24-OCT-2005	3.50	10.2

ND= not detected
NA= not analyzed
NS= not sampled

POINT LOMA WASTEWATER TREATMENT PLANT (Special Project)
DEEP BENTHICS- Grain Size
(all values are in percent distribution)

Analyte	DB01 P317746 13-OCT-2005	DB02 P317747 13-OCT-2005	DB03 P317873 14-OCT-2005	DB04 P317874 14-OCT-2005	DB05 P318428 17-OCT-2005
<0.500 microns, Phi 11	0.000	0.000	0.000	0.000	0.000
>0.5 to 1 microns, Phi 10	0.000	0.234	0.255	0.780	0.102
>1 to 1.5 microns, Phi 9.5	0.409	0.691	0.748	0.998	0.603
>1.5 to 2 microns, Phi 9	0.673	0.988	1.040	1.270	0.942
>2.0 to 2.4 microns	0.670	0.957	0.986	1.150	0.963
>2.4 to 2.9 microns, Phi 8.5	0.917	1.280	1.300	1.480	1.340
>2.9 to 3.4 microns	0.975	1.340	1.340	1.500	1.440
>3.4 to 3.9 microns, Phi 8	1.090	1.460	1.450	1.590	1.630
>3.9 to 4 microns	0.226	0.302	0.302	0.328	0.346
>4.0 to 4.3 microns	0.648	0.868	0.867	0.941	0.996
>4.3 to 4.5 microns	0.418	0.559	0.558	0.605	0.644
>4.5 to 5 microns	1.120	1.490	1.490	1.600	1.760
>5 to 5.5 microns	1.100	1.480	1.490	1.590	1.780
>5.5 to 5.7 microns	0.424	0.569	0.574	0.613	0.691
>5.7 to 5.9 microns, Phi 7.5	0.418	0.559	0.565	0.602	0.683
>5.9 to 7.8 microns, Phi 7	3.840	5.210	5.320	5.650	6.590
>7.8 to 8 microns	0.373	0.522	0.540	0.580	0.682
>8 to 8.5 microns	0.894	1.250	1.290	1.390	1.630
>8.5 to 8.9 microns	0.681	0.958	0.991	1.070	1.260
>8.9 to 9.1 microns	0.335	0.481	0.499	0.544	0.639
>9.1 to 9.5 microns	0.647	0.931	0.966	1.050	1.240
>9.5 to 9.8 microns	0.468	0.673	0.698	0.761	0.893
>9.8 to 10.1 microns	0.454	0.653	0.678	0.738	0.867
>10.1 to 10.6 microns	0.748	1.110	1.150	1.280	1.500
>10.6 to 11.1 microns	0.713	1.060	1.100	1.220	1.430
>11.1 to 11.3 microns	0.277	0.409	0.426	0.471	0.554
>11.3 to 11.7 microns, Phi 6.5	0.529	0.793	0.824	0.920	1.080
>11.7 to 14 microns	2.600	4.060	4.180	4.820	5.540
>14 to 14.8 microns	0.788	1.270	1.300	1.530	1.740
>14.8 to 15.6 microns	0.727	1.200	1.210	1.460	1.640
>15.6 to 16 microns	0.341	0.577	0.572	0.707	0.783
>16 to 20 microns	2.880	5.060	4.910	6.270	6.810
>20 to 23 microns, Phi 5.5	1.630	3.110	2.840	3.960	4.100
>23 to 27 microns	1.740	3.590	3.030	4.590	4.550
>27 to 31 microns, Phi 5	1.460	3.220	2.460	4.070	3.870
>31 to 32 microns	0.336	0.773	0.544	0.956	0.891
>32 to 35.6 microns	1.160	2.690	1.810	3.250	3.010
>35.6 to 37 microns, Phi 4.75	0.438	1.030	0.640	1.200	1.100
>37 to 39.6 microns	0.790	1.850	1.130	2.120	1.950
>39.6 to 43.6 microns	1.290	2.920	1.600	3.090	2.830
>43.6 to 44 microns, Phi 4.5	0.122	0.277	0.152	0.293	0.269
>44 to 45 microns	0.305	0.686	0.375	0.722	0.662
>45 to 46.4 microns	0.512	1.050	0.521	0.995	0.913
>46.4 to 53 microns, Phi 4.25	2.370	4.630	2.280	4.300	3.940
>53 to 62.5 microns, Phi 4	4.010	6.230	2.940	5.090	4.680
>62.5 to 64 microns	0.684	0.917	0.433	0.697	0.643
>64 to 71.7 microns	3.790	4.330	2.120	3.130	2.900

POINT LOMA WASTEWATER TREATMENT PLANT (Special Project)
DEEP BENTHICS- Grain Size
(all values are in percent distribution)

Analyte	DB01 P317746 13-OCT-2005	DB02 P317747 13-OCT-2005	DB03 P317873 14-OCT-2005	DB04 P317874 14-OCT-2005	DB05 P318428 17-OCT-2005
>71.7 to 74 microns	1.180	1.190	0.600	0.817	0.761
>74 to 79.6 microns	2.990	2.650	1.410	1.770	1.660
>79.6 to 87.6 microns	4.450	3.290	1.920	2.100	1.970
>87.6 to 88 microns, Phi 3.5	0.212	0.157	0.091	0.100	0.094
>88 to 90 microns	1.160	0.700	0.472	0.432	0.406
>90 to 105 microns, Phi 3.25	8.330	4.420	3.370	2.680	2.520
>105 to 125 microns, Phi 3	9.470	3.940	4.200	2.360	2.210
>125 to 149 microns, Phi 2.75	8.190	2.920	4.570	1.800	1.660
>149 to 160 microns	2.590	0.862	1.880	0.558	0.514
>160 to 177 microns, Phi 2.5	3.200	1.040	2.650	0.697	0.642
>177 to 197 microns	2.490	0.796	2.650	0.576	0.531
>197 to 210 microns, Phi 2.25	1.130	0.354	1.440	0.279	0.257
>210 to 217 microns	0.521	0.163	0.718	0.133	0.122
>217 to 245 microns	1.590	0.484	2.410	0.424	0.392
>245 to 250 microns, Phi 2	0.219	0.065	0.369	0.062	0.057
>250 to 300 microns, Phi 1.75	1.540	0.426	2.840	0.460	0.424
>300 to 320 microns	0.369	0.083	0.753	0.119	0.108
>320 to 350 microns, Phi 1.5	0.489	0.106	1.000	0.159	0.144
>350 to 360 microns	0.130	0.023	0.266	0.043	0.038
>360 to 400 microns	0.479	0.074	0.976	0.157	0.138
>400 to 420 microns, Phi 1.25	0.204	0.000	0.401	0.066	0.055
>420 to 440 microns	0.194	0.000	0.383	0.063	0.052
>440 to 500 microns, Phi 1	0.529	0.000	0.999	0.167	0.127
>500 to 590 microns, Phi 0.75	0.576	0.000	0.825	0.044	0.033
>590 to 630 microns	0.228	0.000	0.164	0.000	0.000
>630 to 696 microns	0.308	0.000	0.177	0.000	0.000
>696 to 710 microns, Phi 0.5	0.039	0.000	0.000	0.000	0.000
>710 to 773 microns	0.165	0.000	0.000	0.000	0.000
>773 to 840 microns, Phi 0.25	0.011	0.000	0.000	0.000	0.000
>840 to 850 microns	0.000	0.000	0.000	0.000	0.000
>850 to 930 microns	0.000	0.000	0.000	0.000	0.000
>930 to 1000 microns, Phi 0	0.000	0.000	0.000	0.000	0.000
1000 to 1100 microns	0.000	0.000	0.000	0.000	0.000
>1100 to 1190 microns, Phi -0.25	0.000	0.000	0.000	0.000	0.000
>1190 to 1300 microns	0.000	0.000	0.000	0.000	0.000
>1300 to 1410 microns, Phi -0.5	0.000	0.000	0.000	0.000	0.000
>1410 to 1680 microns, Phi -0.75	0.000	0.000	0.000	0.000	0.000
>1680 to 2000 microns, Phi -1	0.000	0.000	0.000	0.000	0.000
>2000 microns*	ND	ND	ND	ND	ND
Totals:	100.003	100.040	100.028	100.037	100.021

*=A value in this field reflects a percentage of 30 grams remaining on a 2000 micron sieve. This value must be subtracted from the total percentage.

POINT LOMA WASTEWATER TREATMENT PLANT (Special Project)
DEEP BENTHICS- Grain Size
(all values are in percent distribution)

Analyte	DB06 P318586 18-OCT-2005	DB07 P318587 18-OCT-2005	DB08 P318431 17-OCT-2005	DB09 P317879 14-OCT-2005	DB10 P318433 17-OCT-2005
<0.500 microns, Phi 11	0.000	0.000	0.000	0.000	0.000
>0.5 to 1 microns, Phi 10	0.105	0.113	0.115	0.104	0.251
>1 to 1.5 microns, Phi 9.5	0.561	0.639	0.655	0.571	0.759
>1.5 to 2 microns, Phi 9	0.791	0.965	0.988	0.827	1.100
>2.0 to 2.4 microns	0.760	0.972	0.991	0.807	1.070
>2.4 to 2.9 microns, Phi 8.5	1.010	1.340	1.360	1.080	1.440
>2.9 to 3.4 microns	1.060	1.450	1.460	1.130	1.520
>3.4 to 3.9 microns, Phi 8	1.160	1.640	1.640	1.240	1.670
>3.9 to 4 microns	0.244	0.352	0.350	0.257	0.354
>4.0 to 4.3 microns	0.700	1.010	1.010	0.739	1.020
>4.3 to 4.5 microns	0.452	0.655	0.651	0.476	0.656
>4.5 to 5 microns	1.220	1.800	1.780	1.270	1.780
>5 to 5.5 microns	1.220	1.840	1.800	1.260	1.790
>5.5 to 5.7 microns	0.472	0.714	0.701	0.487	0.695
>5.7 to 5.9 microns, Phi 7.5	0.465	0.707	0.693	0.479	0.686
>5.9 to 7.8 microns, Phi 7	4.440	6.940	6.750	4.500	6.620
>7.8 to 8 microns	0.456	0.730	0.706	0.460	0.689
>8 to 8.5 microns	1.090	1.750	1.690	1.100	1.650
>8.5 to 8.9 microns	0.840	1.350	1.300	0.846	1.270
>8.9 to 9.1 microns	0.426	0.693	0.669	0.430	0.650
>9.1 to 9.5 microns	0.824	1.340	1.290	0.833	1.260
>9.5 to 9.8 microns	0.596	0.969	0.935	0.602	0.910
>9.8 to 10.1 microns	0.578	0.941	0.908	0.584	0.883
>10.1 to 10.6 microns	0.993	1.650	1.590	1.010	1.540
>10.6 to 11.1 microns	0.947	1.570	1.510	0.960	1.470
>11.1 to 11.3 microns	0.367	0.609	0.586	0.372	0.568
>11.3 to 11.7 microns, Phi 6.5	0.712	1.190	1.140	0.727	1.110
>11.7 to 14 microns	3.650	6.180	5.960	3.820	5.760
>14 to 14.8 microns	1.140	1.950	1.880	1.220	1.820
>14.8 to 15.6 microns	1.070	1.840	1.790	1.170	1.720
>15.6 to 16 microns	0.508	0.884	0.858	0.572	0.828
>16 to 20 microns	4.380	7.730	7.530	5.130	7.260
>20 to 23 microns, Phi 5.5	2.570	4.670	4.600	3.330	4.430
>23 to 27 microns	2.760	5.150	5.130	4.030	4.940
>27 to 31 microns, Phi 5	2.250	4.330	4.330	3.770	4.190
>31 to 32 microns	0.499	0.980	0.982	0.929	0.954
>32 to 35.6 microns	1.660	3.270	3.260	3.260	3.190
>35.6 to 37 microns, Phi 4.75	0.591	1.170	1.160	1.270	1.150
>37 to 39.6 microns	1.040	2.060	2.030	2.280	2.020
>39.6 to 43.6 microns	1.500	2.890	2.810	3.620	2.840
>43.6 to 44 microns, Phi 4.5	0.143	0.274	0.266	0.343	0.270
>44 to 45 microns	0.352	0.674	0.653	0.851	0.663
>45 to 46.4 microns	0.502	0.889	0.854	1.290	0.886
>46.4 to 53 microns, Phi 4.25	2.210	3.800	3.650	5.680	3.810
>53 to 62.5 microns, Phi 4	2.980	4.230	4.090	7.400	4.370
>62.5 to 64 microns	0.451	0.557	0.543	1.060	0.589
>64 to 71.7 microns	2.270	2.420	2.380	4.880	2.610

POINT LOMA WASTEWATER TREATMENT PLANT (Special Project)
DEEP BENTHICS- Grain Size
(all values are in percent distribution)

Analyte	DB06 P318586 18-OCT-2005	DB07 P318587 18-OCT-2005	DB08 P318431 17-OCT-2005	DB09 P317879 14-OCT-2005	DB10 P318433 17-OCT-2005
>71.7 to 74 microns	0.659	0.612	0.607	1.300	0.671
>74 to 79.6 microns	1.590	1.300	1.290	2.840	1.440
>79.6 to 87.6 microns	2.230	1.460	1.480	3.380	1.670
>87.6 to 88 microns, Phi 3.5	0.106	0.070	0.070	0.161	0.079
>88 to 90 microns	0.569	0.287	0.296	0.680	0.336
>90 to 105 microns, Phi 3.25	4.150	1.720	1.790	4.120	2.040
>105 to 125 microns, Phi 3	5.300	1.410	1.530	3.330	1.740
>125 to 149 microns, Phi 2.75	5.670	1.010	1.150	2.220	1.280
>149 to 160 microns	2.220	0.309	0.368	0.607	0.394
>160 to 177 microns, Phi 2.5	3.030	0.385	0.469	0.709	0.490
>177 to 197 microns	2.830	0.321	0.412	0.517	0.408
>197 to 210 microns, Phi 2.25	1.450	0.159	0.215	0.226	0.201
>210 to 217 microns	0.707	0.077	0.105	0.103	0.096
>217 to 245 microns	2.300	0.252	0.360	0.307	0.315
>245 to 250 microns, Phi 2	0.339	0.038	0.056	0.041	0.047
>250 to 300 microns, Phi 1.75	2.530	0.292	0.472	0.279	0.366
>300 to 320 microns	0.649	0.080	0.154	0.060	0.104
>320 to 350 microns, Phi 1.5	0.864	0.107	0.213	0.067	0.140
>350 to 360 microns	0.229	0.029	0.066	0.000	0.040
>360 to 400 microns	0.844	0.104	0.248	0.000	0.147
>400 to 420 microns, Phi 1.25	0.352	0.041	0.116	0.000	0.064
>420 to 440 microns	0.335	0.039	0.111	0.000	0.061
>440 to 500 microns, Phi 1	0.892	0.022	0.305	0.000	0.158
>500 to 590 microns, Phi 0.75	1.160	0.000	0.081	0.000	0.041
>590 to 630 microns	0.479	0.000	0.000	0.000	0.000
>630 to 696 microns	0.738	0.000	0.000	0.000	0.000
>696 to 710 microns, Phi 0.5	0.152	0.000	0.000	0.000	0.000
>710 to 773 microns	0.648	0.000	0.000	0.000	0.000
>773 to 840 microns, Phi 0.25	0.634	0.000	0.000	0.000	0.000
>840 to 850 microns	0.090	0.000	0.000	0.000	0.000
>850 to 930 microns	0.538	0.000	0.000	0.000	0.000
>930 to 1000 microns, Phi 0	0.308	0.000	0.000	0.000	0.000
1000 to 1100 microns	0.261	0.000	0.000	0.000	0.000
>1100 to 1190 microns, Phi -0.25	0.141	0.000	0.000	0.000	0.000
>1190 to 1300 microns	0.000	0.000	0.000	0.000	0.000
>1300 to 1410 microns, Phi -0.5	0.000	0.000	0.000	0.000	0.000
>1410 to 1680 microns, Phi -0.75	0.000	0.000	0.000	0.000	0.000
>1680 to 2000 microns, Phi -1	0.000	0.000	0.000	0.000	0.000
>2000 microns*	ND	ND	ND	ND	ND
Totals:	100.009	100.001	99.988	100.003	100.039

*=A value in this field reflects a percentage of 30 grams remaining on a 2000 micron sieve. This value must be subtracted from the total percentage.

POINT LOMA WASTEWATER TREATMENT PLANT (Special Project)
DEEP BENTHICS- Grain Size
(all values are in percent distribution)

Analyte	DB11 P318434 17-OCT-2005	DB12 P318592 18-OCT-2005	DB13 P318593 18-OCT-2005	DB14 P319312 24-OCT-2005	DB15 P319313 24-OCT-2005
<0.500 microns, Phi 11	0.000	0.223	0.000	0.000	0.000
>0.5 to 1 microns, Phi 10	0.261	1.020	0.586	0.388	0.106
>1 to 1.5 microns, Phi 9.5	0.744	1.250	1.020	0.836	0.591
>1.5 to 2 microns, Phi 9	1.070	1.560	1.410	1.180	0.869
>2.0 to 2.4 microns	1.050	1.390	1.320	1.140	0.863
>2.4 to 2.9 microns, Phi 8.5	1.420	1.790	1.740	1.530	1.190
>2.9 to 3.4 microns	1.510	1.820	1.810	1.620	1.280
>3.4 to 3.9 microns, Phi 8	1.690	1.940	1.970	1.790	1.440
>3.9 to 4 microns	0.361	0.407	0.415	0.382	0.309
>4.0 to 4.3 microns	1.040	1.170	1.190	1.100	0.888
>4.3 to 4.5 microns	0.670	0.754	0.770	0.710	0.575
>4.5 to 5 microns	1.830	2.020	2.080	1.940	1.580
>5 to 5.5 microns	1.870	2.020	2.090	1.980	1.620
>5.5 to 5.7 microns	0.725	0.782	0.812	0.768	0.629
>5.7 to 5.9 microns, Phi 7.5	0.718	0.771	0.802	0.760	0.623
>5.9 to 7.8 microns, Phi 7	7.050	7.340	7.700	7.450	6.170
>7.8 to 8 microns	0.748	0.755	0.797	0.785	0.657
>8 to 8.5 microns	1.790	1.810	1.910	1.880	1.570
>8.5 to 8.9 microns	1.380	1.390	1.470	1.450	1.220
>8.9 to 9.1 microns	0.713	0.704	0.745	0.744	0.629
>9.1 to 9.5 microns	1.380	1.360	1.440	1.440	1.220
>9.5 to 9.8 microns	0.998	0.985	1.040	1.040	0.880
>9.8 to 10.1 microns	0.969	0.956	1.010	1.010	0.854
>10.1 to 10.6 microns	1.710	1.650	1.750	1.770	1.510
>10.6 to 11.1 microns	1.630	1.570	1.670	1.690	1.440
>11.1 to 11.3 microns	0.631	0.609	0.647	0.654	0.559
>11.3 to 11.7 microns, Phi 6.5	1.230	1.180	1.250	1.270	1.090
>11.7 to 14 microns	6.480	6.040	6.410	6.590	5.760
>14 to 14.8 microns	2.060	1.880	2.000	2.070	1.830
>14.8 to 15.6 microns	1.950	1.760	1.870	1.940	1.740
>15.6 to 16 microns	0.938	0.837	0.886	0.925	0.838
>16 to 20 microns	8.240	7.230	7.640	8.010	7.380
>20 to 23 microns, Phi 5.5	5.020	4.250	4.460	4.720	4.520
>23 to 27 microns	5.540	4.580	4.760	5.050	5.020
>27 to 31 microns, Phi 5	4.610	3.780	3.870	4.090	4.220
>31 to 32 microns	1.030	0.845	0.853	0.899	0.951
>32 to 35.6 microns	3.390	2.810	2.810	2.960	3.160
>35.6 to 37 microns, Phi 4.75	1.190	0.997	0.984	1.030	1.130
>37 to 39.6 microns	2.080	1.750	1.720	1.810	1.980
>39.6 to 43.6 microns	2.830	2.450	2.360	2.470	2.790
>43.6 to 44 microns, Phi 4.5	0.268	0.232	0.224	0.235	0.264
>44 to 45 microns	0.658	0.570	0.549	0.576	0.650
>45 to 46.4 microns	0.846	0.759	0.716	0.749	0.881
>46.4 to 53 microns, Phi 4.25	3.600	3.260	3.060	3.200	3.800
>53 to 62.5 microns, Phi 4	3.920	3.740	3.450	3.600	4.540
>62.5 to 64 microns	0.509	0.503	0.460	0.479	0.627
>64 to 71.7 microns	2.190	2.230	2.040	2.110	2.840

POINT LOMA WASTEWATER TREATMENT PLANT (Special Project)
DEEP BENTHICS- Grain Size
(all values are in percent distribution)

Analyte	DB11 P318434 17-OCT-2005	DB12 P318592 18-OCT-2005	DB13 P318593 18-OCT-2005	DB14 P319312 24-OCT-2005	DB15 P319313 24-OCT-2005
>71.7 to 74 microns	0.547	0.576	0.523	0.542	0.747
>74 to 79.6 microns	1.150	1.240	1.130	1.160	1.630
>79.6 to 87.6 microns	1.280	1.440	1.310	1.340	1.950
>87.6 to 88 microns, Phi 3.5	0.061	0.069	0.062	0.064	0.093
>88 to 90 microns	0.247	0.292	0.265	0.270	0.404
>90 to 105 microns, Phi 3.25	1.450	1.780	1.620	1.640	2.510
>105 to 125 microns, Phi 3	1.130	1.520	1.400	1.390	2.230
>125 to 149 microns, Phi 2.75	0.753	1.110	1.050	1.010	1.680
>149 to 160 microns	0.209	0.338	0.322	0.303	0.516
>160 to 177 microns, Phi 2.5	0.247	0.417	0.401	0.373	0.641
>177 to 197 microns	0.184	0.341	0.331	0.301	0.524
>197 to 210 microns, Phi 2.25	0.082	0.164	0.160	0.143	0.251
>210 to 217 microns	0.038	0.078	0.076	0.068	0.119
>217 to 245 microns	0.094	0.249	0.244	0.215	0.377
>245 to 250 microns, Phi 2	0.010	0.036	0.035	0.031	0.054
>250 to 300 microns, Phi 1.75	0.023	0.272	0.264	0.229	0.401
>300 to 320 microns	0.000	0.071	0.068	0.058	0.100
>320 to 350 microns, Phi 1.5	0.000	0.095	0.090	0.065	0.132
>350 to 360 microns	0.000	0.025	0.024	0.000	0.034
>360 to 400 microns	0.000	0.094	0.076	0.000	0.124
>400 to 420 microns, Phi 1.25	0.000	0.038	0.000	0.000	0.048
>420 to 440 microns	0.000	0.037	0.000	0.000	0.046
>440 to 500 microns, Phi 1	0.000	0.020	0.000	0.000	0.112
>500 to 590 microns, Phi 0.75	0.000	0.000	0.000	0.000	0.029
>590 to 630 microns	0.000	0.000	0.000	0.000	0.000
>630 to 696 microns	0.000	0.000	0.000	0.000	0.000
>696 to 710 microns, Phi 0.5	0.000	0.000	0.000	0.000	0.000
>710 to 773 microns	0.000	0.000	0.000	0.000	0.000
>773 to 840 microns, Phi 0.25	0.000	0.000	0.000	0.000	0.000
>840 to 850 microns	0.000	0.000	0.000	0.000	0.000
>850 to 930 microns	0.000	0.000	0.000	0.000	0.000
>930 to 1000 microns, Phi 0	0.000	0.000	0.000	0.000	0.000
1000 to 1100 microns	0.000	0.000	0.000	0.000	0.000
>1100 to 1190 microns, Phi -0.25	0.000	0.000	0.000	0.000	0.000
>1190 to 1300 microns	0.000	0.000	0.000	0.000	0.000
>1300 to 1410 microns, Phi -0.5	0.000	0.000	0.000	0.000	0.000
>1410 to 1680 microns, Phi -0.75	0.000	0.000	0.000	0.000	0.000
>1680 to 2000 microns, Phi -1	0.000	0.000	0.000	0.000	0.000
>2000 microns*	ND	ND	ND	ND	ND
Totals:	100.042	100.031	100.017	100.022	100.035

*=A value in this field reflects a percentage of 30 grams remaining on a 2000 micron sieve. This value must be subtracted from the total percentage.

POINT LOMA WASTEWATER TREATMENT PLANT (Special Project)
DEEP BENTHICS- Grain Size
(all values are in percent distribution)

Analyte	DB16 P319314 24-OCT-2005
<0.500 microns, Phi 11	0.000
>0.5 to 1 microns, Phi 10	0.275
>1 to 1.5 microns, Phi 9.5	0.831
>1.5 to 2 microns, Phi 9	1.200
>2.0 to 2.4 microns	1.170
>2.4 to 2.9 microns, Phi 8.5	1.580
>2.9 to 3.4 microns	1.690
>3.4 to 3.9 microns, Phi 8	1.880
>3.9 to 4 microns	0.402
>4.0 to 4.3 microns	1.160
>4.3 to 4.5 microns	0.748
>4.5 to 5 microns	2.050
>5 to 5.5 microns	2.090
>5.5 to 5.7 microns	0.813
>5.7 to 5.9 microns, Phi 7.5	0.805
>5.9 to 7.8 microns, Phi 7	7.920
>7.8 to 8 microns	0.837
>8 to 8.5 microns	2.010
>8.5 to 8.9 microns	1.550
>8.9 to 9.1 microns	0.794
>9.1 to 9.5 microns	1.540
>9.5 to 9.8 microns	1.110
>9.8 to 10.1 microns	1.080
>10.1 to 10.6 microns	1.900
>10.6 to 11.1 microns	1.810
>11.1 to 11.3 microns	0.701
>11.3 to 11.7 microns, Phi 6.5	1.360
>11.7 to 14 microns	7.060
>14 to 14.8 microns	2.220
>14.8 to 15.6 microns	2.080
>15.6 to 16 microns	0.988
>16 to 20 microns	8.540
>20 to 23 microns, Phi 5.5	5.000
>23 to 27 microns	5.280
>27 to 31 microns, Phi 5	4.180
>31 to 32 microns	0.898
>32 to 35.6 microns	2.910
>35.6 to 37 microns, Phi 4.75	0.985
>37 to 39.6 microns	1.710
>39.6 to 43.6 microns	2.230
>43.6 to 44 microns, Phi 4.5	0.212
>44 to 45 microns	0.518
>45 to 46.4 microns	0.642
>46.4 to 53 microns, Phi 4.25	2.720
>53 to 62.5 microns, Phi 4	2.910
>62.5 to 64 microns	0.378
>64 to 71.7 microns	1.650

POINT LOMA WASTEWATER TREATMENT PLANT (Special Project)
DEEP BENTHICS- Grain Size
(all values are in percent distribution)

Analyte	DB16 P319314 24-OCT-2005
>71.7 to 74 microns	0.416
>74 to 79.6 microns	0.890
>79.6 to 87.6 microns	1.020
>87.6 to 88 microns, Phi 3.5	0.049
>88 to 90 microns	0.207
>90 to 105 microns, Phi 3.25	1.270
>105 to 125 microns, Phi 3	1.120
>125 to 149 microns, Phi 2.75	0.873
>149 to 160 microns	0.279
>160 to 177 microns, Phi 2.5	0.354
>177 to 197 microns	0.300
>197 to 210 microns, Phi 2.25	0.148
>210 to 217 microns	0.071
>217 to 245 microns	0.227
>245 to 250 microns, Phi 2	0.033
>250 to 300 microns, Phi 1.75	0.245
>300 to 320 microns	0.061
>320 to 350 microns, Phi 1.5	0.069
>350 to 360 microns	0.000
>360 to 400 microns	0.000
>400 to 420 microns, Phi 1.25	0.000
>420 to 440 microns	0.000
>440 to 500 microns, Phi 1	0.000
>500 to 590 microns, Phi 0.75	0.000
>590 to 630 microns	0.000
>630 to 696 microns	0.000
>696 to 710 microns, Phi 0.5	0.000
>710 to 773 microns	0.000
>773 to 840 microns, Phi 0.25	0.000
>840 to 850 microns	0.000
>850 to 930 microns	0.000
>930 to 1000 microns, Phi 0	0.000
1000 to 1100 microns	0.000
>1100 to 1190 microns, Phi -0.25	0.000
>1190 to 1300 microns	0.000
>1300 to 1410 microns, Phi -0.5	0.000
>1410 to 1680 microns, Phi -0.75	0.000
>1680 to 2000 microns, Phi -1	0.000
>2000 microns*	ND
Totals:	100.049

*=A value in this field reflects a percentage of 30 grams remaining on a 2000 micron sieve. This value must be subtracted from the total percentage.

POINT LOMA WASTEWATER TREATMENT PLANT (Special Project)

DEEP BENTHICS
Trace Metals

From: 01-SEP-2005 to: 31-DEC-2005

Source:			DB01	DB02	DB03	DB04	DB05	DB06
Date:			13-OCT-2005	13-OCT-2005	14-OCT-2005	14-OCT-2005	17-OCT-2005	18-OCT-2005
Sample ID:	MDL	Units	P317778	P317779	P317905	P317906	P318460	P318618
Aluminum	1.15	MG/KG	14100	25100	18000	31500	28800	11200
Antimony	.13	MG/KG	1.65	2.41	2.05	2.53	2.69	1.43
Arsenic	.33	MG/KG	2.59	3.00	4.28	3.85	3.14	3.32
Beryllium	.00119	MG/KG	0.24	0.36	0.33	0.40	0.41	0.30
Cadmium	.0104	MG/KG	0.11	0.21	0.24	0.21	0.33	0.17
Cadmium	.0104	MG/KG	0.11	0.21	0.24	0.21	0.33	0.17
Chromium	.016	MG/KG	21.2	36.8	34.3	40.8	43.4	31.2
Copper	.0278	MG/KG	8.50	18.10	14.20	25.70	20.10	6.40
Iron	.76	MG/KG	15500	23000	20200	27000	25600	17400
Lead	.142	MG/KG	1.41	3.22	3.20	6.15	3.18	2.16
Manganese	.00367	MG/KG	211.0	273.0	177.0	334.0	292.0	112.0
Mercury	.003	MG/KG	0.016	0.111	0.038	0.153	0.062	0.054
Nickel	.0364	MG/KG	9.53	18.30	15.40	20.10	23.70	10.40
Selenium	.24	MG/KG	0.326	0.550	0.736	0.698	1.040	0.506
Silver	.0129	MG/KG	ND	ND	ND	ND	ND	ND
Thallium	.221	MG/KG	ND	ND	ND	ND	ND	ND
Tin	.0586	MG/KG	0.6	1.1	1.3	1.7	1.2	0.8
Zinc	.0521	MG/KG	21.9	35.8	28.7	38.2	43.2	16.9

Source:			DB07	DB08	DB09	DB10	DB11	DB12
Date:			18-OCT-2005	17-OCT-2005	14-OCT-2005	17-OCT-2005	17-OCT-2005	18-OCT-2005
Sample ID:	MDL	Units	P318619	P318463	P317911	P318465	P318466	P318624
Aluminum	1.15	MG/KG	30800	30300	25000	30100	30000	32000
Antimony	.13	MG/KG	2.64	2.73	2.63	2.85	2.74	2.67
Arsenic	.33	MG/KG	3.06	3.09	2.81	3.28	3.48	3.42
Beryllium	.00119	MG/KG	0.43	0.42	0.34	0.44	0.43	0.43
Cadmium	.0104	MG/KG	0.28	0.30	0.26	0.31	0.46	0.50
Cadmium	.0104	MG/KG	0.28	0.30	0.26	0.31	0.46	0.50
Chromium	.016	MG/KG	46.4	45.7	35.3	44.1	46.5	45.6
Copper	.0278	MG/KG	24.30	22.40	17.70	23.90	22.20	22.50
Iron	.76	MG/KG	27000	26400	23300	28200	26700	26800
Lead	.142	MG/KG	3.46	3.84	2.50	5.65	2.66	2.72
Manganese	.00367	MG/KG	320.0	305.0	329.0	313.0	308.0	322.0
Mercury	.003	MG/KG	0.056	0.068	0.071	0.075	0.051	0.059
Nickel	.0364	MG/KG	25.20	24.50	16.10	24.50	25.60	25.80
Selenium	.24	MG/KG	1.220	0.949	0.413	0.909	1.220	1.480
Silver	.0129	MG/KG	ND	ND	ND	ND	ND	ND
Thallium	.221	MG/KG	ND	ND	0.4	ND	ND	ND
Tin	.0586	MG/KG	1.1	1.2	1.0	1.4	0.9	1.1
Zinc	.0521	MG/KG	44.1	46.9	38.2	54.7	49.3	41.6

ND= Not Detected
NA= Not Analyzed
NS= Not Sampled

POINT LOMA WASTEWATER TREATMENT PLANT (Special Project)

DEEP BENTHICS
Trace Metals

From: 01-SEP-2005 to: 31-DEC-2005

Source:			DB13	DB14	DB15	DB16
Date:			18-OCT-2005	24-OCT-2005	24-OCT-2005	24-OCT-2005
Sample ID:	MDL	Units	P318625	P319344	P319345	P319346
Aluminum	1.15	MG/KG	34900	31300	27800	32500
Antimony	.13	MG/KG	2.88	2.54	2.31	2.36
Arsenic	.33	MG/KG	3.11	2.87	2.95	2.91
Beryllium	.00119	MG/KG	0.47	0.42	0.38	0.44
Cadmium	.0104	MG/KG	0.55	0.52	0.42	0.51
Cadmium	.0104	MG/KG	0.55	0.52	0.42	0.51
Chromium	.016	MG/KG	48.0	45.5	40.0	49.4
Copper	.0278	MG/KG	23.10	22.20	17.00	24.20
Iron	.76	MG/KG	28100	25800	24600	27500
Lead	.142	MG/KG	2.43	1.74	3.04	2.84
Manganese	.00367	MG/KG	327.0	324.0	318.0	318.0
Mercury	.003	MG/KG	0.053	0.048	0.050	0.066
Nickel	.0364	MG/KG	27.30	26.00	21.30	29.50
Selenium	.24	MG/KG	1.290	1.420	1.020	1.450
Silver	.0129	MG/KG	ND	ND	ND	ND
Thallium	.221	MG/KG	ND	ND	ND	ND
Tin	.0586	MG/KG	1.1	0.9	1.2	1.2
Zinc	.0521	MG/KG	43.6	39.3	34.3	44.9

ND= Not Detected
NA= Not Analyzed
NS= Not Sampled

POINT LOMA WASTEWATER TREATMENT PLANT (Special Projects)
DEEP BENTHICS - Chlorinated Pesticides

From 01-JAN-2005 To 31-DEC-2005

	MDL	Units	DB01	DB02	DB03	DB04	DB05	DB06
			13-OCT-2005	13-OCT-2005	14-OCT-2005	14-OCT-2005	17-OCT-2005	18-OCT-2005
			P317794	P317795	P317921	P317922	P318476	P318634
Aldrin	700	NG/KG	ND	ND	ND	ND	ND	ND
Dieldrin	700	NG/KG	ND	ND	ND	ND	ND	ND
BHC, Alpha isomer	400	NG/KG	ND	ND	ND	ND	ND	ND
BHC, Beta isomer	400	NG/KG	ND	ND	ND	ND	ND	ND
BHC, Gamma isomer	400	NG/KG	ND	ND	ND	ND	ND	ND
BHC, Delta isomer	400	NG/KG	ND	ND	ND	ND	ND	ND
p,p-DDD	700	NG/KG	ND	ND	ND	ND	ND	ND
p,p-DDE	400	NG/KG	ND	ND	ND	ND	ND	ND
p,p-DDMU		NG/KG	ND	ND	ND	ND	ND	ND
p,p-DDT	700	NG/KG	ND	ND	ND	ND	ND	ND
o,p-DDD	400	NG/KG	ND	ND	ND	ND	ND	ND
o,p-DDE	700	NG/KG	ND	ND	ND	ND	ND	ND
o,p-DDT	700	NG/KG	ND	ND	ND	ND	ND	ND
Heptachlor	700	NG/KG	ND	ND	ND	ND	ND	ND
Heptachlor epoxide	700	NG/KG	ND	ND	ND	ND	ND	ND
Alpha (cis) Chlordane	700	NG/KG	ND	ND	ND	ND	ND	ND
Gamma (trans) Chlordane	700	NG/KG	ND	ND	ND	ND	ND	ND
Alpha Chlordene		NG/KG	NA	NA	NA	NA	NA	NA
Gamma Chlordene		NG/KG	NA	NA	NA	NA	NA	NA
Oxychlordane	700	NG/KG	ND	ND	ND	ND	ND	ND
Trans Nonachlor	700	NG/KG	ND	ND	ND	ND	ND	ND
Cis Nonachlor	700	NG/KG	ND	ND	ND	ND	ND	ND
Alpha Endosulfan	700	NG/KG	ND	ND	ND	ND	ND	ND
Beta Endosulfan	700	NG/KG	ND	ND	ND	ND	ND	ND
Endosulfan Sulfate	700	NG/KG	ND	ND	ND	ND	ND	ND
Endrin	700	NG/KG	ND	ND	ND	ND	ND	ND
Endrin aldehyde	700	NG/KG	ND	ND	ND	ND	ND	ND
Mirex	700	NG/KG	ND	ND	ND	ND	ND	ND
Methoxychlor	700	NG/KG	ND	ND	ND	ND	ND	ND
Aldrin + Dieldrin	700	NG/KG	0	0	0	0	0	0
Hexachlorocyclohexanes	400	NG/KG	0	0	0	0	0	0
DDT and derivatives	700	NG/KG	0	0	0	0	0	0
Chlordane + related cmpds.	700	NG/KG	0	0	0	0	0	0
Chlorinated Hydrocarbons	700	NG/KG	0	0	0	0	0	0

ND=not detected; NS=not sampled; NA=not analyzed

E=estimated value, value is less than the Method Detection Limit but confirmed by GC/MS-MS

POINT LOMA WASTEWATER TREATMENT PLANT (Special Projects)
DEEP BENTHICS - Chlorinated Pesticides

From 01-JAN-2005 To 31-DEC-2005

	MDL	Units	DB07 18-OCT-2005 P318635	DB08 17-OCT-2005 P318479	DB09 14-OCT-2005 P317927	DB10 17-OCT-2005 P318481	DB11 17-OCT-2005 P318482	DB12 18-OCT-2005 P318640
Aldrin	700	NG/KG	ND	ND	ND	ND	ND	ND
Dieldrin	700	NG/KG	ND	ND	ND	ND	ND	ND
BHC, Alpha isomer	400	NG/KG	ND	ND	ND	ND	ND	ND
BHC, Beta isomer	400	NG/KG	ND	ND	ND	ND	ND	ND
BHC, Gamma isomer	400	NG/KG	ND	ND	ND	ND	ND	ND
BHC, Delta isomer	400	NG/KG	ND	ND	ND	ND	ND	ND
p,p-DDD	700	NG/KG	ND	ND	ND	ND	ND	ND
p,p-DDE	400	NG/KG	ND	ND	ND	ND	ND	ND
p,-p-DDMU		NG/KG	ND	ND	ND	ND	ND	ND
p,p-DDT	700	NG/KG	ND	ND	ND	ND	ND	ND
o,p-DDD	400	NG/KG	ND	ND	ND	ND	ND	ND
o,p-DDE	700	NG/KG	ND	ND	ND	ND	ND	ND
o,p-DDT	700	NG/KG	ND	ND	ND	ND	ND	ND
Heptachlor	700	NG/KG	ND	ND	ND	ND	ND	ND
Heptachlor epoxide	700	NG/KG	ND	ND	ND	ND	ND	ND
Alpha (cis) Chlordane	700	NG/KG	ND	ND	ND	ND	ND	ND
Gamma (trans) Chlordane	700	NG/KG	ND	ND	ND	ND	ND	ND
Alpha Chlordene		NG/KG	NA	NA	NA	NA	NA	NA
Gamma Chlordene		NG/KG	NA	NA	NA	NA	NA	NA
Oxychlordane	700	NG/KG	ND	ND	ND	ND	ND	ND
Trans Nonachlor	700	NG/KG	ND	ND	ND	ND	ND	ND
Cis Nonachlor	700	NG/KG	ND	ND	ND	ND	ND	ND
Alpha Endosulfan	700	NG/KG	ND	ND	ND	ND	ND	ND
Beta Endosulfan	700	NG/KG	ND	ND	ND	ND	ND	ND
Endosulfan Sulfate	700	NG/KG	ND	ND	ND	ND	ND	ND
Endrin	700	NG/KG	ND	ND	ND	ND	ND	ND
Endrin aldehyde	700	NG/KG	ND	ND	ND	ND	ND	ND
Mirex	700	NG/KG	ND	ND	ND	ND	ND	ND
Methoxychlor	700	NG/KG	ND	ND	ND	ND	ND	ND
Aldrin + Dieldrin	700	NG/KG	0	0	0	0	0	0
Hexachlorocyclohexanes	400	NG/KG	0	0	0	0	0	0
DDT and derivatives	700	NG/KG	0	0	0	0	0	0
Chlordane + related cmpds.	700	NG/KG	0	0	0	0	0	0
Chlorinated Hydrocarbons	700	NG/KG	0	0	0	0	0	0

ND=not detected; NS=not sampled; NA=not analyzed

E=estimated value, value is less than the Method Detection Limit but confirmed by GC/MS-MS

POINT LOMA WASTEWATER TREATMENT PLANT (Special Projects)
DEEP BENTHICS - Chlorinated Pesticides

From 01-JAN-2005 To 31-DEC-2005

	MDL	Units	DB13 18-OCT-2005 P318641	DB14 24-OCT-2005 P319360	DB15 24-OCT-2005 P319361	DB16 24-OCT-2005 P319362
Aldrin	700	NG/KG	ND	ND	ND	ND
Dieldrin	700	NG/KG	ND	ND	ND	ND
BHC, Alpha isomer	400	NG/KG	ND	ND	ND	ND
BHC, Beta isomer	400	NG/KG	ND	ND	ND	ND
BHC, Gamma isomer	400	NG/KG	ND	ND	ND	ND
BHC, Delta isomer	400	NG/KG	ND	ND	ND	ND
p,p-DDD	700	NG/KG	ND	ND	ND	ND
p,p-DDE	400	NG/KG	ND	ND	ND	ND
p,-p-DDMU		NG/KG	ND	ND	ND	ND
p,p-DDT	700	NG/KG	ND	ND	ND	ND

o,p-DDD	400	NG/KG	ND	ND	ND	ND
o,p-DDE	700	NG/KG	ND	ND	ND	ND
o,p-DDT	700	NG/KG	ND	ND	ND	ND
Heptachlor	700	NG/KG	ND	ND	ND	ND
Heptachlor epoxide	700	NG/KG	ND	ND	ND	ND
Alpha (cis) Chlordane	700	NG/KG	ND	ND	ND	ND
Gamma (trans) Chlordane	700	NG/KG	ND	ND	ND	ND
Alpha Chlordene		NG/KG	NA	NA	NA	NA
Gamma Chlordene		NG/KG	NA	NA	NA	NA
Oxychlordane	700	NG/KG	ND	ND	ND	ND
Trans Nonachlor	700	NG/KG	ND	ND	ND	ND
Cis Nonachlor	700	NG/KG	ND	ND	ND	ND
Alpha Endosulfan	700	NG/KG	ND	ND	ND	ND
Beta Endosulfan	700	NG/KG	ND	ND	ND	ND
Endosulfan Sulfate	700	NG/KG	ND	ND	ND	ND
Endrin	700	NG/KG	ND	ND	ND	ND
Endrin aldehyde	700	NG/KG	ND	ND	ND	ND
Mirex	700	NG/KG	ND	ND	ND	ND
Methoxychlor	700	NG/KG	ND	ND	ND	ND
Aldrin + Dieldrin	700	NG/KG	0	0	0	0
Hexachlorocyclohexanes	400	NG/KG	0	0	0	0
DDT and derivatives	700	NG/KG	0	0	0	0
Chlordane + related cmpds.	700	NG/KG	0	0	0	0
Chlorinated Hydrocarbons	700	NG/KG	0	0	0	0

ND=not detected; NS=not sampled; NA=not analyzed

E=estimated value, value is less than the Method Detection Limit but confirmed by GC/MS-MS

POINT LOMA WASTEWATER TREATMENT PLANT (Special Projects)
DEEP BENTHICS - PCB's -

From 01-JAN-2005 To 31-DEC-2005

Analyte	MDL	Units	DB01 13-OCT-2005 P317794	DB02 13-OCT-2005 P317795	DB03 14-OCT-2005 P317921	DB04 14-OCT-2005 P317922	DB05 17-OCT-2005 P318476	DB06 18-OCT-2005 P318634
PCB 18	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 28	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 52	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 49	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 44	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 37	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 74	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 70	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 66	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 101	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 99	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 119	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 87	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 110	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 81	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 151	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 77	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 149	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 123	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 118	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 114	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 153/168	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 105	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 138	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 158	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 187	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 183	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 126	1500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 128	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 167	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 177	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 201	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 156	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 157	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 180	400	NG/KG	ND	ND	ND	ND	ND	ND
PCB 170	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 169	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 189	400	NG/KG	ND	ND	ND	ND	ND	ND
PCB 194	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 206	700	NG/KG	ND	ND	ND	ND	ND	ND
Total PCB's	1500	NG/KG	0	0	0	0	0	0

ND=not detected; NS=not sampled; NA=not analyzed

E=estimated value, value is less than the Method Detection Limit but confirmed by GC/MS-MS

POINT LOMA WASTEWATER TREATMENT PLANT (Special Projects)
DEEP BENTHICS - PCB's -

From 01-JAN-2005 To 31-DEC-2005

Analyte	MDL	Units	DB07 18-OCT-2005 P318635	DB08 17-OCT-2005 P318479	DB09 14-OCT-2005 P317927	DB10 17-OCT-2005 P318481	DB11 17-OCT-2005 P318482	DB12 18-OCT-2005 P318640
PCB 18	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 28	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 52	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 49	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 44	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 37	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 74	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 70	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 66	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 101	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 99	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 119	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 87	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 110	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 81	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 151	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 77	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 149	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 123	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 118	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 114	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 153/168	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 105	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 138	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 158	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 187	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 183	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 126	1500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 128	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 167	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 177	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 201	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 156	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 157	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 180	400	NG/KG	ND	ND	ND	ND	ND	ND
PCB 170	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 169	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 189	400	NG/KG	ND	ND	ND	ND	ND	ND
PCB 194	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 206	700	NG/KG	ND	ND	ND	ND	ND	ND
Total PCB's	1500	NG/KG	0	0	0	0	0	0

ND=not detected; NS=not sampled; NA=not analyzed

E=estimated value, value is less than the Method Detection Limit but confirmed by GC/MS-MS

POINT LOMA WASTEWATER TREATMENT PLANT (Special Projects)
DEEP BENTHICS - PCB's -

From 01-JAN-2005 To 31-DEC-2005

Analyte	MDL	Units	DB13 18-OCT-2005 P318641	DB14 24-OCT-2005 P319360	DB15 24-OCT-2005 P319361	DB16 24-OCT-2005 P319362
PCB 18	700	NG/KG	ND	ND	ND	ND
PCB 28	700	NG/KG	ND	ND	ND	ND
PCB 52	700	NG/KG	ND	ND	ND	ND
PCB 49	700	NG/KG	ND	ND	ND	ND
PCB 44	700	NG/KG	ND	ND	ND	ND
PCB 37	700	NG/KG	ND	ND	ND	ND
PCB 74	700	NG/KG	ND	ND	ND	ND
PCB 70	700	NG/KG	ND	ND	ND	ND
PCB 66	700	NG/KG	ND	ND	ND	ND
PCB 101	700	NG/KG	ND	ND	ND	ND
PCB 99	700	NG/KG	ND	ND	ND	ND
PCB 119	700	NG/KG	ND	ND	ND	ND
PCB 87	700	NG/KG	ND	ND	ND	ND
PCB 110	700	NG/KG	ND	ND	ND	ND
PCB 81	700	NG/KG	ND	ND	ND	ND
PCB 151	700	NG/KG	ND	ND	ND	ND
PCB 77	700	NG/KG	ND	ND	ND	ND
PCB 149	700	NG/KG	ND	ND	ND	ND
PCB 123	700	NG/KG	ND	ND	ND	ND
PCB 118	700	NG/KG	ND	ND	ND	ND
PCB 114	700	NG/KG	ND	ND	ND	ND
PCB 153/168	700	NG/KG	ND	ND	ND	ND
PCB 105	700	NG/KG	ND	ND	ND	ND
PCB 138	700	NG/KG	ND	ND	ND	ND
PCB 158	700	NG/KG	ND	ND	ND	ND
PCB 187	700	NG/KG	ND	ND	ND	ND
PCB 183	700	NG/KG	ND	ND	ND	ND
PCB 126	1500	NG/KG	ND	ND	ND	ND
PCB 128	700	NG/KG	ND	ND	ND	ND
PCB 167	700	NG/KG	ND	ND	ND	ND
PCB 177	700	NG/KG	ND	ND	ND	ND
PCB 201	700	NG/KG	ND	ND	ND	ND
PCB 156	700	NG/KG	ND	ND	ND	ND
PCB 157	700	NG/KG	ND	ND	ND	ND
PCB 180	400	NG/KG	ND	ND	ND	ND
PCB 170	700	NG/KG	ND	ND	ND	ND
PCB 169	700	NG/KG	ND	ND	ND	ND
PCB 189	400	NG/KG	ND	ND	ND	ND
PCB 194	700	NG/KG	ND	ND	ND	ND
PCB 206	700	NG/KG	ND	ND	ND	ND
Total PCB's	1500	NG/KG	0	0	0	0

ND=not detected; NS=not sampled; NA=not analyzed

E=estimated value, value is less than the Method Detection Limit but confirmed by GC/MS-MS

POINT LOMA WASTEWATER TREATMENT PLANT (Special Project)

DEEP BENTHICS
Total Organic Carbon & Nitrogen

From 01-SEP-2005 to 31-DEC-2005

STATION	DATE	TOC Wt%	TN Wt%
DB01	13-OCT-2005	1.7	0.1
DB02	13-OCT-2005	2.7	0.2
DB03	14-OCT-2005	2.7	0.1
DB04	14-OCT-2005	2.4	0.2
DB05	17-OCT-2005	3.4	0.2
DB06	18-OCT-2005	2.1	0.1
DB07	18-OCT-2005	3.3	0.2
DB08	17-OCT-2005	3.0	0.2
DB09	14-OCT-2005	1.9	0.1
DB10	17-OCT-2005	3.0	0.2
DB11	17-OCT-2005	3.2	0.3
DB12	18-OCT-2005	3.3	0.3
DB13	18-OCT-2005	3.3	0.3
DB14	24-OCT-2005	3.1	0.2
DB15	24-OCT-2005	2.7	0.2
DB16	24-OCT-2005	3.2	0.2

ND= not detected
NA= not analyzed
NS= not sampled