

- V. Ocean Monitoring Data Summary
  - A. Ocean Sediment Chemistry Data Tables.
  - B. Fish Tissue Chemistry Data Tables.

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

### Summary of Sampling Technique<sup>5</sup>:

#### 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<sup>2</sup> 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. Samples are placed directly into the appropriate labeled container 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 on a based on dry weight of sample.

#### Fish Tissue

Several species of flat fish and rock fish are taken by Otter trawls and/or rig fishing. The dissected muscle and liver tissues are frozen and delivered to the laboratory for analysis. Tissue samples are kept frozen until prepared for analyses.

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<sup>5</sup> For complete description of the sampling protocols, dissections, 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 2000

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.

Benthic sampling stations are 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 27 benthic stations sampled this year are identified on the preceding map and cross-referenced below. No Duplicate field stations taken this year

Station

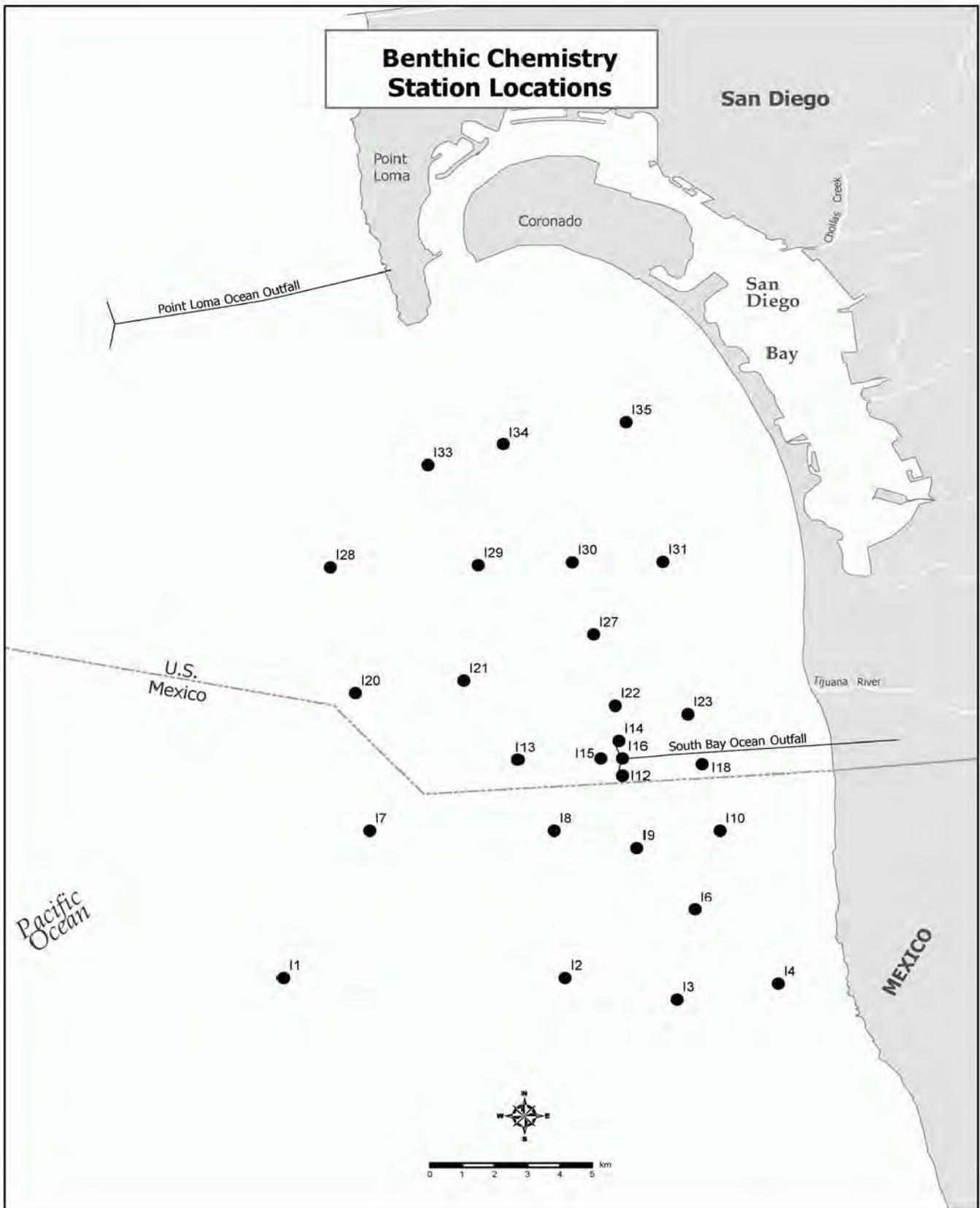
I-1	I-12	I-23
I-2	I-13	I-27
I-3	I-14	I-28
I-4	I-15	I-29
I-6	I-16	I-30
I-7	I-18	I-31
I-8	I-20	I-33
I-9	I-21	I-34
I-10	I-22	I-35

2006 Random Stations

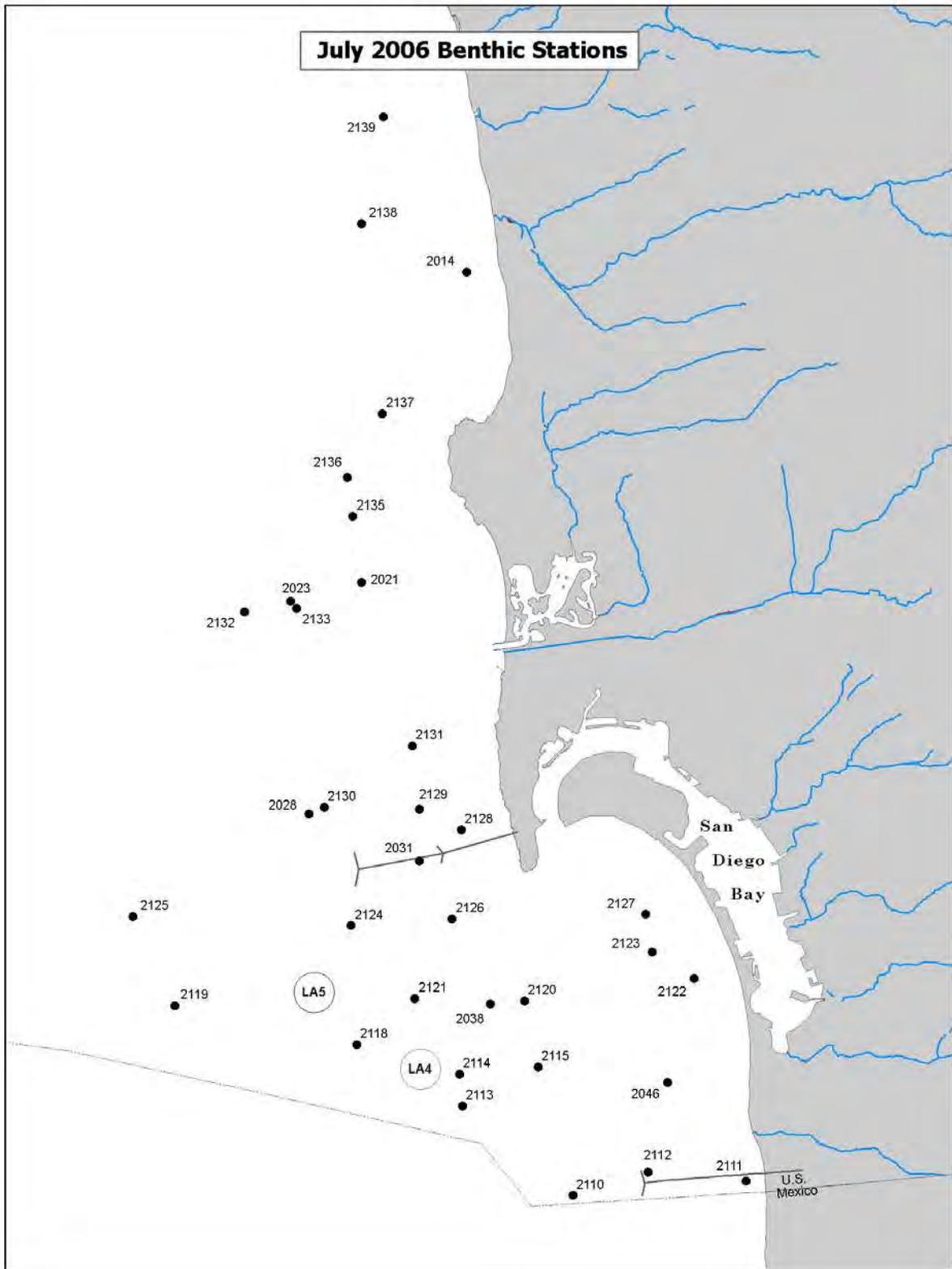
Source	Sample Date	Source	Sample Date	Source	Sample Date
2014	21-AUG-2006	2115	14-AUG-2006	2130	18-AUG-2006
2019*	21-AUG-2006	2116*	14-AUG-2006	2131	18-AUG-2006
2021	22-AUG-2006	2117*	18-AUG-2006	2132	22-AUG-2006
2023	22-AUG-2006	2118	17-AUG-2006	2133	22-AUG-2006
2024*	21-AUG-2006	2119	18-AUG-2006	2134*	21-AUG-2006
2028	18-AUG-2006	2120	14-AUG-2006	2135	21-AUG-2006
2031	17-AUG-2006	2121	17-AUG-2006	2136	21-AUG-2006
2038	17-AUG-2006	2122	14-AUG-2006	2137	21-AUG-2006
2043*	22-AUG-2006	2123	14-AUG-2006	2138	21-AUG-2006
2046	14-AUG-2006	2124	17-AUG-2006	2139	21-AUG-2006
2110	14-AUG-2006	2125	18-AUG-2006		
2111	14-AUG-2006	2126	17-AUG-2006		
2112	14-AUG-2006	2127	14-AUG-2006		
2113	17-AUG-2006	2128	17-AUG-2006		
2114	17-AUG-2006	2129	17-AUG-2006		

\* = Station abandoned, no samples taken.

SBWRP Benthic (ocean sediment) stations.



2006 San Diego Benthic Mini-Regional Stations map



SOUTH BAY OCEAN OUTFALL MONITORING  
 SEDIMENT ANNUAL - International Stations  
 Sulfide and Total Volatile Solids Analysis  
 From 01-JAN-2006 To 31-DEC-2006

		I-1	I-2	I-3	I-4	I-6	I-7	I-8	I-9	I-10
	MDL Units	2006	2006	2006	2006	2006	2006	2006	2006	2006
		Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
Sulfides-Total	.14 MG/KG	0.74	0.30	0.78	3.01	<0.14	0.19	0.24	9.19	1.09
Total Volatile Solids	.11 WT%	0.93	0.33	0.27	0.62	0.33	0.35	0.34	1.19	0.72
	MDL Units	I-12	I-13	I-14	I-15	I-16	I-18	I-20	I-21	I-22
		2006	2006	2006	2006	2006	2006	2006	2006	2006
		Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
Sulfides-Total	.14 MG/KG	0.39	0.24	10.90	0.25	1.37	2.12	0.19	<0.14	7.28
Total Volatile Solids	.11 WT%	0.53	0.52	1.05	0.47	0.75	0.62	0.43	0.51	0.85
	MDL Units	I-23	I-27	I-28	I-29	I-30	I-31	I-33	I-34	I-35
		2006	2006	2006	2006	2006	2006	2006	2006	2006
		Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
Sulfides-Total	.14 MG/KG	1.44	1.15	11.00	5.08	6.48	1.17	14.10	0.15	32.20
Total Volatile Solids	.11 WT%	1.28	2.20	1.77	1.98	1.21	0.60	1.51	0.52	1.69

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

SOUTH BAY OCEAN OUTFALL MONITORING  
 SEDIMENT ANNUAL - International Stations  
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 From 01-JAN-2006 To 31-DEC-2006

		2014	2021	2023	2028	2031	2038	2046	2110	2111
		2006	2006	2006	2006	2006	2006	2006	2006	2006
	MDL Units	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg
=====	====	=====	=====	=====	=====	=====	=====	=====	=====	=====
Sulfides-Total	.14 MG/KG	2.58	0.81	0.17	1.91	2.75	0.86	0.35	ND	33.80
Total Volatile Solids	.11 WT%	2.30	3.40	3.70	4.95	3.00	2.20	0.84	0.46	1.80
		2112	2113	2114	2115	2118	2119	2120	2121	2122
		2006	2006	2006	2006	2006	2006	2006	2006	2006
	MDL Units	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg
=====	====	=====	=====	=====	=====	=====	=====	=====	=====	=====
Sulfides-Total	.14 MG/KG	0.81	1.26	2.12	ND	2.47	1.19	1.54	6.92	26.20
Total Volatile Solids	.11 WT%	1.10	1.30	1.60	0.59	3.10	3.30	1.90	2.60	1.00
		2123	2124	2125	2126	2127	2128	2129	2130	2131
		2006	2006	2006	2006	2006	2006	2006	2006	2006
	MDL Units	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg
=====	====	=====	=====	=====	=====	=====	=====	=====	=====	=====
Sulfides-Total	.14 MG/KG	10.20	0.83	0.27	10.60	22.20	19.50	1.42	1.12	0.57
Total Volatile Solids	.11 WT%	2.00	2.50	3.20	2.90	0.94	1.30	3.00	3.60	3.20
		2132	2133	2135	2136	2137	2138	2139		
		2006	2006	2006	2006	2006	2006	2006		
	MDL Units	Avg	Avg	Avg	Avg	Avg	Avg	Avg		
=====	====	=====	=====	=====	=====	=====	=====	=====		
Sulfides-Total	.14 MG/KG	1.06	0.53	1.08	0.62	0.24	3.55	0.93		
Total Volatile Solids	.11 WT%	4.30	4.05	3.90	3.20	3.00	4.30	2.25		

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

SOUTH BAY OCEAN OUTFALL MONITORING  
 SEDIMENT SEMI-ANNUAL- Grain Size  
 (all values are in percent distribution)  
 From 01-JAN-2006 to 31-DEC-2006

Analyte	I-1		I-2		I-3
	P327284	P347969	P327300	P347978	P327302
	05-JAN-2006	06-JUL-2006	05-JAN-2006	06-JUL-2006	05-JAN-2006
<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	0.022	0.046	0.000	0.000	0.000
>2.4 to 2.9 microns, Phi 8.5	0.127	0.172	0.000	0.000	0.000
>2.9 to 3.4 microns	0.162	0.181	0.000	0.000	0.000
>3.4 to 3.9 microns, Phi 8	0.174	0.196	0.000	0.000	0.000
>3.9 to 4 microns	0.037	0.042	0.000	0.000	0.000
>4.0 to 4.3 microns	0.107	0.122	0.000	0.000	0.000
>4.3 to 4.5 microns	0.069	0.079	0.000	0.000	0.000
>4.5 to 5 microns	0.186	0.213	0.000	0.000	0.000
>5 to 5.5 microns	0.187	0.215	0.000	0.000	0.000
>5.5 to 5.7 microns	0.073	0.084	0.000	0.000	0.000
>5.7 to 5.9 microns, Phi 7.5	0.072	0.083	0.000	0.000	0.000
>5.9 to 7.8 microns, Phi 7	0.694	0.804	0.000	0.000	0.000
>7.8 to 8 microns	0.072	0.083	0.000	0.000	0.000
>8 to 8.5 microns	0.171	0.198	0.000	0.000	0.000
>8.5 to 8.9 microns	0.132	0.152	0.000	0.000	0.000
>8.9 to 9.1 microns	0.067	0.077	0.000	0.000	0.000
>9.1 to 9.5 microns	0.130	0.149	0.000	0.000	0.000
>9.5 to 9.8 microns	0.094	0.108	0.000	0.000	0.000
>9.8 to 10.1 microns	0.091	0.105	0.000	0.000	0.000
>10.1 to 10.6 microns	0.156	0.179	0.000	0.000	0.000
>10.6 to 11.1 microns	0.149	0.171	0.000	0.000	0.000
>11.1 to 11.3 microns	0.058	0.066	0.000	0.000	0.000
>11.3 to 11.7 microns, Phi 6.5	0.112	0.129	0.000	0.000	0.000
>11.7 to 14 microns	0.583	0.660	0.000	0.000	0.000
>14 to 14.8 microns	0.182	0.205	0.000	0.000	0.000
>14.8 to 15.6 microns	0.171	0.191	0.000	0.000	0.000
>15.6 to 16 microns	0.082	0.091	0.000	0.000	0.000
>16 to 20 microns	0.706	0.776	0.000	0.000	0.000
>20 to 23 microns, Phi 5.5	0.417	0.448	0.000	0.000	0.000
>23 to 27 microns	0.453	0.477	0.000	0.000	0.000
>27 to 31 microns, Phi 5	0.383	0.400	0.000	0.000	0.000
>31 to 32 microns	0.089	0.093	0.000	0.000	0.000
>32 to 35.6 microns	0.309	0.328	0.000	0.000	0.000
>35.6 to 37 microns, Phi 4.75	0.119	0.128	0.000	0.000	0.000
>37 to 39.6 microns	0.217	0.235	0.000	0.000	0.000
>39.6 to 43.6 microns	0.375	0.414	0.000	0.000	0.000
>43.6 to 44 microns, Phi 4.5	0.036	0.040	0.000	0.000	0.000
>44 to 45 microns	0.090	0.099	0.000	0.000	0.000
>45 to 46.4 microns	0.172	0.188	0.000	0.000	0.000
>46.4 to 53 microns, Phi 4.25	0.840	0.911	0.000	0.000	0.000
>53 to 62.5 microns, Phi 4	1.820	1.880	0.055	0.046	0.000
>62.5 to 64 microns	0.355	0.357	0.022	0.019	0.000
>64 to 71.7 microns	2.300	2.270	0.141	0.108	0.000



SOUTH BAY OCEAN OUTFALL MONITORING  
 SEDIMENT SEMI-ANNUAL- Grain Size  
 (all values are in percent distribution)  
 From 01-JAN-2006 to 31-DEC-2006

Analyte	I-1		I-2		I-3
	P327284 05-JAN-2006	P347969 06-JUL-2006	P327300 05-JAN-2006	P347978 06-JUL-2006	P327302 05-JAN-2006
>71.7 to 74 microns	0.789	0.768	0.048	0.035	0.000
>74 to 79.6 microns	2.240	2.170	0.142	0.098	0.026
>79.6 to 87.6 microns	3.780	3.650	0.250	0.164	0.085
>87.6 to 88 microns, Phi 3.5	0.180	0.174	0.012	0.008	0.004
>88 to 90 microns	1.170	1.140	0.091	0.058	0.029
>90 to 105 microns, Phi 3.25	9.490	9.270	0.846	0.536	0.268
>105 to 125 microns, Phi 3	14.100	14.100	1.960	1.290	0.639
>125 to 149 microns, Phi 2.75	15.500	16.000	3.820	2.760	1.420
>149 to 160 microns	5.800	6.150	2.490	2.020	1.110
>160 to 177 microns, Phi 2.5	7.660	8.190	4.210	3.580	2.040
>177 to 197 microns	6.550	7.070	5.950	5.560	3.430
>197 to 210 microns, Phi 2.25	3.070	3.280	4.260	4.310	2.920
>210 to 217 microns	1.440	1.530	2.300	2.370	1.640
>217 to 245 microns	4.380	4.560	9.040	9.680	7.190
>245 to 250 microns, Phi 2	0.603	0.610	1.580	1.730	1.350
>250 to 300 microns, Phi 1.75	4.130	3.940	14.000	15.700	13.500
>300 to 320 microns	0.902	0.737	4.340	4.850	4.900
>320 to 350 microns, Phi 1.5	1.180	0.935	5.810	6.460	6.690
>350 to 360 microns	0.287	0.198	1.560	1.690	1.950
>360 to 400 microns	1.050	0.707	5.710	6.150	7.200
>400 to 420 microns, Phi 1.25	0.406	0.231	2.250	2.340	3.020
>420 to 440 microns	0.387	0.220	2.150	2.230	2.880
>440 to 500 microns, Phi 1	0.977	0.474	5.240	5.270	7.280
>500 to 590 microns, Phi 0.75	0.799	0.117	5.930	5.780	8.470
>590 to 630 microns	0.159	0.000	2.010	1.920	2.890
>630 to 696 microns	0.171	0.000	2.910	2.770	4.180
>696 to 710 microns, Phi 0.5	0.000	0.000	0.516	0.492	0.737
>710 to 773 microns	0.000	0.000	2.200	2.100	3.150
>773 to 840 microns, Phi 0.25	0.000	0.000	1.820	1.750	2.560
>840 to 850 microns	0.000	0.000	0.256	0.246	0.360
>850 to 930 microns	0.000	0.000	1.730	1.670	2.410
>930 to 1000 microns, Phi 0	0.000	0.000	1.210	1.170	1.660
1000 to 1100 microns	0.000	0.000	1.160	1.130	1.570
>1100 to 1190 microns, Phi -0.25	0.000	0.000	0.778	0.760	1.040
>1190 to 1300 microns	0.000	0.000	0.550	0.539	0.713
>1300 to 1410 microns, Phi -0.5	0.000	0.000	0.359	0.352	0.420
>1410 to 1680 microns, Phi -0.75	0.000	0.000	0.287	0.281	0.300
>1680 to 2000 microns, Phi -1	0.000	0.000	0.000	0.000	0.000
Totals:	100.041	100.066	99.993	100.022	100.031

SOUTH BAY OCEAN OUTFALL MONITORING  
 SEDIMENT SEMI-ANNUAL- Grain Size  
 (all values are in percent distribution)  
 From 01-JAN-2006 to 31-DEC-2006

Analyte	I-3	I-4	I-4	I-6	I-6
	P347987	P327310	P347995	P327314	P347999
	06-JUL-2006	05-JAN-2006	06-JUL-2006	05-JAN-2006	06-JUL-2006
<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	0.107	0.000	0.000
>3.4 to 3.9 microns, Phi 8	0.000	0.000	0.129	0.000	0.000
>3.9 to 4 microns	0.000	0.018	0.027	0.000	0.000
>4.0 to 4.3 microns	0.000	0.055	0.079	0.000	0.000
>4.3 to 4.5 microns	0.000	0.035	0.051	0.000	0.000
>4.5 to 5 microns	0.000	0.090	0.134	0.000	0.000
>5 to 5.5 microns	0.000	0.088	0.134	0.000	0.000
>5.5 to 5.7 microns	0.000	0.034	0.052	0.000	0.000
>5.7 to 5.9 microns, Phi 7.5	0.000	0.033	0.051	0.000	0.000
>5.9 to 7.8 microns, Phi 7	0.000	0.311	0.497	0.000	0.000
>7.8 to 8 microns	0.000	0.032	0.051	0.000	0.000
>8 to 8.5 microns	0.000	0.076	0.123	0.000	0.000
>8.5 to 8.9 microns	0.000	0.059	0.095	0.000	0.000
>8.9 to 9.1 microns	0.000	0.030	0.049	0.000	0.000
>9.1 to 9.5 microns	0.000	0.058	0.094	0.000	0.000
>9.5 to 9.8 microns	0.000	0.042	0.068	0.000	0.000
>9.8 to 10.1 microns	0.000	0.041	0.066	0.000	0.000
>10.1 to 10.6 microns	0.000	0.070	0.114	0.000	0.000
>10.6 to 11.1 microns	0.000	0.066	0.109	0.000	0.000
>11.1 to 11.3 microns	0.000	0.026	0.042	0.000	0.000
>11.3 to 11.7 microns, Phi 6.5	0.000	0.051	0.083	0.000	0.000
>11.7 to 14 microns	0.000	0.275	0.438	0.000	0.000
>14 to 14.8 microns	0.000	0.088	0.138	0.000	0.000
>14.8 to 15.6 microns	0.000	0.086	0.133	0.000	0.000
>15.6 to 16 microns	0.000	0.043	0.065	0.000	0.000
>16 to 20 microns	0.000	0.387	0.573	0.000	0.000
>20 to 23 microns, Phi 5.5	0.000	0.261	0.361	0.000	0.000
>23 to 27 microns	0.000	0.333	0.424	0.000	0.000
>27 to 31 microns, Phi 5	0.000	0.343	0.399	0.000	0.000
>31 to 32 microns	0.000	0.093	0.102	0.000	0.000
>32 to 35.6 microns	0.000	0.360	0.380	0.000	0.031
>35.6 to 37 microns, Phi 4.75	0.000	0.160	0.162	0.000	0.031
>37 to 39.6 microns	0.000	0.306	0.305	0.000	0.056
>39.6 to 43.6 microns	0.000	0.646	0.610	0.000	0.091
>43.6 to 44 microns, Phi 4.5	0.000	0.061	0.058	0.000	0.009
>44 to 45 microns	0.000	0.158	0.148	0.000	0.021
>45 to 46.4 microns	0.000	0.357	0.319	0.000	0.035
>46.4 to 53 microns, Phi 4.25	0.000	1.820	1.600	0.028	0.158
>53 to 62.5 microns, Phi 4	0.000	4.380	3.640	0.172	0.245
>62.5 to 64 microns	0.000	0.870	0.708	0.028	0.040
>64 to 71.7 microns	0.000	5.450	4.400	0.150	0.208

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 (all values are in percent distribution)  
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Analyte	I-3	I-4	I-4	I-6	I-6
	P347987	P327310	P347995	P327314	P347999
	06-JUL-2006	05-JAN-2006	06-JUL-2006	05-JAN-2006	06-JUL-2006
>71.7 to 74 microns	0.000	1.830	1.470	0.046	0.062
>74 to 79.6 microns	0.032	4.830	3.910	0.115	0.152
>79.6 to 87.6 microns	0.107	7.540	6.150	0.170	0.217
>87.6 to 88 microns, Phi 3.5	0.005	0.359	0.293	0.008	0.010
>88 to 90 microns	0.038	1.940	1.640	0.047	0.056
>90 to 105 microns, Phi 3.25	0.350	13.700	11.900	0.374	0.414
>105 to 125 microns, Phi 3	0.862	14.100	13.600	0.625	0.572
>125 to 149 microns, Phi 2.75	1.940	11.000	12.100	1.030	0.756
>149 to 160 microns	1.480	3.300	4.150	0.671	0.411
>160 to 177 microns, Phi 2.5	2.680	4.010	5.390	1.170	0.671
>177 to 197 microns	4.330	3.120	4.750	1.820	0.953
>197 to 210 microns, Phi 2.25	3.490	1.450	2.380	1.530	0.772
>210 to 217 microns	1.930	0.677	1.150	0.855	0.429
>217 to 245 microns	8.130	2.130	3.710	3.950	2.020
>245 to 250 microns, Phi 2	1.480	0.304	0.545	0.764	0.395
>250 to 300 microns, Phi 1.75	14.100	2.260	4.020	8.630	4.830
>300 to 320 microns	4.760	0.606	0.963	3.980	2.650
>320 to 350 microns, Phi 1.5	6.440	0.818	1.260	5.680	3.960
>350 to 360 microns	1.810	0.232	0.300	1.960	1.580
>360 to 400 microns	6.640	0.863	1.080	7.390	6.120
>400 to 420 microns, Phi 1.25	2.710	0.388	0.378	3.590	3.450
>420 to 440 microns	2.580	0.370	0.361	3.430	3.290
>440 to 500 microns, Phi 1	6.430	1.050	0.781	9.470	10.200
>500 to 590 microns, Phi 0.75	7.450	1.460	0.609	11.800	14.200
>590 to 630 microns	2.580	0.634	0.013	4.170	5.450
>630 to 696 microns	3.750	0.976	0.000	6.020	7.990
>696 to 710 microns, Phi 0.5	0.673	0.200	0.000	1.060	1.440
>710 to 773 microns	2.870	0.856	0.000	4.510	6.160
>773 to 840 microns, Phi 0.25	2.390	0.489	0.000	3.590	4.950
>840 to 850 microns	0.337	0.066	0.000	0.502	0.695
>850 to 930 microns	2.260	0.394	0.000	3.310	4.550
>930 to 1000 microns, Phi 0	1.580	0.225	0.000	2.240	3.050
1000 to 1100 microns	1.480	0.060	0.000	2.050	2.730
>1100 to 1190 microns, Phi -0.25	0.981	0.000	0.000	1.330	1.740
>1190 to 1300 microns	0.672	0.000	0.000	0.874	1.100
>1300 to 1410 microns, Phi -0.5	0.396	0.000	0.000	0.505	0.618
>1410 to 1680 microns, Phi -0.75	0.284	0.000	0.000	0.351	0.415
>1680 to 2000 microns, Phi -1	0.000	0.000	0.000	0.000	0.000
Totals:	100.027	99.929	100.021	99.995	99.983

SOUTH BAY OCEAN OUTFALL MONITORING  
 SEDIMENT SEMI-ANNUAL- Grain Size  
 (all values are in percent distribution)  
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Analyte	I-7		I-8		I-9
	P327319 05-JAN-2006	P348004 06-JUL-2006	P327324 05-JAN-2006	P348009 06-JUL-2006	P327329 05-JAN-2006
<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	0.109
>1.5 to 2 microns, Phi 9	0.000	0.000	0.000	0.000	0.323
>2.0 to 2.4 microns	0.000	0.000	0.000	0.000	0.275
>2.4 to 2.9 microns, Phi 8.5	0.000	0.000	0.000	0.000	0.349
>2.9 to 3.4 microns	0.000	0.000	0.000	0.000	0.353
>3.4 to 3.9 microns, Phi 8	0.000	0.000	0.000	0.000	0.370
>3.9 to 4 microns	0.000	0.000	0.000	0.000	0.077
>4.0 to 4.3 microns	0.000	0.000	0.000	0.000	0.220
>4.3 to 4.5 microns	0.000	0.005	0.000	0.000	0.141
>4.5 to 5 microns	0.000	0.080	0.000	0.000	0.371
>5 to 5.5 microns	0.000	0.080	0.000	0.056	0.364
>5.5 to 5.7 microns	0.000	0.031	0.000	0.028	0.140
>5.7 to 5.9 microns, Phi 7.5	0.000	0.030	0.000	0.028	0.138
>5.9 to 7.8 microns, Phi 7	0.000	0.289	0.000	0.271	1.270
>7.8 to 8 microns	0.000	0.029	0.000	0.028	0.126
>8 to 8.5 microns	0.000	0.069	0.000	0.068	0.301
>8.5 to 8.9 microns	0.000	0.053	0.000	0.052	0.230
>8.9 to 9.1 microns	0.000	0.026	0.000	0.027	0.115
>9.1 to 9.5 microns	0.000	0.051	0.000	0.052	0.223
>9.5 to 9.8 microns	0.000	0.037	0.000	0.038	0.161
>9.8 to 10.1 microns	0.000	0.036	0.000	0.037	0.156
>10.1 to 10.6 microns	0.000	0.059	0.000	0.064	0.260
>10.6 to 11.1 microns	0.000	0.057	0.000	0.061	0.248
>11.1 to 11.3 microns	0.000	0.022	0.000	0.023	0.096
>11.3 to 11.7 microns, Phi 6.5	0.000	0.042	0.000	0.046	0.187
>11.7 to 14 microns	0.000	0.214	0.000	0.245	0.963
>14 to 14.8 microns	0.000	0.066	0.000	0.078	0.299
>14.8 to 15.6 microns	0.000	0.060	0.000	0.073	0.287
>15.6 to 16 microns	0.000	0.028	0.000	0.035	0.139
>16 to 20 microns	0.000	0.240	0.000	0.305	1.230
>20 to 23 microns, Phi 5.5	0.000	0.134	0.000	0.181	0.778
>23 to 27 microns	0.000	0.137	0.000	0.191	0.950
>27 to 31 microns, Phi 5	0.000	0.081	0.000	0.150	0.948
>31 to 32 microns	0.000	0.000	0.000	0.032	0.253
>32 to 35.6 microns	0.000	0.000	0.000	0.105	0.967
>35.6 to 37 microns, Phi 4.75	0.000	0.000	0.000	0.036	0.425
>37 to 39.6 microns	0.000	0.007	0.000	0.064	0.803
>39.6 to 43.6 microns	0.000	0.075	0.000	0.089	1.630
>43.6 to 44 microns, Phi 4.5	0.000	0.007	0.000	0.008	0.154
>44 to 45 microns	0.000	0.018	0.000	0.021	0.393
>45 to 46.4 microns	0.000	0.028	0.000	0.029	0.819
>46.4 to 53 microns, Phi 4.25	0.000	0.127	0.000	0.127	3.990
>53 to 62.5 microns, Phi 4	0.000	0.204	0.000	0.172	7.920
>62.5 to 64 microns	0.000	0.035	0.000	0.026	1.420
>64 to 71.7 microns	0.046	0.196	0.057	0.138	7.780

SOUTH BAY OCEAN OUTFALL MONITORING  
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Analyte	I-7		I-8		I-9
	P327319 05-JAN-2006	P348004 06-JUL-2006	P327324 05-JAN-2006	P348009 06-JUL-2006	P327329 05-JAN-2006
>71.7 to 74 microns	0.024	0.062	0.030	0.041	2.410
>74 to 79.6 microns	0.062	0.162	0.082	0.103	5.760
>79.6 to 87.6 microns	0.095	0.252	0.132	0.152	7.980
>87.6 to 88 microns, Phi 3.5	0.005	0.012	0.006	0.007	0.380
>88 to 90 microns	0.027	0.072	0.043	0.043	1.800
>90 to 105 microns, Phi 3.25	0.217	0.566	0.370	0.345	11.700
>105 to 125 microns, Phi 3	0.358	0.850	0.754	0.584	10.200
>125 to 149 microns, Phi 2.75	0.552	1.130	1.400	0.936	7.020
>149 to 160 microns	0.337	0.586	0.955	0.580	1.910
>160 to 177 microns, Phi 2.5	0.577	0.931	1.680	0.987	2.230
>177 to 197 microns	0.888	1.250	2.630	1.490	1.620
>197 to 210 microns, Phi 2.25	0.772	0.942	2.200	1.240	0.716
>210 to 217 microns	0.435	0.515	1.230	0.689	0.328
>217 to 245 microns	2.130	2.290	5.540	3.180	1.000
>245 to 250 microns, Phi 2	0.426	0.433	1.060	0.614	0.138
>250 to 300 microns, Phi 1.75	5.320	4.890	11.300	6.940	0.993
>300 to 320 microns	2.910	2.360	4.640	3.230	0.252
>320 to 350 microns, Phi 1.5	4.310	3.440	6.470	4.630	0.339
>350 to 360 microns	1.680	1.270	2.040	1.630	0.095
>360 to 400 microns	6.470	4.900	7.590	6.200	0.354
>400 to 420 microns, Phi 1.25	3.550	2.670	3.380	3.150	0.160
>420 to 440 microns	3.390	2.540	3.230	3.000	0.153
>440 to 500 microns, Phi 1	10.300	8.060	8.420	8.850	0.445
>500 to 590 microns, Phi 0.75	14.300	12.100	9.980	12.100	0.654
>590 to 630 microns	5.520	5.300	3.400	4.720	0.309
>630 to 696 microns	8.090	8.050	4.890	6.970	0.491
>696 to 710 microns, Phi 0.5	1.460	1.590	0.850	1.280	0.108
>710 to 773 microns	6.220	6.780	3.630	5.480	0.463
>773 to 840 microns, Phi 0.25	4.920	5.830	2.890	4.470	0.481
>840 to 850 microns	0.689	0.823	0.405	0.628	0.069
>850 to 930 microns	4.450	5.410	2.670	4.110	0.409
>930 to 1000 microns, Phi 0	2.930	3.650	1.820	2.750	0.234
1000 to 1100 microns	2.560	3.140	1.680	2.440	0.062
>1100 to 1190 microns, Phi -0.25	1.610	1.950	1.100	1.550	0.000
>1190 to 1300 microns	0.998	1.150	0.740	0.973	0.000
>1300 to 1410 microns, Phi -0.5	0.561	0.623	0.432	0.551	0.000
>1410 to 1680 microns, Phi -0.75	0.611	0.649	0.306	0.374	0.000
>1680 to 2000 microns, Phi -1	0.110	0.117	0.000	0.000	0.000
Totals:	99.910	99.998	100.032	100.001	100.014

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 (all values are in percent distribution)  
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Analyte	I-9	I-10	I-10	I-12	I-12
	P348014	P327287	P347972	P327382	P347877
	06-JUL-2006	05-JAN-2006	06-JUL-2006	06-JAN-2006	05-JUL-2006
<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	0.000	0.000	0.000
>2.0 to 2.4 microns	0.160	0.000	0.000	0.000	0.000
>2.4 to 2.9 microns, Phi 8.5	0.207	0.000	0.000	0.000	0.088
>2.9 to 3.4 microns	0.212	0.100	0.105	0.000	0.145
>3.4 to 3.9 microns, Phi 8	0.225	0.118	0.127	0.000	0.153
>3.9 to 4 microns	0.047	0.025	0.027	0.000	0.032
>4.0 to 4.3 microns	0.136	0.071	0.078	0.000	0.093
>4.3 to 4.5 microns	0.087	0.046	0.050	0.000	0.060
>4.5 to 5 microns	0.232	0.119	0.133	0.000	0.160
>5 to 5.5 microns	0.229	0.118	0.133	0.000	0.159
>5.5 to 5.7 microns	0.088	0.046	0.052	0.000	0.062
>5.7 to 5.9 microns, Phi 7.5	0.087	0.045	0.051	0.000	0.061
>5.9 to 7.8 microns, Phi 7	0.818	0.427	0.493	0.000	0.585
>7.8 to 8 microns	0.082	0.044	0.051	0.000	0.060
>8 to 8.5 microns	0.197	0.105	0.122	0.000	0.144
>8.5 to 8.9 microns	0.151	0.081	0.094	0.000	0.111
>8.9 to 9.1 microns	0.076	0.041	0.048	0.000	0.056
>9.1 to 9.5 microns	0.147	0.080	0.093	0.000	0.109
>9.5 to 9.8 microns	0.106	0.058	0.067	0.000	0.079
>9.8 to 10.1 microns	0.103	0.056	0.065	0.000	0.077
>10.1 to 10.6 microns	0.174	0.096	0.112	0.000	0.132
>10.6 to 11.1 microns	0.166	0.091	0.107	0.000	0.126
>11.1 to 11.3 microns	0.064	0.035	0.041	0.000	0.049
>11.3 to 11.7 microns, Phi 6.5	0.126	0.070	0.081	0.000	0.095
>11.7 to 14 microns	0.662	0.370	0.428	0.000	0.503
>14 to 14.8 microns	0.208	0.117	0.135	0.000	0.159
>14.8 to 15.6 microns	0.202	0.114	0.130	0.000	0.152
>15.6 to 16 microns	0.099	0.056	0.063	0.000	0.074
>16 to 20 microns	0.891	0.500	0.558	0.000	0.652
>20 to 23 microns, Phi 5.5	0.588	0.325	0.352	0.000	0.409
>23 to 27 microns	0.749	0.399	0.417	0.000	0.479
>27 to 31 microns, Phi 5	0.783	0.394	0.399	0.000	0.445
>31 to 32 microns	0.216	0.104	0.104	0.000	0.112
>32 to 35.6 microns	0.844	0.394	0.391	0.000	0.411
>35.6 to 37 microns, Phi 4.75	0.381	0.171	0.169	0.000	0.171
>37 to 39.6 microns	0.727	0.324	0.320	0.000	0.318
>39.6 to 43.6 microns	1.530	0.664	0.656	0.000	0.607
>43.6 to 44 microns, Phi 4.5	0.145	0.063	0.062	0.000	0.058
>44 to 45 microns	0.372	0.162	0.160	0.001	0.147
>45 to 46.4 microns	0.811	0.359	0.355	0.027	0.297
>46.4 to 53 microns, Phi 4.25	4.010	1.830	1.810	0.128	1.460
>53 to 62.5 microns, Phi 4	8.350	4.350	4.380	0.238	3.110
>62.5 to 64 microns	1.530	0.864	0.878	0.043	0.592
>64 to 71.7 microns	8.540	5.470	5.680	0.245	3.640

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 SEDIMENT SEMI-ANNUAL- Grain Size  
 (all values are in percent distribution)  
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Analyte	I-9	I-10	I-10	I-12	I-12
	P348014	P327287	P347972	P327382	P347877
	06-JUL-2006	05-JAN-2006	06-JUL-2006	06-JAN-2006	05-JUL-2006
>71.7 to 74 microns	2.680	1.850	1.950	0.078	1.210
>74 to 79.6 microns	6.490	4.950	5.310	0.203	3.270
>79.6 to 87.6 microns	9.120	7.870	8.600	0.312	5.220
>87.6 to 88 microns, Phi 3.5	0.434	0.375	0.409	0.015	0.248
>88 to 90 microns	2.080	2.090	2.330	0.090	1.460
>90 to 105 microns, Phi 3.25	13.600	15.000	16.900	0.714	11.100
>105 to 125 microns, Phi 3	12.000	15.700	17.900	1.190	14.000
>125 to 149 microns, Phi 2.75	8.110	11.800	13.300	1.900	13.700
>149 to 160 microns	2.150	3.320	3.520	1.210	4.880
>160 to 177 microns, Phi 2.5	2.450	3.870	3.950	2.100	6.380
>177 to 197 microns	1.690	2.770	2.530	3.290	5.500
>197 to 210 microns, Phi 2.25	0.705	1.190	0.972	2.780	2.640
>210 to 217 microns	0.313	0.538	0.413	1.550	1.250
>217 to 245 microns	0.906	1.610	1.120	7.040	3.870
>245 to 250 microns, Phi 2	0.117	0.216	0.131	1.350	0.542
>250 to 300 microns, Phi 1.75	0.758	1.510	0.758	14.100	3.750
>300 to 320 microns	0.151	0.365	0.117	5.390	0.803
>320 to 350 microns, Phi 1.5	0.195	0.488	0.146	7.350	1.040
>350 to 360 microns	0.045	0.134	0.029	2.130	0.236
>360 to 400 microns	0.164	0.497	0.093	7.780	0.849
>400 to 420 microns, Phi 1.25	0.060	0.222	0.000	3.110	0.293
>420 to 440 microns	0.057	0.211	0.000	2.960	0.279
>440 to 500 microns, Phi 1	0.135	0.609	0.000	7.050	0.615
>500 to 590 microns, Phi 0.75	0.034	0.875	0.000	7.600	0.483
>590 to 630 microns	0.000	0.395	0.000	2.420	0.010
>630 to 696 microns	0.000	0.616	0.000	3.460	0.000
>696 to 710 microns, Phi 0.5	0.000	0.130	0.000	0.594	0.000
>710 to 773 microns	0.000	0.555	0.000	2.540	0.000
>773 to 840 microns, Phi 0.25	0.000	0.543	0.000	2.040	0.000
>840 to 850 microns	0.000	0.077	0.000	0.287	0.000
>850 to 930 microns	0.000	0.460	0.000	1.920	0.000
>930 to 1000 microns, Phi 0	0.000	0.263	0.000	1.330	0.000
1000 to 1100 microns	0.000	0.070	0.000	1.280	0.000
>1100 to 1190 microns, Phi -0.25	0.000	0.000	0.000	0.858	0.000
>1190 to 1300 microns	0.000	0.000	0.000	0.608	0.000
>1300 to 1410 microns, Phi -0.5	0.000	0.000	0.000	0.397	0.000
>1410 to 1680 microns, Phi -0.75	0.000	0.000	0.000	0.317	0.000
>1680 to 2000 microns, Phi -1	0.000	0.000	0.000	0.000	0.000
Totals:	100.010	100.071	100.055	100.025	100.060

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 SEDIMENT SEMI-ANNUAL- Grain Size  
 (all values are in percent distribution)  
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Analyte	I-13		I-14		I-15
	P327293 05-JAN-2006	P347880 05-JUL-2006	P327386 06-JAN-2006	P347886 05-JUL-2006	P327391 06-JAN-2006
<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	0.120	0.008	0.000
>2.0 to 2.4 microns	0.000	0.000	0.183	0.151	0.000
>2.4 to 2.9 microns, Phi 8.5	0.000	0.000	0.229	0.195	0.000
>2.9 to 3.4 microns	0.000	0.000	0.230	0.200	0.000
>3.4 to 3.9 microns, Phi 8	0.000	0.000	0.238	0.213	0.000
>3.9 to 4 microns	0.000	0.000	0.049	0.045	0.019
>4.0 to 4.3 microns	0.000	0.000	0.141	0.129	0.058
>4.3 to 4.5 microns	0.000	0.000	0.091	0.083	0.037
>4.5 to 5 microns	0.000	0.000	0.237	0.221	0.095
>5 to 5.5 microns	0.000	0.000	0.232	0.219	0.093
>5.5 to 5.7 microns	0.000	0.000	0.089	0.085	0.036
>5.7 to 5.9 microns, Phi 7.5	0.000	0.000	0.088	0.084	0.035
>5.9 to 7.8 microns, Phi 7	0.000	0.120	0.813	0.788	0.326
>7.8 to 8 microns	0.000	0.022	0.081	0.080	0.033
>8 to 8.5 microns	0.000	0.052	0.194	0.190	0.079
>8.5 to 8.9 microns	0.000	0.040	0.149	0.146	0.060
>8.9 to 9.1 microns	0.000	0.020	0.075	0.074	0.031
>9.1 to 9.5 microns	0.000	0.039	0.145	0.143	0.060
>9.5 to 9.8 microns	0.000	0.028	0.105	0.103	0.043
>9.8 to 10.1 microns	0.000	0.027	0.102	0.100	0.042
>10.1 to 10.6 microns	0.000	0.046	0.171	0.169	0.071
>10.6 to 11.1 microns	0.000	0.044	0.163	0.162	0.067
>11.1 to 11.3 microns	0.000	0.017	0.063	0.063	0.026
>11.3 to 11.7 microns, Phi 6.5	0.000	0.033	0.124	0.123	0.052
>11.7 to 14 microns	0.000	0.169	0.647	0.638	0.278
>14 to 14.8 microns	0.000	0.052	0.203	0.200	0.089
>14.8 to 15.6 microns	0.000	0.049	0.196	0.192	0.088
>15.6 to 16 microns	0.000	0.023	0.096	0.093	0.044
>16 to 20 microns	0.000	0.200	0.851	0.828	0.400
>20 to 23 microns, Phi 5.5	0.000	0.116	0.549	0.527	0.276
>23 to 27 microns	0.000	0.098	0.674	0.640	0.365
>27 to 31 microns, Phi 5	0.000	0.000	0.665	0.632	0.389
>31 to 32 microns	0.000	0.000	0.175	0.168	0.108
>32 to 35.6 microns	0.000	0.000	0.657	0.639	0.415
>35.6 to 37 microns, Phi 4.75	0.000	0.000	0.283	0.280	0.184
>37 to 39.6 microns	0.000	0.007	0.531	0.532	0.347
>39.6 to 43.6 microns	0.000	0.072	1.060	1.100	0.694
>43.6 to 44 microns, Phi 4.5	0.000	0.007	0.100	0.104	0.066
>44 to 45 microns	0.000	0.017	0.256	0.267	0.167
>45 to 46.4 microns	0.000	0.026	0.541	0.581	0.337
>46.4 to 53 microns, Phi 4.25	0.000	0.119	2.680	2.900	1.620
>53 to 62.5 microns, Phi 4	0.000	0.184	5.750	6.340	3.030
>62.5 to 64 microns	0.000	0.030	1.080	1.200	0.528
>64 to 71.7 microns	0.000	0.169	6.290	7.050	2.850



SOUTH BAY OCEAN OUTFALL MONITORING  
 SEDIMENT SEMI-ANNUAL- Grain Size  
 (all values are in percent distribution)  
 From 01-JAN-2006 to 31-DEC-2006

Analyte	I-13	I-13	I-14	I-14	I-15
	P327293	P347880	P327386	P347886	P327391
	05-JAN-2006	05-JUL-2006	06-JAN-2006	05-JUL-2006	06-JAN-2006
>71.7 to 74 microns	0.000	0.053	2.030	2.280	0.870
>74 to 79.6 microns	0.000	0.140	5.080	5.760	2.110
>79.6 to 87.6 microns	0.000	0.218	7.490	8.530	2.970
>87.6 to 88 microns, Phi 3.5	0.000	0.010	0.356	0.406	0.141
>88 to 90 microns	0.014	0.066	1.820	2.080	0.729
>90 to 105 microns, Phi 3.25	0.147	0.537	12.400	14.200	5.140
>105 to 125 microns, Phi 3	0.265	0.927	12.100	13.700	6.160
>125 to 149 microns, Phi 2.75	0.436	1.430	9.190	10.100	6.720
>149 to 160 microns	0.271	0.832	2.710	2.880	2.940
>160 to 177 microns, Phi 2.5	0.462	1.380	3.280	3.390	4.310
>177 to 197 microns	0.700	2.010	2.540	2.460	4.850
>197 to 210 microns, Phi 2.25	0.593	1.630	1.170	1.060	2.990
>210 to 217 microns	0.332	0.907	0.547	0.476	1.550
>217 to 245 microns	1.600	4.210	1.710	1.390	5.700
>245 to 250 microns, Phi 2	0.316	0.816	0.243	0.183	0.946
>250 to 300 microns, Phi 1.75	3.920	9.380	1.810	1.190	8.130
>300 to 320 microns	2.190	4.390	0.482	0.236	2.510
>320 to 350 microns, Phi 1.5	3.280	6.250	0.651	0.303	3.370
>350 to 360 microns	1.330	2.130	0.185	0.068	0.933
>360 to 400 microns	5.200	7.960	0.692	0.244	3.430
>400 to 420 microns, Phi 1.25	3.070	3.720	0.315	0.085	1.400
>420 to 440 microns	2.920	3.540	0.300	0.081	1.330
>440 to 500 microns, Phi 1	9.780	9.340	0.866	0.183	3.340
>500 to 590 microns, Phi 0.75	15.000	11.000	1.230	0.046	3.910
>590 to 630 microns	6.360	3.650	0.545	0.000	1.390
>630 to 696 microns	9.460	5.220	0.845	0.000	2.040
>696 to 710 microns, Phi 0.5	1.760	0.885	0.176	0.000	0.375
>710 to 773 microns	7.520	3.780	0.751	0.000	1.600
>773 to 840 microns, Phi 0.25	6.030	2.910	0.429	0.000	1.370
>840 to 850 microns	0.846	0.406	0.058	0.000	0.193
>850 to 930 microns	5.450	2.650	0.346	0.000	1.150
>930 to 1000 microns, Phi 0	3.570	1.760	0.198	0.000	0.657
1000 to 1100 microns	3.070	1.610	0.053	0.000	0.557
>1100 to 1190 microns, Phi -0.25	1.910	1.040	0.000	0.000	0.353
>1190 to 1300 microns	1.140	0.697	0.000	0.000	0.247
>1300 to 1410 microns, Phi -0.5	0.631	0.410	0.000	0.000	0.079
>1410 to 1680 microns, Phi -0.75	0.414	0.291	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	
Totals:	99.987	100.011	99.994	100.016	100.028

\*=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.

SOUTH BAY OCEAN OUTFALL MONITORING  
 SEDIMENT SEMI-ANNUAL- Grain Size  
 (all values are in percent distribution)  
 From 01-JAN-2006 to 31-DEC-2006

Analyte	I-15	I-16	I-16	I-18	I-18
	P347893	P327396	P349640	P327401	P347903
	05-JUL-2006	06-JAN-2006	13-JUL-2006	06-JAN-2006	05-JUL-2006
<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	0.093	0.000	0.000	0.092
>2.9 to 3.4 microns	0.000	0.152	0.106	0.000	0.149
>3.4 to 3.9 microns, Phi 8	0.000	0.155	0.135	0.000	0.153
>3.9 to 4 microns	0.000	0.033	0.029	0.019	0.032
>4.0 to 4.3 microns	0.000	0.093	0.083	0.057	0.092
>4.3 to 4.5 microns	0.000	0.060	0.054	0.037	0.059
>4.5 to 5 microns	0.000	0.157	0.146	0.094	0.156
>5 to 5.5 microns	0.000	0.156	0.147	0.092	0.155
>5.5 to 5.7 microns	0.000	0.060	0.057	0.035	0.060
>5.7 to 5.9 microns, Phi 7.5	0.000	0.059	0.057	0.035	0.059
>5.9 to 7.8 microns, Phi 7	0.000	0.560	0.553	0.322	0.558
>7.8 to 8 microns	0.000	0.057	0.057	0.033	0.057
>8 to 8.5 microns	0.000	0.137	0.136	0.078	0.137
>8.5 to 8.9 microns	0.000	0.106	0.105	0.060	0.106
>8.9 to 9.1 microns	0.000	0.054	0.053	0.031	0.054
>9.1 to 9.5 microns	0.000	0.104	0.103	0.060	0.105
>9.5 to 9.8 microns	0.000	0.075	0.075	0.043	0.076
>9.8 to 10.1 microns	0.000	0.073	0.073	0.042	0.074
>10.1 to 10.6 microns	0.000	0.125	0.124	0.071	0.127
>10.6 to 11.1 microns	0.000	0.119	0.119	0.068	0.121
>11.1 to 11.3 microns	0.000	0.046	0.046	0.026	0.047
>11.3 to 11.7 microns, Phi 6.5	0.000	0.091	0.090	0.052	0.093
>11.7 to 14 microns	0.000	0.483	0.469	0.282	0.498
>14 to 14.8 microns	0.000	0.153	0.147	0.091	0.160
>14.8 to 15.6 microns	0.000	0.148	0.139	0.090	0.156
>15.6 to 16 microns	0.000	0.072	0.067	0.045	0.077
>16 to 20 microns	0.000	0.644	0.582	0.411	0.701
>20 to 23 microns, Phi 5.5	0.000	0.413	0.351	0.286	0.471
>23 to 27 microns	0.000	0.494	0.393	0.381	0.597
>27 to 31 microns, Phi 5	0.027	0.469	0.348	0.411	0.605
>31 to 32 microns	0.024	0.119	0.084	0.115	0.161
>32 to 35.6 microns	0.083	0.439	0.302	0.450	0.610
>35.6 to 37 microns, Phi 4.75	0.031	0.183	0.122	0.204	0.265
>37 to 39.6 microns	0.056	0.341	0.224	0.389	0.498
>39.6 to 43.6 microns	0.087	0.650	0.405	0.821	0.989
>43.6 to 44 microns, Phi 4.5	0.008	0.062	0.038	0.078	0.094
>44 to 45 microns	0.021	0.157	0.097	0.200	0.239
>45 to 46.4 microns	0.032	0.316	0.184	0.446	0.500
>46.4 to 53 microns, Phi 4.25	0.145	1.550	0.884	2.250	2.470
>53 to 62.5 microns, Phi 4	0.214	3.270	1.740	5.190	5.350
>62.5 to 64 microns	0.034	0.617	0.318	1.010	1.020
>64 to 71.7 microns	0.177	3.740	1.900	6.260	6.200

SOUTH BAY OCEAN OUTFALL MONITORING  
 SEDIMENT SEMI-ANNUAL- Grain Size  
 (all values are in percent distribution)  
 From 01-JAN-2006 to 31-DEC-2006

Analyte	I-15	I-16	I-16	I-18	I-18
	P347893	P327396	P349640	P327401	P347903
	05-JUL-2006	06-JAN-2006	13-JUL-2006	06-JAN-2006	05-JUL-2006
>71.7 to 74 microns	0.053	1.230	0.622	2.090	2.050
>74 to 79.6 microns	0.131	3.260	1.670	5.470	5.380
>79.6 to 87.6 microns	0.190	5.110	2.650	8.490	8.350
>87.6 to 88 microns, Phi 3.5	0.009	0.243	0.126	0.404	0.397
>88 to 90 microns	0.052	1.390	0.768	2.170	2.170
>90 to 105 microns, Phi 3.25	0.407	10.300	6.020	15.200	15.400
>105 to 125 microns, Phi 3	0.675	12.400	8.840	15.200	15.800
>125 to 149 microns, Phi 2.75	1.130	11.700	10.900	11.000	11.700
>149 to 160 microns	0.762	4.100	4.960	3.000	3.200
>160 to 177 microns, Phi 2.5	1.360	5.330	7.270	3.470	3.670
>177 to 197 microns	2.230	4.610	7.910	2.430	2.510
>197 to 210 microns, Phi 2.25	2.020	2.260	4.540	1.040	1.030
>210 to 217 microns	1.140	1.080	2.300	0.468	0.455
>217 to 245 microns	5.490	3.440	7.850	1.400	1.300
>245 to 250 microns, Phi 2	1.080	0.498	1.220	0.188	0.166
>250 to 300 microns, Phi 1.75	12.200	3.690	9.170	1.320	1.070
>300 to 320 microns	5.250	0.942	2.160	0.321	0.209
>320 to 350 microns, Phi 1.5	7.290	1.260	2.780	0.429	0.269
>350 to 360 microns	2.270	0.337	0.625	0.118	0.062
>360 to 400 microns	8.370	1.250	2.230	0.441	0.223
>400 to 420 microns, Phi 1.25	3.570	0.528	0.719	0.199	0.081
>420 to 440 microns	3.400	0.503	0.685	0.189	0.077
>440 to 500 microns, Phi 1	8.410	1.360	1.390	0.550	0.182
>500 to 590 microns, Phi 0.75	9.380	1.790	1.050	0.799	0.046
>590 to 630 microns	3.050	0.737	0.209	0.367	0.000
>630 to 696 microns	4.370	1.130	0.225	0.576	0.000
>696 to 710 microns, Phi 0.5	0.751	0.227	0.000	0.123	0.000
>710 to 773 microns	3.210	0.969	0.000	0.527	0.000
>773 to 840 microns, Phi 0.25	2.570	0.553	0.000	0.526	0.000
>840 to 850 microns	0.360	0.075	0.000	0.075	0.000
>850 to 930 microns	2.390	0.446	0.000	0.447	0.000
>930 to 1000 microns, Phi 0	1.630	0.255	0.000	0.256	0.000
1000 to 1100 microns	1.520	0.068	0.000	0.068	0.000
>1100 to 1190 microns, Phi -0.25	1.000	0.000	0.000	0.000	0.000
>1190 to 1300 microns	0.681	0.000	0.000	0.000	0.000
>1300 to 1410 microns, Phi -0.5	0.402	0.000	0.000	0.000	0.000
>1410 to 1680 microns, Phi -0.75	0.287	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
Totals:	100.029	99.956	100.031	100.016	100.020

\*=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.

SOUTH BAY OCEAN OUTFALL MONITORING  
 SEDIMENT SEMI-ANNUAL- Grain Size  
 (all values are in percent distribution)  
 From 01-JAN-2006 to 31-DEC-2006

Analyte	I-20		I-21		I-22
	P327406 06-JAN-2006	P347907 05-JUL-2006	P327411 06-JAN-2006	P347912 05-JUL-2006	P327970 10-JAN-2006
<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	0.119	0.000	0.000	0.000	0.000
>1.5 to 2 microns, Phi 9	0.405	0.000	0.000	0.000	0.000
>2.0 to 2.4 microns	0.403	0.000	0.000	0.000	0.000
>2.4 to 2.9 microns, Phi 8.5	0.563	0.000	0.000	0.000	0.000
>2.9 to 3.4 microns	0.617	0.000	0.000	0.000	0.000
>3.4 to 3.9 microns, Phi 8	0.703	0.109	0.000	0.000	0.000
>3.9 to 4 microns	0.151	0.024	0.000	0.000	0.020
>4.0 to 4.3 microns	0.434	0.068	0.000	0.000	0.060
>4.3 to 4.5 microns	0.281	0.044	0.000	0.000	0.039
>4.5 to 5 microns	0.772	0.120	0.000	0.000	0.102
>5 to 5.5 microns	0.776	0.120	0.000	0.000	0.102
>5.5 to 5.7 microns	0.301	0.046	0.000	0.000	0.039
>5.7 to 5.9 microns, Phi 7.5	0.298	0.046	0.000	0.000	0.039
>5.9 to 7.8 microns, Phi 7	2.860	0.443	0.000	0.000	0.371
>7.8 to 8 microns	0.287	0.045	0.000	0.000	0.038
>8 to 8.5 microns	0.688	0.107	0.000	0.000	0.092
>8.5 to 8.9 microns	0.526	0.082	0.000	0.000	0.071
>8.9 to 9.1 microns	0.262	0.041	0.000	0.000	0.036
>9.1 to 9.5 microns	0.506	0.080	0.000	0.000	0.070
>9.5 to 9.8 microns	0.366	0.058	0.000	0.000	0.050
>9.8 to 10.1 microns	0.355	0.056	0.000	0.000	0.049
>10.1 to 10.6 microns	0.595	0.094	0.000	0.000	0.084
>10.6 to 11.1 microns	0.567	0.090	0.000	0.000	0.080
>11.1 to 11.3 microns	0.220	0.035	0.000	0.000	0.031
>11.3 to 11.7 microns, Phi 6.5	0.421	0.067	0.000	0.000	0.061
>11.7 to 14 microns	2.080	0.344	0.000	0.000	0.324
>14 to 14.8 microns	0.627	0.106	0.000	0.000	0.103
>14.8 to 15.6 microns	0.568	0.098	0.000	0.000	0.099
>15.6 to 16 microns	0.262	0.046	0.000	0.000	0.048
>16 to 20 microns	2.170	0.394	0.000	0.000	0.431
>20 to 23 microns, Phi 5.5	1.150	0.223	0.000	0.000	0.276
>23 to 27 microns	1.110	0.232	0.000	0.000	0.331
>27 to 31 microns, Phi 5	0.820	0.185	0.000	0.000	0.318
>31 to 32 microns	0.169	0.041	0.000	0.000	0.083
>32 to 35.6 microns	0.542	0.137	0.000	0.000	0.310
>35.6 to 37 microns, Phi 4.75	0.181	0.050	0.000	0.000	0.133
>37 to 39.6 microns	0.314	0.088	0.000	0.000	0.250
>39.6 to 43.6 microns	0.411	0.134	0.000	0.000	0.493
>43.6 to 44 microns, Phi 4.5	0.039	0.013	0.000	0.000	0.047
>44 to 45 microns	0.096	0.032	0.000	0.000	0.119
>45 to 46.4 microns	0.122	0.049	0.000	0.000	0.246
>46.4 to 53 microns, Phi 4.25	0.524	0.220	0.000	0.000	1.210
>53 to 62.5 microns, Phi 4	0.617	0.337	0.000	0.000	2.510
>62.5 to 64 microns	0.087	0.055	0.000	0.000	0.466
>64 to 71.7 microns	0.414	0.300	0.000	0.000	2.740

SOUTH BAY OCEAN OUTFALL MONITORING  
 SEDIMENT SEMI-ANNUAL- Grain Size  
 (all values are in percent distribution)  
 From 01-JAN-2006 to 31-DEC-2006

Analyte	I-20		I-21		I-22
	P327406 06-JAN-2006	P347907 05-JUL-2006	P327411 06-JAN-2006	P347912 05-JUL-2006	P327970 10-JAN-2006
>71.7 to 74 microns	0.114	0.092	0.000	0.000	0.886
>74 to 79.6 microns	0.267	0.236	0.000	0.000	2.280
>79.6 to 87.6 microns	0.356	0.357	0.000	0.000	3.450
>87.6 to 88 microns, Phi 3.5	0.017	0.017	0.000	0.000	0.164
>88 to 90 microns	0.089	0.102	0.013	0.000	0.902
>90 to 105 microns, Phi 3.25	0.644	0.806	0.132	0.000	6.570
>105 to 125 microns, Phi 3	0.904	1.310	0.230	0.079	8.050
>125 to 149 microns, Phi 2.75	1.240	1.960	0.385	0.273	8.490
>149 to 160 microns	0.685	1.130	0.251	0.196	3.540
>160 to 177 microns, Phi 2.5	1.110	1.880	0.440	0.359	5.060
>177 to 197 microns	1.540	2.680	0.702	0.622	5.410
>197 to 210 microns, Phi 2.25	1.150	2.080	0.621	0.599	3.180
>210 to 217 microns	0.627	1.140	0.351	0.343	1.620
>217 to 245 microns	2.660	4.970	1.710	1.770	5.780
>245 to 250 microns, Phi 2	0.488	0.925	0.341	0.362	0.931
>250 to 300 microns, Phi 1.75	4.990	9.620	4.190	4.640	7.650
>300 to 320 microns	2.040	3.890	2.250	2.560	2.190
>320 to 350 microns, Phi 1.5	2.880	5.430	3.350	3.800	2.920
>350 to 360 microns	0.961	1.730	1.320	1.490	0.782
>360 to 400 microns	3.640	6.450	5.150	5.760	2.860
>400 to 420 microns, Phi 1.25	1.820	2.940	2.990	3.250	1.150
>420 to 440 microns	1.730	2.800	2.850	3.100	1.090
>440 to 500 microns, Phi 1	5.250	7.520	9.510	10.000	2.740
>500 to 590 microns, Phi 0.75	7.710	9.350	14.700	14.900	3.240
>590 to 630 microns	3.430	3.400	6.280	6.100	1.190
>630 to 696 microns	5.260	4.960	9.370	9.030	1.760
>696 to 710 microns, Phi 0.5	1.070	0.894	1.760	1.670	0.332
>710 to 773 microns	4.570	3.820	7.500	7.110	1.420
>773 to 840 microns, Phi 0.25	4.120	3.100	6.100	5.670	0.809
>840 to 850 microns	0.584	0.435	0.856	0.794	0.110
>850 to 930 microns	3.920	2.860	5.550	5.110	0.652
>930 to 1000 microns, Phi 0	2.720	1.930	3.670	3.330	0.373
1000 to 1100 microns	2.410	1.750	3.170	2.870	0.316
>1100 to 1190 microns, Phi -0.25	1.520	1.130	1.980	1.790	0.171
>1190 to 1300 microns	0.904	0.740	1.180	1.090	0.000
>1300 to 1410 microns, Phi -0.5	0.494	0.429	0.651	0.608	0.000
>1410 to 1680 microns, Phi -0.75	0.320	0.300	0.426	0.655	0.000
>1680 to 2000 microns, Phi -1	0.000	0.000	0.000	0.118	0.000
>2000 microns*		ND		ND	
Totals:	100.013	100.022	99.979	100.048	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.

SOUTH BAY OCEAN OUTFALL MONITORING  
 SEDIMENT SEMI-ANNUAL- Grain Size  
 (all values are in percent distribution)  
 From 01-JAN-2006 to 31-DEC-2006

Analyte	I-22	I-23	I-27	I-27	I-28
	P347917	P327977	P327980	P347985	P326965
	05-JUL-2006	10-JAN-2006	10-JAN-2006	06-JUL-2006	03-JAN-2006
<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	0.053
>1 to 1.5 microns, Phi 9.5	0.000	0.000	0.000	0.000	0.472
>1.5 to 2 microns, Phi 9	0.008	0.000	0.000	0.000	0.592
>2.0 to 2.4 microns	0.165	0.000	0.000	0.000	0.533
>2.4 to 2.9 microns, Phi 8.5	0.212	0.000	0.000	0.091	0.688
>2.9 to 3.4 microns	0.218	0.104	0.105	0.146	0.695
>3.4 to 3.9 microns, Phi 8	0.232	0.124	0.119	0.148	0.736
>3.9 to 4 microns	0.049	0.026	0.024	0.031	0.149
>4.0 to 4.3 microns	0.141	0.076	0.069	0.088	0.428
>4.3 to 4.5 microns	0.091	0.049	0.044	0.056	0.275
>4.5 to 5 microns	0.242	0.128	0.110	0.146	0.714
>5 to 5.5 microns	0.241	0.128	0.107	0.143	0.693
>5.5 to 5.7 microns	0.093	0.050	0.041	0.055	0.266
>5.7 to 5.9 microns, Phi 7.5	0.092	0.049	0.040	0.054	0.260
>5.9 to 7.8 microns, Phi 7	0.874	0.470	0.364	0.504	2.330
>7.8 to 8 microns	0.089	0.048	0.037	0.051	0.227
>8 to 8.5 microns	0.213	0.116	0.088	0.122	0.543
>8.5 to 8.9 microns	0.163	0.089	0.068	0.094	0.414
>8.9 to 9.1 microns	0.083	0.046	0.035	0.048	0.205
>9.1 to 9.5 microns	0.160	0.088	0.067	0.093	0.397
>9.5 to 9.8 microns	0.116	0.064	0.048	0.067	0.287
>9.8 to 10.1 microns	0.112	0.062	0.047	0.065	0.279
>10.1 to 10.6 microns	0.191	0.106	0.080	0.111	0.459
>10.6 to 11.1 microns	0.183	0.101	0.076	0.106	0.438
>11.1 to 11.3 microns	0.071	0.039	0.030	0.041	0.170
>11.3 to 11.7 microns, Phi 6.5	0.138	0.077	0.059	0.081	0.329
>11.7 to 14 microns	0.724	0.408	0.322	0.435	1.670
>14 to 14.8 microns	0.227	0.129	0.104	0.139	0.517
>14.8 to 15.6 microns	0.218	0.124	0.104	0.137	0.492
>15.6 to 16 microns	0.106	0.061	0.052	0.068	0.238
>16 to 20 microns	0.941	0.540	0.490	0.625	2.080
>20 to 23 microns, Phi 5.5	0.597	0.344	0.354	0.431	1.300
>23 to 27 microns	0.717	0.414	0.489	0.570	1.560
>27 to 31 microns, Phi 5	0.695	0.402	0.546	0.610	1.470
>31 to 32 microns	0.181	0.105	0.156	0.170	0.370
>32 to 35.6 microns	0.681	0.399	0.618	0.666	1.330
>35.6 to 37 microns, Phi 4.75	0.293	0.174	0.284	0.302	0.538
>37 to 39.6 microns	0.550	0.329	0.544	0.578	0.980
>39.6 to 43.6 microns	1.090	0.676	1.170	1.230	1.690
>43.6 to 44 microns, Phi 4.5	0.104	0.064	0.111	0.117	0.161
>44 to 45 microns	0.264	0.165	0.284	0.300	0.402
>45 to 46.4 microns	0.547	0.364	0.636	0.670	0.690
>46.4 to 53 microns, Phi 4.25	2.690	1.850	3.190	3.360	3.170
>53 to 62.5 microns, Phi 4	5.560	4.440	7.110	7.490	5.050
>62.5 to 64 microns	1.030	0.886	1.350	1.430	0.818
>64 to 71.7 microns	5.980	5.680	7.940	8.370	4.180

SOUTH BAY OCEAN OUTFALL MONITORING  
 SEDIMENT SEMI-ANNUAL- Grain Size  
 (all values are in percent distribution)  
 From 01-JAN-2006 to 31-DEC-2006

Analyte	I-22	I-23	I-27	I-27	I-28
	P347917	P327977	P327980	P347985	P326965
	05-JUL-2006	10-JAN-2006	10-JAN-2006	06-JUL-2006	03-JAN-2006
>71.7 to 74 microns	1.920	1.930	2.570	2.710	1.230
>74 to 79.6 microns	4.860	5.200	6.400	6.780	2.880
>79.6 to 87.6 microns	7.240	8.310	9.350	9.930	3.870
>87.6 to 88 microns, Phi 3.5	0.344	0.395	0.445	0.473	0.184
>88 to 90 microns	1.810	2.190	2.200	2.340	0.884
>90 to 105 microns, Phi 3.25	12.700	15.600	14.600	15.600	5.860
>105 to 125 microns, Phi 3	13.300	15.700	13.000	13.700	5.750
>125 to 149 microns, Phi 2.75	10.800	11.400	8.720	8.950	4.710
>149 to 160 microns	3.360	3.080	2.300	2.250	1.550
>160 to 177 microns, Phi 2.5	4.140	3.530	2.620	2.490	2.000
>177 to 197 microns	3.260	2.470	1.840	1.620	1.790
>197 to 210 microns, Phi 2.25	1.490	1.050	0.793	0.647	0.947
>210 to 217 microns	0.690	0.474	0.359	0.281	0.466
>217 to 245 microns	2.100	1.410	1.080	0.795	1.620
>245 to 250 microns, Phi 2	0.288	0.190	0.147	0.099	0.256
>250 to 300 microns, Phi 1.75	1.980	1.330	1.040	0.630	2.190
>300 to 320 microns	0.431	0.325	0.262	0.121	0.749
>320 to 350 microns, Phi 1.5	0.560	0.436	0.352	0.156	1.050
>350 to 360 microns	0.133	0.120	0.099	0.036	0.339
>360 to 400 microns	0.479	0.448	0.368	0.130	1.280
>400 to 420 microns, Phi 1.25	0.174	0.202	0.167	0.048	0.644
>420 to 440 microns	0.166	0.193	0.160	0.046	0.614
>440 to 500 microns, Phi 1	0.386	0.560	0.465	0.110	1.880
>500 to 590 microns, Phi 0.75	0.097	0.816	0.677	0.028	2.790
>590 to 630 microns	0.000	0.376	0.312	0.000	1.280
>630 to 696 microns	0.000	0.592	0.491	0.000	1.990
>696 to 710 microns, Phi 0.5	0.000	0.127	0.106	0.000	0.419
>710 to 773 microns	0.000	0.543	0.451	0.000	1.790
>773 to 840 microns, Phi 0.25	0.000	0.545	0.456	0.000	1.700
>840 to 850 microns	0.000	0.078	0.065	0.000	0.242
>850 to 930 microns	0.000	0.463	0.387	0.000	1.670
>930 to 1000 microns, Phi 0	0.000	0.265	0.222	0.000	1.200
1000 to 1100 microns	0.000	0.071	0.059	0.000	1.120
>1100 to 1190 microns, Phi -0.25	0.000	0.000	0.000	0.000	0.728
>1190 to 1300 microns	0.000	0.000	0.000	0.000	0.458
>1300 to 1410 microns, Phi -0.5	0.000	0.000	0.000	0.000	0.299
>1410 to 1680 microns, Phi -0.75	0.000	0.000	0.000	0.000	0.239
>1680 to 2000 microns, Phi -1	0.000	0.000	0.000	0.000	0.000
>2000 microns*	ND			ND	1.48
Totals:	100.080	100.013	100.075	100.009	101.486

\*=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.

SOUTH BAY OCEAN OUTFALL MONITORING  
 SEDIMENT SEMI-ANNUAL- Grain Size  
 (all values are in percent distribution)  
 From 01-JAN-2006 to 31-DEC-2006

Analyte	I-28	I-29	I-29	I-30	I-30
	P348083	P327416	P348087	P327986	P348092
	07-JUL-2006	06-JAN-2006	07-JUL-2006	10-JAN-2006	07-JUL-2006
<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	0.468	0.222	0.238	0.000	0.100
>1.5 to 2 microns, Phi 9	0.603	0.358	0.359	0.000	0.277
>2.0 to 2.4 microns	0.561	0.307	0.297	0.000	0.222
>2.4 to 2.9 microns, Phi 8.5	0.741	0.383	0.368	0.088	0.272
>2.9 to 3.4 microns	0.768	0.377	0.361	0.140	0.266
>3.4 to 3.9 microns, Phi 8	0.832	0.386	0.368	0.139	0.269
>3.9 to 4 microns	0.170	0.078	0.074	0.028	0.055
>4.0 to 4.3 microns	0.489	0.222	0.213	0.081	0.158
>4.3 to 4.5 microns	0.315	0.142	0.136	0.052	0.101
>4.5 to 5 microns	0.832	0.365	0.350	0.133	0.262
>5 to 5.5 microns	0.814	0.354	0.339	0.129	0.256
>5.5 to 5.7 microns	0.313	0.136	0.130	0.050	0.098
>5.7 to 5.9 microns, Phi 7.5	0.307	0.133	0.127	0.049	0.097
>5.9 to 7.8 microns, Phi 7	2.810	1.200	1.160	0.444	0.890
>7.8 to 8 microns	0.278	0.121	0.116	0.044	0.089
>8 to 8.5 microns	0.666	0.290	0.278	0.106	0.213
>8.5 to 8.9 microns	0.510	0.223	0.214	0.082	0.164
>8.9 to 9.1 microns	0.255	0.114	0.109	0.042	0.083
>9.1 to 9.5 microns	0.493	0.220	0.211	0.080	0.160
>9.5 to 9.8 microns	0.356	0.159	0.153	0.058	0.116
>9.8 to 10.1 microns	0.346	0.155	0.148	0.056	0.112
>10.1 to 10.6 microns	0.581	0.265	0.254	0.095	0.190
>10.6 to 11.1 microns	0.554	0.253	0.242	0.091	0.182
>11.1 to 11.3 microns	0.215	0.098	0.094	0.035	0.070
>11.3 to 11.7 microns, Phi 6.5	0.417	0.195	0.186	0.070	0.138
>11.7 to 14 microns	2.150	1.070	1.010	0.377	0.733
>14 to 14.8 microns	0.673	0.347	0.329	0.121	0.233
>14.8 to 15.6 microns	0.644	0.348	0.329	0.120	0.227
>15.6 to 16 microns	0.312	0.176	0.166	0.060	0.112
>16 to 20 microns	2.770	1.660	1.560	0.555	1.020
>20 to 23 microns, Phi 5.5	1.770	1.220	1.140	0.393	0.682
>23 to 27 microns	2.130	1.710	1.580	0.536	0.874
>27 to 31 microns, Phi 5	2.000	1.870	1.730	0.594	0.902
>31 to 32 microns	0.501	0.515	0.480	0.170	0.244
>32 to 35.6 microns	1.790	1.930	1.820	0.679	0.936
>35.6 to 37 microns, Phi 4.75	0.718	0.829	0.789	0.315	0.412
>37 to 39.6 microns	1.310	1.530	1.460	0.606	0.778
>39.6 to 43.6 microns	2.220	2.810	2.740	1.320	1.570
>43.6 to 44 microns, Phi 4.5	0.211	0.266	0.260	0.126	0.149
>44 to 45 microns	0.527	0.670	0.655	0.323	0.381
>45 to 46.4 microns	0.892	1.210	1.210	0.731	0.797
>46.4 to 53 microns, Phi 4.25	4.090	5.600	5.600	3.650	3.900
>53 to 62.5 microns, Phi 4	6.430	9.130	9.260	7.900	7.960
>62.5 to 64 microns	1.040	1.480	1.510	1.470	1.450
>64 to 71.7 microns	5.340	7.470	7.660	8.330	8.150



SOUTH BAY OCEAN OUTFALL MONITORING  
 SEDIMENT SEMI-ANNUAL- Grain Size  
 (all values are in percent distribution)  
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Analyte	I-28	I-29	I-29	I-30	I-30
	P348083 07-JUL-2006	P327416 06-JAN-2006	P348087 07-JUL-2006	P327986 10-JAN-2006	P348092 07-JUL-2006
>71.7 to 74 microns	1.580	2.170	2.230	2.630	2.560
>74 to 79.6 microns	3.740	4.980	5.170	6.420	6.240
>79.6 to 87.6 microns	5.100	6.470	6.790	9.120	8.850
>87.6 to 88 microns, Phi 3.5	0.243	0.308	0.323	0.434	0.421
>88 to 90 microns	1.190	1.400	1.500	2.080	2.040
>90 to 105 microns, Phi 3.25	8.070	8.960	9.660	13.500	13.300
>105 to 125 microns, Phi 3	8.210	7.980	8.780	11.600	11.800
>125 to 149 microns, Phi 2.75	6.800	5.810	6.510	7.670	7.960
>149 to 160 microns	2.170	1.700	1.920	2.010	2.120
>160 to 177 microns, Phi 2.5	2.720	2.060	2.330	2.300	2.430
>177 to 197 microns	2.200	1.600	1.800	1.630	1.710
>197 to 210 microns, Phi 2.25	1.020	0.736	0.819	0.709	0.729
>210 to 217 microns	0.475	0.343	0.380	0.322	0.328
>217 to 245 microns	1.440	1.070	1.170	0.982	0.974
>245 to 250 microns, Phi 2	0.196	0.150	0.162	0.135	0.130
>250 to 300 microns, Phi 1.75	1.300	1.100	1.130	0.984	0.882
>300 to 320 microns	0.254	0.276	0.260	0.261	0.194
>320 to 350 microns, Phi 1.5	0.323	0.368	0.340	0.354	0.253
>350 to 360 microns	0.068	0.099	0.083	0.104	0.062
>360 to 400 microns	0.244	0.368	0.303	0.390	0.226
>400 to 420 microns, Phi 1.25	0.078	0.158	0.114	0.187	0.086
>420 to 440 microns	0.074	0.150	0.109	0.178	0.082
>440 to 500 microns, Phi 1	0.158	0.415	0.258	0.550	0.197
>500 to 590 microns, Phi 0.75	0.039	0.572	0.065	0.862	0.050
>590 to 630 microns	0.000	0.258	0.000	0.430	0.000
>630 to 696 microns	0.000	0.407	0.000	0.690	0.000
>696 to 710 microns, Phi 0.5	0.000	0.089	0.000	0.155	0.000
>710 to 773 microns	0.000	0.381	0.000	0.661	0.000
>773 to 840 microns, Phi 0.25	0.000	0.401	0.000	0.684	0.000
>840 to 850 microns	0.000	0.057	0.000	0.098	0.000
>850 to 930 microns	0.000	0.342	0.000	0.582	0.000
>930 to 1000 microns, Phi 0	0.000	0.195	0.000	0.333	0.000
1000 to 1100 microns	0.000	0.052	0.000	0.282	0.000
>1100 to 1190 microns, Phi -0.25	0.000	0.000	0.000	0.152	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*	2.22				
Totals:	102.223	100.022	100.019	99.947	99.974

\*=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.

SOUTH BAY OCEAN OUTFALL MONITORING  
 SEDIMENT SEMI-ANNUAL- Grain Size  
 (all values are in percent distribution)  
 From 01-JAN-2006 to 31-DEC-2006

Analyte	I-31		I-33		I-34
	P327989 10-JAN-2006	P348097 07-JUL-2006	P326969 03-JAN-2006	P348102 07-JUL-2006	P348106 07-JUL-2006
<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	0.111	0.243	0.000
>2.0 to 2.4 microns	0.000	0.000	0.176	0.221	0.000
>2.4 to 2.9 microns, Phi 8.5	0.000	0.000	0.231	0.293	0.000
>2.9 to 3.4 microns	0.000	0.101	0.240	0.309	0.000
>3.4 to 3.9 microns, Phi 8	0.000	0.120	0.258	0.337	0.000
>3.9 to 4 microns	0.021	0.025	0.054	0.071	0.000
>4.0 to 4.3 microns	0.062	0.073	0.155	0.205	0.000
>4.3 to 4.5 microns	0.040	0.047	0.100	0.132	0.000
>4.5 to 5 microns	0.105	0.123	0.267	0.357	0.000
>5 to 5.5 microns	0.104	0.122	0.263	0.355	0.000
>5.5 to 5.7 microns	0.040	0.047	0.101	0.137	0.000
>5.7 to 5.9 microns, Phi 7.5	0.040	0.047	0.100	0.136	0.000
>5.9 to 7.8 microns, Phi 7	0.375	0.447	0.933	1.290	0.000
>7.8 to 8 microns	0.038	0.046	0.092	0.129	0.000
>8 to 8.5 microns	0.091	0.110	0.221	0.310	0.000
>8.5 to 8.9 microns	0.070	0.085	0.169	0.238	0.000
>8.9 to 9.1 microns	0.035	0.044	0.084	0.119	0.000
>9.1 to 9.5 microns	0.068	0.084	0.163	0.230	0.000
>9.5 to 9.8 microns	0.049	0.061	0.118	0.167	0.000
>9.8 to 10.1 microns	0.048	0.059	0.114	0.162	0.000
>10.1 to 10.6 microns	0.080	0.102	0.190	0.273	0.000
>10.6 to 11.1 microns	0.077	0.097	0.181	0.260	0.000
>11.1 to 11.3 microns	0.030	0.038	0.070	0.101	0.000
>11.3 to 11.7 microns, Phi 6.5	0.058	0.074	0.136	0.195	0.000
>11.7 to 14 microns	0.304	0.394	0.687	0.994	0.000
>14 to 14.8 microns	0.095	0.125	0.211	0.307	0.000
>14.8 to 15.6 microns	0.091	0.121	0.198	0.286	0.000
>15.6 to 16 microns	0.044	0.059	0.094	0.136	0.000
>16 to 20 microns	0.391	0.527	0.811	1.170	0.000
>20 to 23 microns, Phi 5.5	0.247	0.339	0.479	0.683	0.000
>23 to 27 microns	0.300	0.410	0.534	0.743	0.000
>27 to 31 microns, Phi 5	0.297	0.400	0.473	0.633	0.000
>31 to 32 microns	0.079	0.105	0.115	0.149	0.000
>32 to 35.6 microns	0.305	0.398	0.410	0.521	0.000
>35.6 to 37 microns, Phi 4.75	0.135	0.173	0.164	0.203	0.000
>37 to 39.6 microns	0.257	0.328	0.303	0.370	0.000
>39.6 to 43.6 microns	0.545	0.674	0.546	0.639	0.000
>43.6 to 44 microns, Phi 4.5	0.052	0.064	0.052	0.061	0.000
>44 to 45 microns	0.133	0.164	0.131	0.153	0.000
>45 to 46.4 microns	0.310	0.366	0.253	0.281	0.000
>46.4 to 53 microns, Phi 4.25	1.610	1.870	1.240	1.350	0.000
>53 to 62.5 microns, Phi 4	4.160	4.530	2.610	2.680	0.046
>62.5 to 64 microns	0.859	0.911	0.501	0.502	0.019
>64 to 71.7 microns	5.680	5.900	3.200	3.140	0.115

SOUTH BAY OCEAN OUTFALL MONITORING  
 SEDIMENT SEMI-ANNUAL- Grain Size  
 (all values are in percent distribution)  
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Analyte	I-31	I-31	I-33	I-33	I-34
	P327989	P348097	P326969	P348102	P348106
	10-JAN-2006	07-JUL-2006	03-JAN-2006	07-JUL-2006	07-JUL-2006
>71.7 to 74 microns	1.970	2.020	1.090	1.050	0.038
>74 to 79.6 microns	5.380	5.500	3.050	2.940	0.110
>79.6 to 87.6 microns	8.740	8.890	5.080	4.890	0.190
>87.6 to 88 microns, Phi 3.5	0.416	0.423	0.242	0.232	0.009
>88 to 90 microns	2.330	2.380	1.520	1.480	0.070
>90 to 105 microns, Phi 3.25	16.600	17.000	11.900	11.600	0.657
>105 to 125 microns, Phi 3	16.800	17.400	15.500	15.600	1.640
>125 to 149 microns, Phi 2.75	11.900	12.400	14.100	14.900	3.620
>149 to 160 microns	3.110	3.240	4.420	4.820	2.650
>160 to 177 microns, Phi 2.5	3.510	3.640	5.370	5.940	4.660
>177 to 197 microns	2.380	2.410	4.020	4.520	7.030
>197 to 210 microns, Phi 2.25	0.992	0.974	1.760	1.980	5.090
>210 to 217 microns	0.441	0.426	0.800	0.899	2.760
>217 to 245 microns	1.300	1.220	2.390	2.650	10.600
>245 to 250 microns, Phi 2	0.172	0.154	0.321	0.350	1.810
>250 to 300 microns, Phi 1.75	1.190	0.995	2.220	2.310	15.100
>300 to 320 microns	0.286	0.200	0.516	0.467	4.210
>320 to 350 microns, Phi 1.5	0.383	0.260	0.685	0.602	5.560
>350 to 360 microns	0.106	0.062	0.181	0.138	1.410
>360 to 400 microns	0.394	0.224	0.670	0.496	5.100
>400 to 420 microns, Phi 1.25	0.178	0.084	0.289	0.176	1.920
>420 to 440 microns	0.169	0.080	0.275	0.168	1.830
>440 to 500 microns, Phi 1	0.494	0.195	0.772	0.385	4.370
>500 to 590 microns, Phi 0.75	0.721	0.050	1.080	0.097	4.900
>590 to 630 microns	0.333	0.000	0.486	0.000	1.690
>630 to 696 microns	0.524	0.000	0.762	0.000	2.480
>696 to 710 microns, Phi 0.5	0.113	0.000	0.163	0.000	0.453
>710 to 773 microns	0.483	0.000	0.696	0.000	1.940
>773 to 840 microns, Phi 0.25	0.489	0.000	0.702	0.000	1.680
>840 to 850 microns	0.070	0.000	0.100	0.000	0.237
>850 to 930 microns	0.416	0.000	0.596	0.000	1.640
>930 to 1000 microns, Phi 0	0.238	0.000	0.341	0.000	1.180
1000 to 1100 microns	0.063	0.000	0.289	0.000	1.170
>1100 to 1190 microns, Phi -0.25	0.000	0.000	0.156	0.000	0.792
>1190 to 1300 microns	0.000	0.000	0.000	0.000	0.569
>1300 to 1410 microns, Phi -0.5	0.000	0.000	0.000	0.000	0.372
>1410 to 1680 microns, Phi -0.75	0.000	0.000	0.000	0.000	0.296
>1680 to 2000 microns, Phi -1	0.000	0.000	0.000	0.000	0.000
Totals:	100.016	100.037	100.081	99.961	100.013

SOUTH BAY OCEAN OUTFALL MONITORING  
 SEDIMENT SEMI-ANNUAL- Grain Size  
 (all values are in percent distribution)  
 From 01-JAN-2006 to 31-DEC-2006

Analyte	I-35	I-35
	P326979	P348113
	03-JAN-2006	07-JUL-2006
<0.500 microns, Phi 11	0.000	0.000
>0.5 to 1 microns, Phi 10	0.104	0.449
>1 to 1.5 microns, Phi 9.5	0.454	0.486
>1.5 to 2 microns, Phi 9	0.496	0.495
>2.0 to 2.4 microns	0.405	0.395
>2.4 to 2.9 microns, Phi 8.5	0.489	0.479
>2.9 to 3.4 microns	0.471	0.465
>3.4 to 3.9 microns, Phi 8	0.470	0.466
>3.9 to 4 microns	0.096	0.096
>4.0 to 4.3 microns	0.274	0.277
>4.3 to 4.5 microns	0.176	0.177
>4.5 to 5 microns	0.451	0.460
>5 to 5.5 microns	0.446	0.460
>5.5 to 5.7 microns	0.172	0.178
>5.7 to 5.9 microns, Phi 7.5	0.168	0.175
>5.9 to 7.8 microns, Phi 7	1.580	1.690
>7.8 to 8 microns	0.169	0.183
>8 to 8.5 microns	0.404	0.438
>8.5 to 8.9 microns	0.314	0.341
>8.9 to 9.1 microns	0.165	0.181
>9.1 to 9.5 microns	0.320	0.351
>9.5 to 9.8 microns	0.231	0.253
>9.8 to 10.1 microns	0.225	0.246
>10.1 to 10.6 microns	0.403	0.448
>10.6 to 11.1 microns	0.385	0.427
>11.1 to 11.3 microns	0.149	0.165
>11.3 to 11.7 microns, Phi 6.5	0.300	0.333
>11.7 to 14 microns	1.710	1.900
>14 to 14.8 microns	0.571	0.638
>14.8 to 15.6 microns	0.578	0.644
>15.6 to 16 microns	0.294	0.327
>16 to 20 microns	2.820	3.110
>20 to 23 microns, Phi 5.5	2.110	2.290
>23 to 27 microns	2.870	3.030
>27 to 31 microns, Phi 5	2.920	2.980
>31 to 32 microns	0.749	0.749
>32 to 35.6 microns	2.650	2.630
>35.6 to 37 microns, Phi 4.75	1.050	1.030
>37 to 39.6 microns	1.890	1.850
>39.6 to 43.6 microns	3.050	2.950
>43.6 to 44 microns, Phi 4.5	0.289	0.280
>44 to 45 microns	0.719	0.696
>45 to 46.4 microns	1.140	1.090
>46.4 to 53 microns, Phi 4.25	5.130	4.880
>53 to 62.5 microns, Phi 4	7.460	7.030
>62.5 to 64 microns	1.160	1.090
>64 to 71.7 microns	5.750	5.440

SOUTH BAY OCEAN OUTFALL MONITORING  
 SEDIMENT SEMI-ANNUAL- Grain Size  
 (all values are in percent distribution)  
 From 01-JAN-2006 to 31-DEC-2006

Analyte	I-35	
	P326979 03-JAN-2006	P348113 07-JUL-2006
>71.7 to 74 microns	1.650	1.570
>74 to 79.6 microns	3.830	3.670
>79.6 to 87.6 microns	5.060	4.910
>87.6 to 88 microns, Phi 3.5	0.241	0.234
>88 to 90 microns	1.150	1.140
>90 to 105 microns, Phi 3.25	7.600	7.640
>105 to 125 microns, Phi 3	7.420	7.740
>125 to 149 microns, Phi 2.75	5.890	6.370
>149 to 160 microns	1.820	2.010
>160 to 177 microns, Phi 2.5	2.250	2.500
>177 to 197 microns	1.800	1.990
>197 to 210 microns, Phi 2.25	0.839	0.914
>210 to 217 microns	0.393	0.425
>217 to 245 microns	1.230	1.290
>245 to 250 microns, Phi 2	0.174	0.178
>250 to 300 microns, Phi 1.75	1.270	1.220
>300 to 320 microns	0.319	0.262
>320 to 350 microns, Phi 1.5	0.425	0.339
>350 to 360 microns	0.114	0.080
>360 to 400 microns	0.420	0.287
>400 to 420 microns, Phi 1.25	0.178	0.104
>420 to 440 microns	0.169	0.099
>440 to 500 microns, Phi 1	0.454	0.230
>500 to 590 microns, Phi 0.75	0.589	0.058
>590 to 630 microns	0.237	0.000
>630 to 696 microns	0.268	0.000
>696 to 710 microns, Phi 0.5	0.000	0.000
>710 to 773 microns	0.000	0.000
>773 to 840 microns, Phi 0.25	0.000	0.000
>840 to 850 microns	0.000	0.000
>850 to 930 microns	0.000	0.000
>930 to 1000 microns, Phi 0	0.000	0.000
1000 to 1100 microns	0.000	0.000
>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
Totals:	100.017	100.008

SOUTH BAY OCEAN OUTFALL MONITORING  
 SEDIMENT SEMI-ANNUAL - Grain Size (Sieve)  
 (all values are in percent distribution)  
 From 01-JAN-2006 to 31-DEC-2006

Analyte	I-34* P326974 03-JAN-2006	I-23 P347922 05-JUL-2006
<63 microns, Phi<4	1.4	4.1
>63 to 125 microns, Phi>4	0.4	2.7
>125 to 250 microns, Phi>3	11.5	1.9
>250 to 500 microns, Phi>2	30.0	23.9
>500 to 1000 microns, Phi>1	21.4	29.8
>1000 to 2000 microns, Phi>0	14.8	17.2
>2000 microns, Phi>-1	20.4	20.5
Totals:	99.9	100.1

\* = The following sample(s) could not be analyzed by the laser instrument because the sample contains particles that could damage the instrument (i.e. scratch the cell or get caught in a valve), or the sample consists of a distribution of particles such that the population of all sizes cannot be adequately represented in the sample size suitable for the laser instrument.

SOUTH BAY OCEAN OUTFALL MONITORING  
 SEDIMENT SEMI-ANNUAL- Grain Size - Random Stations  
 (all values are in percent distribution)  
 From 01-JAN-2006 to 31-DEC-2006

Analyte	2014	2021	2023	2028	2031
	21-AUG-2006 P354108	22-AUG-2006 P354177	22-AUG-2006 P354181	18-AUG-2006 P353577	17-AUG-2006 P353495
<0.500 microns, Phi 11	0.000	0.000	0.000	0.000	0.000
>0.5 to 1 microns, Phi 10	0.000	0.100	0.000	0.117	0.221
>1 to 1.5 microns, Phi 9.5	0.117	0.476	0.473	0.599	0.517
>1.5 to 2 microns, Phi 9	0.365	0.611	0.643	0.829	0.619
>2.0 to 2.4 microns	0.329	0.569	0.615	0.798	0.550
>2.4 to 2.9 microns, Phi 8.5	0.427	0.756	0.824	1.070	0.710
>2.9 to 3.4 microns	0.435	0.790	0.861	1.120	0.723
>3.4 to 3.9 microns, Phi 8	0.462	0.861	0.943	1.220	0.768
>3.9 to 4 microns	0.095	0.179	0.194	0.251	0.158
>4.0 to 4.3 microns	0.271	0.515	0.557	0.722	0.455
>4.3 to 4.5 microns	0.174	0.332	0.359	0.465	0.292
>4.5 to 5 microns	0.456	0.888	0.953	1.240	0.770
>5 to 5.5 microns	0.446	0.883	0.936	1.220	0.762
>5.5 to 5.7 microns	0.172	0.341	0.360	0.469	0.294
>5.7 to 5.9 microns, Phi 7.5	0.169	0.336	0.354	0.461	0.289
>5.9 to 7.8 microns, Phi 7	1.550	3.170	3.260	4.270	2.710
>7.8 to 8 microns	0.155	0.324	0.324	0.430	0.278
>8 to 8.5 microns	0.372	0.775	0.776	1.030	0.666
>8.5 to 8.9 microns	0.286	0.596	0.595	0.789	0.514
>8.9 to 9.1 microns	0.144	0.303	0.298	0.399	0.264
>9.1 to 9.5 microns	0.279	0.587	0.577	0.772	0.510
>9.5 to 9.8 microns	0.202	0.424	0.417	0.558	0.369
>9.8 to 10.1 microns	0.196	0.412	0.405	0.541	0.358
>10.1 to 10.6 microns	0.333	0.709	0.683	0.923	0.622
>10.6 to 11.1 microns	0.318	0.677	0.652	0.880	0.593
>11.1 to 11.3 microns	0.123	0.262	0.252	0.341	0.230
>11.3 to 11.7 microns, Phi 6.5	0.241	0.513	0.491	0.666	0.453
>11.7 to 14 microns	1.270	2.700	2.540	3.480	2.440
>14 to 14.8 microns	0.405	0.855	0.798	1.100	0.786
>14.8 to 15.6 microns	0.394	0.823	0.765	1.060	0.771
>15.6 to 16 microns	0.193	0.401	0.371	0.520	0.382
>16 to 20 microns	1.750	3.580	3.300	4.660	3.490
>20 to 23 microns, Phi 5.5	1.160	2.300	2.120	3.050	2.380
>23 to 27 microns	1.450	2.750	2.560	3.740	3.010
>27 to 31 microns, Phi 5	1.420	2.530	2.410	3.570	2.930
>31 to 32 microns	0.365	0.619	0.598	0.895	0.746
>32 to 35.6 microns	1.330	2.180	2.120	3.180	2.680
>35.6 to 37 microns, Phi 4.75	0.552	0.850	0.836	1.260	1.080
>37 to 39.6 microns	1.020	1.530	1.510	2.270	1.960
>39.6 to 43.6 microns	1.840	2.520	2.470	3.680	3.330
>43.6 to 44 microns, Phi 4.5	0.175	0.239	0.234	0.350	0.316
>44 to 45 microns	0.439	0.595	0.583	0.868	0.788
>45 to 46.4 microns	0.805	0.969	0.929	1.350	1.310
>46.4 to 53 microns, Phi 4.25	3.780	4.400	4.180	5.980	5.910
>53 to 62.5 microns, Phi 4	6.670	6.690	6.050	7.980	8.710
>62.5 to 64 microns	1.140	1.070	0.934	1.160	1.340
>64 to 71.7 microns	6.200	5.450	4.640	5.340	6.500

SOUTH BAY OCEAN OUTFALL MONITORING  
 SEDIMENT SEMI-ANNUAL- Grain Size - Random Stations  
 (all values are in percent distribution)  
 From 01-JAN-2006 to 31-DEC-2006

Analyte	2014	2021	2023	2028	2031
	21-AUG-2006 P354108	22-AUG-2006 P354177	22-AUG-2006 P354181	18-AUG-2006 P353577	17-AUG-2006 P353495
>71.7 to 74 microns	1.900	1.600	1.330	1.430	1.820
>74 to 79.6 microns	4.650	3.780	3.110	3.120	4.100
>79.6 to 87.6 microns	6.620	5.130	4.150	3.720	5.160
>87.6 to 88 microns, Phi 3.5	0.315	0.244	0.197	0.177	0.245
>88 to 90 microns	1.600	1.190	0.968	0.745	1.090
>90 to 105 microns, Phi 3.25	11.000	7.950	6.570	4.490	6.820
>105 to 125 microns, Phi 3	11.300	7.710	7.020	3.550	5.830
>125 to 149 microns, Phi 2.75	9.030	5.760	6.310	2.300	4.060
>149 to 160 microns	2.700	1.620	2.180	0.609	1.120
>160 to 177 microns, Phi 2.5	3.240	1.880	2.830	0.700	1.310
>177 to 197 microns	2.380	1.310	2.410	0.496	0.942
>197 to 210 microns, Phi 2.25	1.010	0.537	1.140	0.213	0.402
>210 to 217 microns	0.451	0.237	0.537	0.096	0.181
>217 to 245 microns	1.290	0.673	1.630	0.286	0.530
>245 to 250 microns, Phi 2	0.164	0.085	0.222	0.038	0.069
>250 to 300 microns, Phi 1.75	1.020	0.532	1.450	0.258	0.455
>300 to 320 microns	0.179	0.098	0.266	0.056	0.092
>320 to 350 microns, Phi 1.5	0.226	0.125	0.335	0.063	0.118
>350 to 360 microns	0.047	0.028	0.067	0.000	0.027
>360 to 400 microns	0.169	0.089	0.239	0.000	0.088
>400 to 420 microns, Phi 1.25	0.056	0.000	0.074	0.000	0.000
>420 to 440 microns	0.053	0.000	0.070	0.000	0.000
>440 to 500 microns, Phi 1	0.119	0.000	0.147	0.000	0.000
>500 to 590 microns, Phi 0.75	0.030	0.000	0.036	0.000	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	1.47	ND	ND
Totals:	100.024	100.018	101.508	100.020	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.



SOUTH BAY OCEAN OUTFALL MONITORING  
 SEDIMENT SEMI-ANNUAL- Grain Size - Random Stations  
 (all values are in percent distribution)  
 From 01-JAN-2006 to 31-DEC-2006

Analyte	2038	2046	2110	2111	2112
	17-AUG-2006 P353498	14-AUG-2006 P352869	14-AUG-2006 P352876	14-AUG-2006 P352879	14-AUG-2006 P352862
<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	0.382	0.000	0.000	0.000	0.000
>1.5 to 2 microns, Phi 9	0.465	0.000	0.000	0.122	0.000
>2.0 to 2.4 microns	0.420	0.000	0.000	0.190	0.047
>2.4 to 2.9 microns, Phi 8.5	0.549	0.087	0.000	0.240	0.174
>2.9 to 3.4 microns	0.567	0.145	0.000	0.242	0.174
>3.4 to 3.9 microns, Phi 8	0.609	0.153	0.000	0.252	0.179
>3.9 to 4 microns	0.126	0.032	0.000	0.053	0.037
>4.0 to 4.3 microns	0.361	0.093	0.000	0.152	0.107
>4.3 to 4.5 microns	0.232	0.060	0.000	0.098	0.069
>4.5 to 5 microns	0.615	0.160	0.000	0.258	0.180
>5 to 5.5 microns	0.606	0.159	0.000	0.260	0.178
>5.5 to 5.7 microns	0.233	0.061	0.000	0.101	0.069
>5.7 to 5.9 microns, Phi 7.5	0.230	0.061	0.000	0.099	0.068
>5.9 to 7.8 microns, Phi 7	2.140	0.579	0.000	0.973	0.633
>7.8 to 8 microns	0.216	0.058	0.000	0.106	0.064
>8 to 8.5 microns	0.517	0.140	0.000	0.253	0.153
>8.5 to 8.9 microns	0.397	0.107	0.000	0.197	0.118
>8.9 to 9.1 microns	0.201	0.054	0.000	0.105	0.060
>9.1 to 9.5 microns	0.389	0.105	0.000	0.203	0.116
>9.5 to 9.8 microns	0.281	0.076	0.000	0.147	0.084
>9.8 to 10.1 microns	0.273	0.073	0.000	0.142	0.081
>10.1 to 10.6 microns	0.466	0.124	0.000	0.259	0.138
>10.6 to 11.1 microns	0.445	0.119	0.000	0.247	0.131
>11.1 to 11.3 microns	0.172	0.046	0.000	0.096	0.051
>11.3 to 11.7 microns, Phi 6.5	0.337	0.089	0.000	0.192	0.100
>11.7 to 14 microns	1.770	0.461	0.000	1.090	0.529
>14 to 14.8 microns	0.562	0.143	0.000	0.365	0.168
>14.8 to 15.6 microns	0.542	0.136	0.000	0.367	0.163
>15.6 to 16 microns	0.265	0.065	0.000	0.186	0.080
>16 to 20 microns	2.380	0.567	0.000	1.750	0.718
>20 to 23 microns, Phi 5.5	1.550	0.344	0.000	1.270	0.473
>23 to 27 microns	1.880	0.393	0.000	1.650	0.594
>27 to 31 microns, Phi 5	1.780	0.362	0.000	1.620	0.602
>31 to 32 microns	0.445	0.091	0.000	0.411	0.162
>32 to 35.6 microns	1.600	0.340	0.000	1.470	0.621
>35.6 to 37 microns, Phi 4.75	0.645	0.144	0.000	0.589	0.275
>37 to 39.6 microns	1.180	0.272	0.000	1.070	0.522
>39.6 to 43.6 microns	2.060	0.549	0.000	1.830	1.080
>43.6 to 44 microns, Phi 4.5	0.196	0.052	0.000	0.174	0.103
>44 to 45 microns	0.492	0.134	0.000	0.435	0.263
>45 to 46.4 microns	0.871	0.295	0.000	0.750	0.577
>46.4 to 53 microns, Phi 4.25	4.060	1.510	0.000	3.480	2.890
>53 to 62.5 microns, Phi 4	6.900	3.740	0.000	5.870	6.420
>62.5 to 64 microns	1.160	0.764	0.000	0.995	1.230
>64 to 71.7 microns	6.200	5.080	0.000	5.450	7.270

SOUTH BAY OCEAN OUTFALL MONITORING  
 SEDIMENT SEMI-ANNUAL- Grain Size - Random Stations  
 (all values are in percent distribution)  
 From 01-JAN-2006 to 31-DEC-2006

Analyte	2038	2046	2110	2111	2112
	17-AUG-2006 P353498	14-AUG-2006 P352869	14-AUG-2006 P352876	14-AUG-2006 P352879	14-AUG-2006 P352862
>71.7 to 74 microns	1.880	1.770	0.000	1.680	2.370
>74 to 79.6 microns	4.530	4.930	0.000	4.200	5.980
>79.6 to 87.6 microns	6.330	8.160	0.000	6.150	8.900
>87.6 to 88 microns, Phi 3.5	0.301	0.388	0.000	0.293	0.423
>88 to 90 microns	1.490	2.260	0.000	1.570	2.150
>90 to 105 microns, Phi 3.25	10.000	16.600	0.036	11.200	14.600
>105 to 125 microns, Phi 3	9.840	17.800	0.227	12.500	13.800
>125 to 149 microns, Phi 2.75	7.490	13.300	0.410	10.700	9.910
>149 to 160 microns	2.160	3.630	0.287	3.300	2.750
>160 to 177 microns, Phi 2.5	2.550	4.160	0.516	4.000	3.220
>177 to 197 microns	1.830	2.850	0.867	2.950	2.320
>197 to 210 microns, Phi 2.25	0.773	1.180	0.808	1.240	1.010
>210 to 217 microns	0.345	0.523	0.461	0.553	0.456
>217 to 245 microns	0.993	1.510	2.330	1.570	1.360
>245 to 250 microns, Phi 2	0.127	0.194	0.473	0.196	0.182
>250 to 300 microns, Phi 1.75	0.802	1.260	5.990	1.200	1.240
>300 to 320 microns	0.147	0.254	3.270	0.202	0.269
>320 to 350 microns, Phi 1.5	0.187	0.329	4.820	0.254	0.351
>350 to 360 microns	0.040	0.077	1.850	0.052	0.085
>360 to 400 microns	0.145	0.278	7.120	0.184	0.309
>400 to 420 microns, Phi 1.25	0.049	0.102	3.860	0.059	0.116
>420 to 440 microns	0.047	0.097	3.680	0.057	0.111
>440 to 500 microns, Phi 1	0.106	0.229	11.100	0.126	0.266
>500 to 590 microns, Phi 0.75	0.027	0.058	15.100	0.031	0.068
>590 to 630 microns	0.000	0.000	5.570	0.000	0.000
>630 to 696 microns	0.000	0.000	8.020	0.000	0.000
>696 to 710 microns, Phi 0.5	0.000	0.000	1.370	0.000	0.000
>710 to 773 microns	0.000	0.000	5.860	0.000	0.000
>773 to 840 microns, Phi 0.25	0.000	0.000	4.300	0.000	0.000
>840 to 850 microns	0.000	0.000	0.598	0.000	0.000
>850 to 930 microns	0.000	0.000	3.760	0.000	0.000
>930 to 1000 microns, Phi 0	0.000	0.000	2.360	0.000	0.000
1000 to 1100 microns	0.000	0.000	2.020	0.000	0.000
>1100 to 1190 microns, Phi -0.25	0.000	0.000	1.270	0.000	0.000
>1190 to 1300 microns	0.000	0.000	0.800	0.000	0.000
>1300 to 1410 microns, Phi -0.5	0.000	0.000	0.466	0.000	0.000
>1410 to 1680 microns, Phi -0.75	0.000	0.000	0.328	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:	99.956	99.962	99.927	100.076	99.997

\*=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.

SOUTH BAY OCEAN OUTFALL MONITORING  
 SEDIMENT SEMI-ANNUAL- Grain Size - Random Stations  
 (all values are in percent distribution)  
 From 01-JAN-2006 to 31-DEC-2006

Analyte	2113	2114	2115	2118	2119
	17-AUG-2006 P353504	17-AUG-2006 P353511	14-AUG-2006 P352865	17-AUG-2006 P353513	18-AUG-2006 P353584
<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	0.114	0.000
>1 to 1.5 microns, Phi 9.5	0.000	0.399	0.000	0.562	0.111
>1.5 to 2 microns, Phi 9	0.280	0.469	0.000	0.756	0.375
>2.0 to 2.4 microns	0.270	0.421	0.000	0.722	0.374
>2.4 to 2.9 microns, Phi 8.5	0.369	0.556	0.000	0.968	0.526
>2.9 to 3.4 microns	0.397	0.580	0.000	1.010	0.576
>3.4 to 3.9 microns, Phi 8	0.444	0.628	0.122	1.110	0.658
>3.9 to 4 microns	0.094	0.131	0.026	0.228	0.138
>4.0 to 4.3 microns	0.271	0.376	0.074	0.653	0.396
>4.3 to 4.5 microns	0.175	0.242	0.048	0.420	0.256
>4.5 to 5 microns	0.476	0.647	0.128	1.120	0.696
>5 to 5.5 microns	0.476	0.638	0.126	1.090	0.683
>5.5 to 5.7 microns	0.184	0.246	0.048	0.418	0.263
>5.7 to 5.9 microns, Phi 7.5	0.182	0.242	0.048	0.410	0.259
>5.9 to 7.8 microns, Phi 7	1.740	2.250	0.446	3.730	2.390
>7.8 to 8 microns	0.175	0.222	0.044	0.361	0.229
>8 to 8.5 microns	0.419	0.531	0.106	0.865	0.547
>8.5 to 8.9 microns	0.321	0.406	0.081	0.659	0.416
>8.9 to 9.1 microns	0.161	0.202	0.041	0.325	0.202
>9.1 to 9.5 microns	0.312	0.390	0.079	0.628	0.391
>9.5 to 9.8 microns	0.225	0.282	0.057	0.454	0.282
>9.8 to 10.1 microns	0.219	0.274	0.055	0.441	0.274
>10.1 to 10.6 microns	0.369	0.457	0.093	0.728	0.444
>10.6 to 11.1 microns	0.352	0.436	0.088	0.694	0.424
>11.1 to 11.3 microns	0.137	0.169	0.034	0.269	0.164
>11.3 to 11.7 microns, Phi 6.5	0.264	0.326	0.067	0.517	0.312
>11.7 to 14 microns	1.340	1.640	0.345	2.590	1.510
>14 to 14.8 microns	0.414	0.505	0.107	0.795	0.449
>14.8 to 15.6 microns	0.385	0.471	0.101	0.747	0.407
>15.6 to 16 microns	0.183	0.224	0.049	0.356	0.188
>16 to 20 microns	1.570	1.920	0.425	3.080	1.560
>20 to 23 microns, Phi 5.5	0.910	1.130	0.258	1.860	0.835
>23 to 27 microns	0.981	1.240	0.292	2.130	0.847
>27 to 31 microns, Phi 5	0.821	1.070	0.255	1.930	0.672
>31 to 32 microns	0.189	0.251	0.060	0.472	0.149
>32 to 35.6 microns	0.648	0.869	0.210	1.670	0.502
>35.6 to 37 microns, Phi 4.75	0.243	0.331	0.080	0.660	0.183
>37 to 39.6 microns	0.437	0.594	0.144	1.200	0.326
>39.6 to 43.6 microns	0.698	0.948	0.230	2.020	0.498
>43.6 to 44 microns, Phi 4.5	0.067	0.090	0.022	0.192	0.047
>44 to 45 microns	0.165	0.224	0.054	0.481	0.117
>45 to 46.4 microns	0.270	0.357	0.086	0.817	0.183
>46.4 to 53 microns, Phi 4.25	1.240	1.620	0.390	3.760	0.831
>53 to 62.5 microns, Phi 4	2.060	2.500	0.591	6.100	1.300
>62.5 to 64 microns	0.351	0.405	0.095	1.010	0.214
>64 to 71.7 microns	2.000	2.170	0.498	5.310	1.180

SOUTH BAY OCEAN OUTFALL MONITORING  
 SEDIMENT SEMI-ANNUAL- Grain Size - Random Stations  
 (all values are in percent distribution)  
 From 01-JAN-2006 to 31-DEC-2006

Analyte	2113	2114	2115	2118	2119
	17-AUG-2006 P353504	17-AUG-2006 P353511	14-AUG-2006 P352865	17-AUG-2006 P353513	18-AUG-2006 P353584
>71.7 to 74 microns	0.634	0.659	0.149	1.590	0.367
>74 to 79.6 microns	1.690	1.670	0.370	3.840	0.954
>79.6 to 87.6 microns	2.670	2.470	0.536	5.350	1.460
>87.6 to 88 microns, Phi 3.5	0.127	0.118	0.025	0.254	0.070
>88 to 90 microns	0.802	0.685	0.144	1.270	0.424
>90 to 105 microns, Phi 3.25	6.510	5.300	1.100	8.560	3.380
>105 to 125 microns, Phi 3	10.500	7.940	1.680	8.420	5.370
>125 to 149 microns, Phi 2.75	13.500	10.100	2.530	6.340	7.320
>149 to 160 microns	5.790	4.580	1.550	1.790	3.610
>160 to 177 microns, Phi 2.5	8.060	6.610	2.650	2.080	5.480
>177 to 197 microns	7.460	6.730	4.100	1.450	6.360
>197 to 210 microns, Phi 2.25	3.560	3.530	3.460	0.596	3.900
>210 to 217 microns	1.690	1.730	1.940	0.263	2.020
>217 to 245 microns	5.050	5.510	8.810	0.744	7.280
>245 to 250 microns, Phi 2	0.681	0.797	1.690	0.093	1.190
>250 to 300 microns, Phi 1.75	4.350	5.500	17.600	0.578	9.730
>300 to 320 microns	0.778	1.130	6.480	0.103	2.680
>320 to 350 microns, Phi 1.5	0.979	1.440	8.700	0.132	3.520
>350 to 360 microns	0.197	0.310	2.340	0.028	0.871
>360 to 400 microns	0.700	1.110	8.430	0.092	3.130
>400 to 420 microns, Phi 1.25	0.216	0.357	2.930	0.000	1.090
>420 to 440 microns	0.206	0.340	2.790	0.000	1.040
>440 to 500 microns, Phi 1	0.424	0.710	5.550	0.000	2.180
>500 to 590 microns, Phi 0.75	0.103	0.547	4.460	0.000	1.950
>590 to 630 microns	0.000	0.011	0.938	0.000	0.411
>630 to 696 microns	0.000	0.000	1.210	0.000	0.527
>696 to 710 microns, Phi 0.5	0.000	0.000	0.156	0.000	0.066
>710 to 773 microns	0.000	0.000	0.667	0.000	0.282
>773 to 840 microns, Phi 0.25	0.000	0.000	0.381	0.000	0.018
>840 to 850 microns	0.000	0.000	0.052	0.000	0.000
>850 to 930 microns	0.000	0.000	0.307	0.000	0.000
>930 to 1000 microns, Phi 0	0.000	0.000	0.176	0.000	0.000
1000 to 1100 microns	0.000	0.000	0.047	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:	99.961	99.963	100.051	100.005	100.064

SOUTH BAY OCEAN OUTFALL MONITORING  
 SEDIMENT SEMI-ANNUAL- Grain Size - Random Stations  
 (all values are in percent distribution)  
 From 01-JAN-2006 to 31-DEC-2006

Analyte	2120	2122	2123	2124	2126
	14-AUG-2006 P352885	14-AUG-2006 P352890	14-AUG-2006 P352895	17-AUG-2006 P353525	17-AUG-2006 P353530
<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	0.101
>1 to 1.5 microns, Phi 9.5	0.109	0.000	0.357	0.410	0.451
>1.5 to 2 microns, Phi 9	0.345	0.008	0.394	0.533	0.547
>2.0 to 2.4 microns	0.321	0.150	0.329	0.498	0.492
>2.4 to 2.9 microns, Phi 8.5	0.431	0.189	0.410	0.659	0.641
>2.9 to 3.4 microns	0.458	0.193	0.407	0.682	0.659
>3.4 to 3.9 microns, Phi 8	0.505	0.201	0.418	0.738	0.706
>3.9 to 4 microns	0.106	0.043	0.087	0.150	0.146
>4.0 to 4.3 microns	0.305	0.125	0.249	0.431	0.420
>4.3 to 4.5 microns	0.196	0.081	0.160	0.277	0.270
>4.5 to 5 microns	0.529	0.217	0.419	0.729	0.716
>5 to 5.5 microns	0.525	0.223	0.420	0.709	0.710
>5.5 to 5.7 microns	0.203	0.087	0.163	0.272	0.274
>5.7 to 5.9 microns, Phi 7.5	0.200	0.086	0.160	0.267	0.270
>5.9 to 7.8 microns, Phi 7	1.890	0.876	1.540	2.420	2.530
>7.8 to 8 microns	0.190	0.097	0.167	0.237	0.260
>8 to 8.5 microns	0.455	0.233	0.399	0.568	0.623
>8.5 to 8.9 microns	0.349	0.182	0.311	0.434	0.480
>8.9 to 9.1 microns	0.176	0.097	0.165	0.216	0.246
>9.1 to 9.5 microns	0.340	0.188	0.319	0.419	0.475
>9.5 to 9.8 microns	0.246	0.136	0.231	0.303	0.344
>9.8 to 10.1 microns	0.239	0.132	0.224	0.294	0.334
>10.1 to 10.6 microns	0.405	0.242	0.406	0.491	0.578
>10.6 to 11.1 microns	0.387	0.231	0.387	0.468	0.551
>11.1 to 11.3 microns	0.150	0.089	0.150	0.182	0.214
>11.3 to 11.7 microns, Phi 6.5	0.292	0.179	0.302	0.353	0.420
>11.7 to 14 microns	1.510	1.010	1.720	1.830	2.240
>14 to 14.8 microns	0.473	0.333	0.577	0.573	0.719
>14.8 to 15.6 microns	0.450	0.328	0.585	0.552	0.701
>15.6 to 16 microns	0.218	0.163	0.297	0.269	0.345
>16 to 20 microns	1.920	1.500	2.840	2.410	3.130
>20 to 23 microns, Phi 5.5	1.200	1.010	2.120	1.570	2.090
>23 to 27 microns	1.400	1.210	2.860	1.950	2.590
>27 to 31 microns, Phi 5	1.290	1.100	2.910	1.920	2.480
>31 to 32 microns	0.319	0.264	0.753	0.495	0.622
>32 to 35.6 microns	1.150	0.934	2.710	1.800	2.220
>35.6 to 37 microns, Phi 4.75	0.462	0.369	1.100	0.743	0.888
>37 to 39.6 microns	0.846	0.677	1.990	1.360	1.610
>39.6 to 43.6 microns	1.500	1.200	3.360	2.400	2.740
>43.6 to 44 microns, Phi 4.5	0.142	0.114	0.319	0.228	0.260
>44 to 45 microns	0.357	0.289	0.796	0.572	0.650
>45 to 46.4 microns	0.649	0.554	1.320	1.000	1.100
>46.4 to 53 microns, Phi 4.25	3.060	2.690	5.980	4.620	5.010
>53 to 62.5 microns, Phi 4	5.480	5.550	8.970	7.480	7.810
>62.5 to 64 microns	0.954	1.040	1.400	1.220	1.250
>64 to 71.7 microns	5.300	6.270	6.940	6.320	6.330

SOUTH BAY OCEAN OUTFALL MONITORING  
 SEDIMENT SEMI-ANNUAL- Grain Size - Random Stations  
 (all values are in percent distribution)  
 From 01-JAN-2006 to 31-DEC-2006

Analyte	2120	2122	2123	2124	2126
	14-AUG-2006 P352885	14-AUG-2006 P352890	14-AUG-2006 P352895	17-AUG-2006 P353525	17-AUG-2006 P353530
>71.7 to 74 microns	1.650	2.060	1.980	1.870	1.840
>74 to 79.6 microns	4.120	5.350	4.530	4.440	4.290
>79.6 to 87.6 microns	6.030	8.220	5.860	6.050	5.680
>87.6 to 88 microns, Phi 3.5	0.287	0.391	0.279	0.288	0.271
>88 to 90 microns	1.520	2.090	1.280	1.400	1.270
>90 to 105 microns, Phi 3.25	10.700	14.500	8.200	9.340	8.250
>105 to 125 microns, Phi 3	11.700	14.300	7.340	9.000	7.550
>125 to 149 microns, Phi 2.75	9.910	10.200	5.280	6.740	5.470
>149 to 160 microns	3.110	2.720	1.490	1.910	1.530
>160 to 177 microns, Phi 2.5	3.830	3.080	1.750	2.240	1.790
>177 to 197 microns	2.930	2.060	1.260	1.580	1.270
>197 to 210 microns, Phi 2.25	1.280	0.834	0.537	0.658	0.534
>210 to 217 microns	0.579	0.365	0.241	0.292	0.238
>217 to 245 microns	1.680	1.040	0.699	0.833	0.686
>245 to 250 microns, Phi 2	0.217	0.130	0.090	0.105	0.088
>250 to 300 microns, Phi 1.75	1.360	0.826	0.581	0.662	0.559
>300 to 320 microns	0.238	0.157	0.111	0.121	0.106
>320 to 350 microns, Phi 1.5	0.300	0.201	0.143	0.154	0.135
>350 to 360 microns	0.061	0.045	0.032	0.034	0.030
>360 to 400 microns	0.217	0.164	0.115	0.121	0.103
>400 to 420 microns, Phi 1.25	0.069	0.059	0.041	0.042	0.021
>420 to 440 microns	0.065	0.056	0.039	0.040	0.020
>440 to 500 microns, Phi 1	0.141	0.132	0.022	0.022	0.011
>500 to 590 microns, Phi 0.75	0.035	0.033	0.000	0.000	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
Totals:	100.061	99.903	100.021	99.994	99.985

SOUTH BAY OCEAN OUTFALL MONITORING  
 SEDIMENT SEMI-ANNUAL- Grain Size - Random Stations  
 (all values are in percent distribution)  
 From 01-JAN-2006 to 31-DEC-2006

Analyte	2127	2128	2129	2130	2131
	14-AUG-2006 P352900	17-AUG-2006 P353535	17-AUG-2006 P353540	18-AUG-2006 P353593	18-AUG-2006 P353596
<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	0.111	0.219	0.228
>1 to 1.5 microns, Phi 9.5	0.000	0.000	0.500	0.583	0.534
>1.5 to 2 microns, Phi 9	0.000	0.008	0.609	0.786	0.646
>2.0 to 2.4 microns	0.000	0.168	0.548	0.748	0.581
>2.4 to 2.9 microns, Phi 8.5	0.085	0.233	0.715	0.999	0.758
>2.9 to 3.4 microns	0.144	0.256	0.736	1.040	0.780
>3.4 to 3.9 microns, Phi 8	0.157	0.290	0.789	1.140	0.837
>3.9 to 4 microns	0.034	0.062	0.164	0.233	0.173
>4.0 to 4.3 microns	0.099	0.179	0.470	0.668	0.498
>4.3 to 4.5 microns	0.064	0.116	0.302	0.430	0.320
>4.5 to 5 microns	0.176	0.319	0.802	1.140	0.849
>5 to 5.5 microns	0.181	0.321	0.796	1.110	0.841
>5.5 to 5.7 microns	0.070	0.124	0.307	0.428	0.324
>5.7 to 5.9 microns, Phi 7.5	0.070	0.123	0.302	0.420	0.319
>5.9 to 7.8 microns, Phi 7	0.709	1.200	2.850	3.830	2.990
>7.8 to 8 microns	0.076	0.122	0.292	0.375	0.305
>8 to 8.5 microns	0.181	0.293	0.700	0.898	0.730
>8.5 to 8.9 microns	0.140	0.225	0.539	0.686	0.562
>8.9 to 9.1 microns	0.073	0.113	0.276	0.341	0.286
>9.1 to 9.5 microns	0.141	0.220	0.534	0.659	0.554
>9.5 to 9.8 microns	0.102	0.159	0.386	0.476	0.401
>9.8 to 10.1 microns	0.099	0.154	0.375	0.462	0.389
>10.1 to 10.6 microns	0.174	0.263	0.649	0.770	0.670
>10.6 to 11.1 microns	0.166	0.251	0.619	0.734	0.639
>11.1 to 11.3 microns	0.064	0.097	0.240	0.285	0.248
>11.3 to 11.7 microns, Phi 6.5	0.126	0.188	0.471	0.550	0.486
>11.7 to 14 microns	0.666	0.960	2.520	2.800	2.580
>14 to 14.8 microns	0.210	0.297	0.806	0.869	0.824
>14.8 to 15.6 microns	0.197	0.275	0.785	0.826	0.801
>15.6 to 16 microns	0.094	0.130	0.387	0.398	0.394
>16 to 20 microns	0.814	1.110	3.510	3.500	3.570
>20 to 23 microns, Phi 5.5	0.474	0.632	2.340	2.190	2.380
>23 to 27 microns	0.497	0.659	2.910	2.610	2.960
>27 to 31 microns, Phi 5	0.399	0.526	2.800	2.460	2.860
>31 to 32 microns	0.089	0.116	0.709	0.620	0.728
>32 to 35.6 microns	0.303	0.386	2.540	2.230	2.620
>35.6 to 37 microns, Phi 4.75	0.112	0.138	1.030	0.902	1.060
>37 to 39.6 microns	0.202	0.245	1.870	1.640	1.930
>39.6 to 43.6 microns	0.328	0.362	3.180	2.830	3.300
>43.6 to 44 microns, Phi 4.5	0.031	0.034	0.302	0.268	0.314
>44 to 45 microns	0.078	0.085	0.755	0.671	0.783
>45 to 46.4 microns	0.136	0.126	1.270	1.140	1.310
>46.4 to 53 microns, Phi 4.25	0.649	0.564	5.750	5.190	5.940
>53 to 62.5 microns, Phi 4	1.290	0.818	8.650	7.940	8.820
>62.5 to 64 microns	0.244	0.130	1.350	1.250	1.360
>64 to 71.7 microns	1.610	0.691	6.600	6.210	6.600

SOUTH BAY OCEAN OUTFALL MONITORING  
 SEDIMENT SEMI-ANNUAL- Grain Size - Random Stations  
 (all values are in percent distribution)  
 From 01-JAN-2006 to 31-DEC-2006

Analyte	2127	2128	2129	2130	2131
	14-AUG-2006 P352900	17-AUG-2006 P353535	17-AUG-2006 P353540	18-AUG-2006 P353593	18-AUG-2006 P353596
>71.7 to 74 microns	0.555	0.209	1.870	1.780	1.850
>74 to 79.6 microns	1.670	0.533	4.220	4.060	4.160
>79.6 to 87.6 microns	2.970	0.800	5.360	5.220	5.210
>87.6 to 88 microns, Phi 3.5	0.141	0.038	0.255	0.249	0.248
>88 to 90 microns	1.050	0.232	1.140	1.120	1.090
>90 to 105 microns, Phi 3.25	9.160	1.870	7.130	7.070	6.780
>105 to 125 microns, Phi 3	16.000	3.280	6.030	5.950	5.620
>125 to 149 microns, Phi 2.75	19.000	5.370	4.060	3.900	3.730
>149 to 160 microns	6.980	3.250	1.080	0.998	0.980
>160 to 177 microns, Phi 2.5	8.970	5.380	1.240	1.120	1.120
>177 to 197 microns	7.040	7.420	0.852	0.738	0.762
>197 to 210 microns, Phi 2.25	3.030	5.160	0.354	0.298	0.315
>210 to 217 microns	1.370	2.760	0.157	0.130	0.139
>217 to 245 microns	3.940	10.500	0.451	0.369	0.400
>245 to 250 microns, Phi 2	0.504	1.780	0.058	0.046	0.051
>250 to 300 microns, Phi 1.75	3.170	14.700	0.372	0.293	0.328
>300 to 320 microns	0.577	3.880	0.073	0.056	0.064
>320 to 350 microns, Phi 1.5	0.734	5.040	0.094	0.063	0.072
>350 to 360 microns	0.158	1.160	0.022	0.000	0.000
>360 to 400 microns	0.567	4.150	0.070	0.000	0.000
>400 to 420 microns, Phi 1.25	0.192	1.330	0.000	0.000	0.000
>420 to 440 microns	0.183	1.270	0.000	0.000	0.000
>440 to 500 microns, Phi 1	0.406	2.500	0.000	0.000	0.000
>500 to 590 microns, Phi 0.75	0.101	2.080	0.000	0.000	0.000
>590 to 630 microns	0.000	0.481	0.000	0.000	0.000
>630 to 696 microns	0.000	0.625	0.000	0.000	0.000
>696 to 710 microns, Phi 0.5	0.000	0.078	0.000	0.000	0.000
>710 to 773 microns	0.000	0.334	0.000	0.000	0.000
>773 to 840 microns, Phi 0.25	0.000	0.021	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:	100.022	99.999	100.034	100.014	100.001



SOUTH BAY OCEAN OUTFALL MONITORING  
 SEDIMENT SEMI-ANNUAL- Grain Size - Random Stations  
 (all values are in percent distribution)  
 From 01-JAN-2006 to 31-DEC-2006

Analyte	2132	2133	2135	2136	2137
	22-AUG-2006 P354186	22-AUG-2006 P354191	21-AUG-2006 P354111	21-AUG-2006 P354117	21-AUG-2006 P354124
<0.500 microns, Phi 11	0.000	0.000	0.000	0.000	0.000
>0.5 to 1 microns, Phi 10	0.102	0.106	0.234	0.218	0.000
>1 to 1.5 microns, Phi 9.5	0.511	0.507	0.568	0.524	0.279
>1.5 to 2 microns, Phi 9	0.706	0.666	0.711	0.655	0.528
>2.0 to 2.4 microns	0.688	0.629	0.651	0.602	0.526
>2.4 to 2.9 microns, Phi 8.5	0.934	0.843	0.856	0.794	0.735
>2.9 to 3.4 microns	0.987	0.885	0.887	0.824	0.804
>3.4 to 3.9 microns, Phi 8	1.090	0.970	0.958	0.893	0.918
>3.9 to 4 microns	0.226	0.202	0.199	0.184	0.195
>4.0 to 4.3 microns	0.648	0.579	0.571	0.529	0.560
>4.3 to 4.5 microns	0.417	0.373	0.368	0.340	0.363
>4.5 to 5 microns	1.120	0.998	0.978	0.903	0.994
>5 to 5.5 microns	1.090	0.987	0.970	0.889	0.993
>5.5 to 5.7 microns	0.420	0.381	0.374	0.343	0.384
>5.7 to 5.9 microns, Phi 7.5	0.412	0.375	0.368	0.337	0.380
>5.9 to 7.8 microns, Phi 7	3.770	3.500	3.460	3.120	3.610
>7.8 to 8 microns	0.364	0.352	0.353	0.313	0.360
>8 to 8.5 microns	0.872	0.843	0.845	0.748	0.861
>8.5 to 8.9 microns	0.664	0.647	0.650	0.574	0.658
>8.9 to 9.1 microns	0.326	0.326	0.331	0.289	0.327
>9.1 to 9.5 microns	0.630	0.631	0.641	0.560	0.633
>9.5 to 9.8 microns	0.456	0.456	0.463	0.405	0.458
>9.8 to 10.1 microns	0.442	0.442	0.450	0.393	0.444
>10.1 to 10.6 microns	0.727	0.752	0.774	0.667	0.744
>10.6 to 11.1 microns	0.693	0.717	0.739	0.636	0.710
>11.1 to 11.3 microns	0.269	0.278	0.286	0.246	0.275
>11.3 to 11.7 microns, Phi 6.5	0.514	0.541	0.561	0.481	0.528
>11.7 to 14 microns	2.540	2.810	2.970	2.510	2.620
>14 to 14.8 microns	0.772	0.881	0.944	0.793	0.799
>14.8 to 15.6 microns	0.716	0.843	0.915	0.765	0.735
>15.6 to 16 microns	0.338	0.409	0.448	0.373	0.344
>16 to 20 microns	2.880	3.620	4.040	3.340	2.900
>20 to 23 microns, Phi 5.5	1.670	2.300	2.660	2.180	1.620
>23 to 27 microns	1.830	2.730	3.260	2.680	1.690
>27 to 31 microns, Phi 5	1.580	2.530	3.100	2.590	1.360
>31 to 32 microns	0.376	0.623	0.776	0.657	0.304
>32 to 35.6 microns	1.310	2.200	2.760	2.370	1.020
>35.6 to 37 microns, Phi 4.75	0.509	0.865	1.090	0.960	0.373
>37 to 39.6 microns	0.923	1.560	1.980	1.750	0.664
>39.6 to 43.6 microns	1.540	2.560	3.270	3.000	1.010
>43.6 to 44 microns, Phi 4.5	0.146	0.243	0.310	0.285	0.096
>44 to 45 microns	0.365	0.605	0.772	0.712	0.238
>45 to 46.4 microns	0.621	0.971	1.240	1.200	0.365
>46.4 to 53 microns, Phi 4.25	2.870	4.370	5.560	5.470	1.640
>53 to 62.5 microns, Phi 4	4.770	6.370	7.940	8.320	2.480
>62.5 to 64 microns	0.801	0.987	1.210	1.310	0.401
>64 to 71.7 microns	4.340	4.900	5.810	6.460	2.140

SOUTH BAY OCEAN OUTFALL MONITORING  
 SEDIMENT SEMI-ANNUAL- Grain Size - Random Stations  
 (all values are in percent distribution)  
 From 01-JAN-2006 to 31-DEC-2006

Analyte	2132	2133	2135	2136	2137
	22-AUG-2006 P354186	22-AUG-2006 P354191	21-AUG-2006 P354111	21-AUG-2006 P354117	21-AUG-2006 P354124
>71.7 to 74 microns	1.330	1.400	1.620	1.850	0.652
>74 to 79.6 microns	3.290	3.260	3.660	4.220	1.640
>79.6 to 87.6 microns	4.750	4.310	4.610	5.430	2.420
>87.6 to 88 microns, Phi 3.5	0.226	0.205	0.219	0.258	0.116
>88 to 90 microns	1.190	0.986	0.983	1.170	0.658
>90 to 105 microns, Phi 3.25	8.410	6.580	6.190	7.410	4.990
>105 to 125 microns, Phi 3	9.310	6.690	5.350	6.370	7.010
>125 to 149 microns, Phi 2.75	8.060	5.630	3.690	4.300	8.430
>149 to 160 microns	2.570	1.830	0.999	1.130	3.750
>160 to 177 microns, Phi 2.5	3.190	2.300	1.150	1.290	5.430
>177 to 197 microns	2.460	1.870	0.801	0.869	5.740
>197 to 210 microns, Phi 2.25	1.080	0.854	0.333	0.355	3.160
>210 to 217 microns	0.489	0.397	0.148	0.156	1.580
>217 to 245 microns	1.420	1.190	0.426	0.443	5.120
>245 to 250 microns, Phi 2	0.183	0.160	0.055	0.056	0.755
>250 to 300 microns, Phi 1.75	1.140	1.040	0.351	0.354	5.080
>300 to 320 microns	0.198	0.196	0.069	0.068	0.884
>320 to 350 microns, Phi 1.5	0.249	0.249	0.076	0.075	1.090
>350 to 360 microns	0.050	0.052	0.000	0.000	0.186
>360 to 400 microns	0.179	0.186	0.000	0.000	0.645
>400 to 420 microns, Phi 1.25	0.057	0.060	0.000	0.000	0.157
>420 to 440 microns	0.054	0.057	0.000	0.000	0.150
>440 to 500 microns, Phi 1	0.117	0.125	0.000	0.000	0.264
>500 to 590 microns, Phi 0.75	0.029	0.031	0.000	0.000	0.060
>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:	100.006	100.021	100.031	99.996	100.033

SOUTH BAY OCEAN OUTFALL MONITORING  
 SEDIMENT SEMI-ANNUAL- Grain Size - Random Stations  
 (all values are in percent distribution)  
 From 01-JAN-2006 to 31-DEC-2006

Analyte	2138	2139
	21-AUG-2006 P354126	21-AUG-2006 P354134
<0.500 microns, Phi 11	0.000	0.000
>0.5 to 1 microns, Phi 10	0.232	0.103
>1 to 1.5 microns, Phi 9.5	0.615	0.495
>1.5 to 2 microns, Phi 9	0.827	0.647
>2.0 to 2.4 microns	0.786	0.608
>2.4 to 2.9 microns, Phi 8.5	1.050	0.810
>2.9 to 3.4 microns	1.100	0.845
>3.4 to 3.9 microns, Phi 8	1.210	0.924
>3.9 to 4 microns	0.250	0.191
>4.0 to 4.3 microns	0.718	0.548
>4.3 to 4.5 microns	0.462	0.353
>4.5 to 5 microns	1.230	0.939
>5 to 5.5 microns	1.220	0.924
>5.5 to 5.7 microns	0.468	0.356
>5.7 to 5.9 microns, Phi 7.5	0.460	0.350
>5.9 to 7.8 microns, Phi 7	4.260	3.240
>7.8 to 8 microns	0.423	0.322
>8 to 8.5 microns	1.010	0.771
>8.5 to 8.9 microns	0.776	0.590
>8.9 to 9.1 microns	0.388	0.295
>9.1 to 9.5 microns	0.751	0.572
>9.5 to 9.8 microns	0.543	0.413
>9.8 to 10.1 microns	0.527	0.401
>10.1 to 10.6 microns	0.886	0.676
>10.6 to 11.1 microns	0.845	0.645
>11.1 to 11.3 microns	0.328	0.250
>11.3 to 11.7 microns, Phi 6.5	0.635	0.484
>11.7 to 14 microns	3.250	2.480
>14 to 14.8 microns	1.010	0.773
>14.8 to 15.6 microns	0.962	0.734
>15.6 to 16 microns	0.464	0.353
>16 to 20 microns	4.080	3.100
>20 to 23 microns, Phi 5.5	2.550	1.920
>23 to 27 microns	3.000	2.230
>27 to 31 microns, Phi 5	2.770	2.020
>31 to 32 microns	0.687	0.491
>32 to 35.6 microns	2.440	1.720
>35.6 to 37 microns, Phi 4.75	0.970	0.671
>37 to 39.6 microns	1.760	1.210
>39.6 to 43.6 microns	2.950	2.000
>43.6 to 44 microns, Phi 4.5	0.280	0.189
>44 to 45 microns	0.699	0.472
>45 to 46.4 microns	1.150	0.775
>46.4 to 53 microns, Phi 4.25	5.220	3.530
>53 to 62.5 microns, Phi 4	7.720	5.470
>62.5 to 64 microns	1.190	0.882
>64 to 71.7 microns	5.810	4.580

SOUTH BAY OCEAN OUTFALL MONITORING  
 SEDIMENT SEMI-ANNUAL- Grain Size - Random Stations  
 (all values are in percent distribution)  
 From 01-JAN-2006 to 31-DEC-2006

Analyte	2138	2139
	21-AUG-2006 P354126	21-AUG-2006 P354134
>71.7 to 74 microns	1.640	1.360
>74 to 79.6 microns	3.690	3.280
>79.6 to 87.6 microns	4.660	4.590
>87.6 to 88 microns, Phi 3.5	0.222	0.218
>88 to 90 microns	0.980	1.120
>90 to 105 microns, Phi 3.25	6.100	7.760
>105 to 125 microns, Phi 3	5.010	8.460
>125 to 149 microns, Phi 2.75	3.240	7.370
>149 to 160 microns	0.830	2.410
>160 to 177 microns, Phi 2.5	0.933	3.030
>177 to 197 microns	0.624	2.420
>197 to 210 microns, Phi 2.25	0.255	1.090
>210 to 217 microns	0.112	0.503
>217 to 245 microns	0.322	1.490
>245 to 250 microns, Phi 2	0.041	0.198
>250 to 300 microns, Phi 1.75	0.265	1.270
>300 to 320 microns	0.053	0.229
>320 to 350 microns, Phi 1.5	0.059	0.289
>350 to 360 microns	0.000	0.059
>360 to 400 microns	0.000	0.209
>400 to 420 microns, Phi 1.25	0.000	0.065
>420 to 440 microns	0.000	0.062
>440 to 500 microns, Phi 1	0.000	0.133
>500 to 590 microns, Phi 0.75	0.000	0.033
>590 to 630 microns	0.000	0.000
>630 to 696 microns	0.000	0.000
>696 to 710 microns, Phi 0.5	0.000	0.000
>710 to 773 microns	0.000	0.000
>773 to 840 microns, Phi 0.25	0.000	0.000
>840 to 850 microns	0.000	0.000
>850 to 930 microns	0.000	0.000
>930 to 1000 microns, Phi 0	0.000	0.000
1000 to 1100 microns	0.000	0.000
>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
Totals:	99.998	100.000

SOUTH BAY OCEAN OUTFALL MONITORING  
 SEDIMENT SEMI-ANNUAL- Grain Size / sieve - Random Stations  
 (all values are in percent distribution)  
 From 01-JAN-2006 to 31-DEC-2006

Analyte	2121	2125
	P353521	P353587
	17-AUG-2006	18-AUG-2006
===== <63 microns, Phi<4	40.7	5.5
>63 to 125 microns, Phi>4	23.5	9.7
>125 to 250 microns, Phi>3	12.0	32.8
>250 to 500 microns, Phi>2	8.4	29.8
>500 to 1000 microns, Phi>1	7.3	9.9
>1000 to 2000 microns, Phi>0	4.2	1.0
>2000 microns, Phi>-1	3.9	12.0
===== Totals:	100.0	100.7

SOUTH BAY WATER RECLAMATION PLANT  
 SEDIMENT ANNUAL Total Organic Carbon/Total Nitrogen - Standard Stations by Quarter

From 01-JAN-2006 To 31-DEC-2006

Analyte	MDL	Units	I-1	I-2	I-3	I-4	I-6	I-7
			Avg 2006	Avg 2006	Avg 2006	Avg 2006	Avg 2006	Avg 2006
Total Nitrogen	.005	WT%	0.022	0.006	0.006	0.019	0.013	0.011
Total Organic Carbon	.01	WT%	0.250	0.063	0.052	0.282	0.152	0.099

Analyte	MDL	Units	I-8	I-9	I-10	I-12	I-13	I-14
			Avg 2006	Avg 2006	Avg 2006	Avg 2006	Avg 2006	Avg 2006
Total Nitrogen	.005	WT%	0.008	0.028	0.017	0.009	0.008	0.023
Total Organic Carbon	.01	WT%	0.080	0.280	0.143	0.105	0.148	0.225

Analyte	MDL	Units	I-15	I-16	I-18	I-20	I-21	I-22
			Avg 2006	Avg 2006	Avg 2006	Avg 2006	Avg 2006	Avg 2006
Total Nitrogen	.005	WT%	0.012	0.017	0.014	0.013	0.005	0.019
Total Organic Carbon	.01	WT%	0.084	0.138	0.123	0.122	0.068	0.162

Analyte	MDL	Units	I-23	I-27	I-28	I-29	I-30	I-31
			Avg 2006	Avg 2006	Avg 2006	Avg 2006	Avg 2006	Avg 2006
Total Nitrogen	.005	WT%	0.026	0.019	0.041	0.036	0.020	0.021
Total Organic Carbon	.01	WT%	3.490	0.174	0.788	0.500	0.190	0.210

Analyte	MDL	Units	I-33	I-34	I-35
			Avg 2006	Avg 2006	Avg 2006
Total Nitrogen	.005	WT%	0.023	ND	0.037
Total Organic Carbon	.01	WT%	0.544	0.800	0.415

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

SOUTH BAY WATER RECLAMATION PLANT  
 SEDIMENT ANNUAL Total Organic Carbon/Total Nitrogen - Random Stations

From 01-JAN-2006 To 31-DEC-2006

			2014	2021	2023	2028	2031	2038
			2006	2006	2006	2006	2006	2006
			Avg	Avg	Avg	Avg	Avg	Avg
Analyte	MDL	Units						
=====	====	=====	=====	=====	=====	=====	=====	=====
Total Nitrogen	.005	WT%	0.047	0.068	0.068	0.125	0.082	0.055
Total Organic Carbon	.01	WT%	0.460	0.838	1.600	1.720	0.909	0.630
			2046	2110	2111	2112	2113	2114
			2006	2006	2006	2006	2006	2006
			Avg	Avg	Avg	Avg	Avg	Avg
Analyte	MDL	Units						
=====	====	=====	=====	=====	=====	=====	=====	=====
Total Nitrogen	.005	WT%	0.018	ND	0.027	0.022	0.033	0.048
Total Organic Carbon	.01	WT%	0.152	0.054	0.273	0.200	0.361	0.636
			2115	2118	2119	2120	2121	2122
			2006	2006	2006	2006	2006	2006
			Avg	Avg	Avg	Avg	Avg	Avg
Analyte	MDL	Units						
=====	====	=====	=====	=====	=====	=====	=====	=====
Total Nitrogen	.005	WT%	0.014	0.071	0.072	0.045	0.070	0.023
Total Organic Carbon	.01	WT%	0.120	0.967	4.840	0.715	0.973	0.196
			2123	2124	2125	2126	2127	2128
			2006	2006	2006	2006	2006	2006
			Avg	Avg	Avg	Avg	Avg	Avg
Analyte	MDL	Units						
=====	====	=====	=====	=====	=====	=====	=====	=====
Total Nitrogen	.005	WT%	0.041	0.052	0.053	0.073	0.023	0.026
Total Organic Carbon	.01	WT%	0.395	1.060	4.320	0.853	0.266	0.580
			2129	2130	2131	2132	2133	2135
			2006	2006	2006	2006	2006	2006
			Avg	Avg	Avg	Avg	Avg	Avg
Analyte	MDL	Units						
=====	====	=====	=====	=====	=====	=====	=====	=====
Total Nitrogen	.005	WT%	0.070	0.088	0.075	0.086	0.074	0.087
Total Organic Carbon	.01	WT%	0.755	1.080	0.838	2.230	1.690	1.040
			2136	2137	2138	2139		
			2006	2006	2006	2006		
			Avg	Avg	Avg	Avg		
Analyte	MDL	Units						
=====	====	=====	=====	=====	=====	=====	=====	=====
Total Nitrogen	.005	WT%	0.074	0.057	0.090	0.044		
Total Organic Carbon	.01	WT%	0.855	3.150	1.180	0.531		

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

SOUTH BAY WASTEWATER RECLAMATION PLANT  
ANNUAL OCEAN SEDIMENT - STANDARD  
Trace Metals

From: 01-JAN-2006 To: 31-DEC-2006

Source:		I-1	I-2	I-3	I-4	I-6
Date:		2006	2006	2006	2006	2006
Analyte:	MDL Units	Average	Average	Average	Average	Average
=====	=====	=====	=====	=====	=====	=====
Aluminum	1.2 MG/KG	3080	1230	589	3740	1050
Antimony	.13 MG/KG	0.195	ND	ND	0.165	0.165
Arsenic	.33 MG/KG	0.94	0.46	0.69	1.04	3.70
Beryllium	.0012 MG/KG	0.027	0.012	0.010	0.023	0.012
Cadmium	.0104 MG/KG	0.059	0.015	0.020	0.026	0.042
Chromium	.016 MG/KG	7.4	6.0	3.7	7.7	8.2
Copper	.028 MG/KG	3.70	1.74	0.66	3.00	1.14
Iron	.76 MG/KG	3990	1270	880	4050	3740
Lead	.142 MG/KG	2.31	1.05	0.56	2.22	1.45
Manganese	.0037 MG/KG	35.9	10.5	5.6	41.8	11.8
Mercury	.003 MG/KG	0.007	ND	ND	ND	ND
Nickel	.0364 MG/KG	2.22	0.87	0.52	2.60	0.83
Selenium	.24 MG/KG	ND	ND	ND	ND	ND
Silver	.013 MG/KG	ND	0.06	0.05	0.03	ND
Thallium	.221 MG/KG	ND	ND	ND	ND	ND
Tin	.059 MG/KG	0.7	0.8	0.9	0.6	0.7
Zinc	.0521 MG/KG	7.6	2.1	1.5	8.8	3.7

Source:		I-7	I-8	I-9	I-10	I-12
Date:		2006	2006	2006	2006	2006
Analyte:	MDL Units	Average	Average	Average	Average	Average
=====	=====	=====	=====	=====	=====	=====
Aluminum	1.2 MG/KG	1050	1400	7490	6140	2980
Antimony	.13 MG/KG	0.175	ND	0.160	0.185	<0.130
Arsenic	.33 MG/KG	6.44	2.61	1.08	1.36	1.56
Beryllium	.0012 MG/KG	0.014	0.020	0.043	0.034	0.018
Cadmium	.0104 MG/KG	0.064	0.039	0.035	0.023	0.046
Chromium	.016 MG/KG	9.3	8.2	12.1	8.9	7.0
Copper	.028 MG/KG	1.69	1.40	5.93	51.70	3.27
Iron	.76 MG/KG	6690	3790	7900	6720	4150
Lead	.142 MG/KG	2.16	1.25	3.10	1.93	2.09
Manganese	.0037 MG/KG	14.7	15.5	78.6	76.6	36.6
Mercury	.003 MG/KG	ND	ND	<0.003	ND	ND
Nickel	.0364 MG/KG	0.79	1.05	4.84	2.75	1.73
Selenium	.24 MG/KG	ND	ND	ND	ND	ND
Silver	.013 MG/KG	ND	0.02	0.09	0.03	0.07
Thallium	.221 MG/KG	ND	ND	0.27	ND	<0.22
Tin	.059 MG/KG	0.7	0.6	0.7	0.7	0.6
Zinc	.0521 MG/KG	5.2	6.0	19.3	73.8	9.2

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



SOUTH BAY WASTEWATER RECLAMATION PLANT  
ANNUAL OCEAN SEDIMENT - STANDARD  
Trace Metals

From: 01-JAN-2006 To: 31-DEC-2006

Source:		I-13	I-14	I-15	I-16	I-18
Date:		2006	2006	2006	2006	2006
Analyte:	MDL Units	Average	Average	Average	Average	Average
Aluminum	1.2 MG/KG	1080	6160	2310	3310	4760
Antimony	.13 MG/KG	0.180	0.195	<0.130	<0.130	<0.130
Arsenic	.33 MG/KG	5.24	1.48	2.13	1.38	1.56
Beryllium	.0012 MG/KG	0.014	0.038	0.029	0.030	0.028
Cadmium	.0104 MG/KG	0.050	0.045	0.032	0.055	0.022
Chromium	.016 MG/KG	10.2	9.8	8.1	7.1	9.3
Copper	.028 MG/KG	2.50	5.17	1.67	3.08	3.71
Iron	.76 MG/KG	5630	6580	4220	4470	5700
Lead	.142 MG/KG	2.27	2.95	1.79	1.91	2.04
Manganese	.0037 MG/KG	15.7	67.4	28.5	45.2	55.7
Mercury	.003 MG/KG	ND	<0.003	<0.003	0.004	ND
Nickel	.0364 MG/KG	1.19	3.34	1.61	2.07	2.26
Selenium	.24 MG/KG	ND	ND	ND	ND	ND
Silver	.013 MG/KG	ND	0.09	ND	0.02	ND
Thallium	.221 MG/KG	ND	<0.22	ND	ND	<0.22
Tin	.059 MG/KG	0.6	0.6	0.6	0.9	0.6
Zinc	.0521 MG/KG	5.2	16.3	8.4	10.1	10.6

Source:		I-20	I-21	I-22	I-23	I-27
Date:		2006	2006	2006	2006	2006
Analyte:	MDL Units	Average	Average	Average	Average	Average
Aluminum	1.2 MG/KG	1610	1030	4190	3340	5690
Antimony	.13 MG/KG	<0.13	0.135	<0.13	<0.13	<0.13
Arsenic	.33 MG/KG	2.40	10.80	1.53	1.48	1.28
Beryllium	.0012 MG/KG	0.025	0.018	0.028	0.034	0.035
Cadmium	.0104 MG/KG	0.025	0.086	0.046	0.061	0.029
Chromium	.016 MG/KG	5.8	10.7	8.3	6.4	9.4
Copper	.028 MG/KG	1.50	2.53	2.51	3.20	3.47
Iron	.76 MG/KG	4410	8150	4770	4120	5750
Lead	.142 MG/KG	1.75	2.77	2.62	2.02	2.54
Manganese	.0037 MG/KG	16.9	14.1	43.8	40.8	56.5
Mercury	.003 MG/KG	<0.003	ND	<0.003	ND	ND
Nickel	.0364 MG/KG	1.36	0.82	2.47	1.72	2.86
Selenium	.24 MG/KG	ND	ND	ND	ND	ND
Silver	.013 MG/KG	ND	ND	0.03	0.02	0.06
Thallium	.221 MG/KG	ND	ND	ND	ND	<0.22
Tin	.059 MG/KG	0.7	0.9	0.8	0.7	0.7
Zinc	.0521 MG/KG	6.6	5.8	10.3	7.0	13.0

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

SOUTH BAY WASTEWATER RECLAMATION PLANT  
ANNUAL OCEAN SEDIMENT - STANDARD  
Trace Metals

From: 01-JAN-2006 To: 31-DEC-2006

Source:		I-28	I-29	I-30	I-31	I-33
Date:		2006	2006	2006	2006	2006
Analyte:	MDL Units	Average	Average	Average	Average	Average
Aluminum	1.2 MG/KG	5320	8680	6560	3300	4800
Antimony	.13 MG/KG	0.230	0.283	0.230	0.175	<0.130
Arsenic	.33 MG/KG	2.88	2.71	1.85	0.80	1.89
Beryllium	.0012 MG/KG	0.063	0.066	0.042	0.023	0.034
Cadmium	.0104 MG/KG	0.057	0.052	0.062	0.027	0.037
Chromium	.016 MG/KG	10.4	13.7	11.0	6.6	8.4
Copper	.028 MG/KG	6.53	7.28	4.16	2.11	4.11
Iron	.76 MG/KG	7540	9860	6780	3140	6140
Lead	.142 MG/KG	4.15	4.40	2.76	1.64	3.94
Manganese	.0037 MG/KG	56.6	90.0	65.3	35.5	65.1
Mercury	.003 MG/KG	0.022	0.008	0.010	ND	0.014
Nickel	.0364 MG/KG	5.43	5.75	3.52	1.48	2.75
Selenium	.24 MG/KG	ND	ND	ND	ND	ND
Silver	.013 MG/KG	0.05	0.06	0.05	0.02	0.02
Thallium	.221 MG/KG	ND	<0.22	ND	<0.22	ND
Tin	.059 MG/KG	1.1	1.0	0.7	0.6	0.9
Zinc	.0521 MG/KG	17.1	22.7	16.2	6.1	14.2

Source:		I-34	I-35
Date:		2006	2006
Analyte:	MDL Units	Average	Average
Aluminum	1.2 MG/KG	1410	9370
Antimony	.13 MG/KG	<0.130	0.295
Arsenic	.33 MG/KG	1.58	2.23
Beryllium	.0012 MG/KG	0.010	0.068
Cadmium	.0104 MG/KG	0.015	0.081
Chromium	.016 MG/KG	4.1	14.5
Copper	.028 MG/KG	2.94	8.21
Iron	.76 MG/KG	3250	10600
Lead	.142 MG/KG	2.35	5.31
Manganese	.0037 MG/KG	23.1	101.0
Mercury	.003 MG/KG	ND	0.019
Nickel	.0364 MG/KG	0.73	5.71
Selenium	.24 MG/KG	ND	ND
Silver	.013 MG/KG	ND	0.12
Thallium	.221 MG/KG	<0.22	<0.22
Tin	.059 MG/KG	1.1	1.0
Zinc	.0521 MG/KG	4.7	26.2

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

SOUTH BAY WASTEWATER RECLAMATION PLANT  
ANNUAL OCEAN SEDIMENT - RANDOM  
Trace Metals

From: 01-JAN-2006 To: 31-DEC-2006

Source:		2014	2021	2023	2028	2031
Date:		2006	2006	2006	2006	2006
Analyte:	MDL Units	Average	Average	Average	Average	Average
=====	=====	=====	=====	=====	=====	=====
Aluminum	1.2 MG/KG	11500	11000	11300	17000	1500
Antimony	.13 MG/KG	ND	ND	0.27	0.47	0.35
Arsenic	.33 MG/KG	3.81	3.62	4.61	3.32	3.81
Beryllium	.0012 MG/KG	ND	ND	ND	ND	ND
Cadmium	.0104 MG/KG	0.10	0.11	0.09	0.25	0.19
Chromium	.016 MG/KG	18.4	19.0	26.5	28.6	23.5
Copper	.028 MG/KG	6.10	7.06	6.28	13.70	10.80
Iron	.76 MG/KG	14600	11700	22200	18600	17200
Lead	.142 MG/KG	9.02	10.70	11.10	15.30	12.70
Manganese	.0037 MG/KG	144.0	114.0	135.0	150.0	151.0
Mercury	.003 MG/KG	ND	0.024	0.018	0.047	0.050
Nickel	.036 MG/KG	6.72	7.85	9.00	16.00	10.80
Selenium	.24 MG/KG	ND	ND	ND	0.362	ND
Silver	.013 MG/KG	ND	ND	ND	ND	ND
Thallium	.22 MG/KG	0.3	ND	ND	ND	ND
Tin	.059 MG/KG	0.5	1.0	0.7	0.5	1.7
Zinc	.052 MG/KG	22.9	18.6	24.0	29.5	33.1

Source:		2038	2046	2110	2111	2112
Date:		2006	2006	2006	2006	2006
Analyte:	MDL Units	Average	Average	Average	Average	Average
=====	=====	=====	=====	=====	=====	=====
Aluminum	1.2 MG/KG	9950	5380	1400	11100	5870
Antimony	.13 MG/KG	0.23	0.15	<0.13	0.35	ND
Arsenic	.33 MG/KG	2.74	0.86	7.10	2.29	1.27
Beryllium	.0012 MG/KG	ND	ND	ND	ND	ND
Cadmium	.0104 MG/KG	0.15	0.06	0.06	0.09	0.04
Chromium	.016 MG/KG	15.6	9.0	10.7	17.8	9.8
Copper	.028 MG/KG	6.13	0.76	ND	5.33	0.03
Iron	.76 MG/KG	11100	5750	7020	14300	6140
Lead	.142 MG/KG	9.20	4.13	2.60	24.40	3.85
Manganese	.0037 MG/KG	93.5	73.0	20.2	129.0	56.6
Mercury	.003 MG/KG	0.020	ND	ND	ND	ND
Nickel	.036 MG/KG	6.98	2.18	0.86	6.75	3.28
Selenium	.24 MG/KG	ND	ND	ND	ND	ND
Silver	.013 MG/KG	ND	ND	ND	ND	ND
Thallium	.22 MG/KG	ND	<0.2	ND	ND	ND
Tin	.059 MG/KG	1.4	0.5	0.7	1.1	0.8
Zinc	.052 MG/KG	20.6	5.7	5.7	25.0	11.4

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

SOUTH BAY WASTEWATER RECLAMATION PLANT  
ANNUAL OCEAN SEDIMENT - RANDOM  
Trace Metals

From: 01-JAN-2006 To: 31-DEC-2006

Source:		2113	2114	2115	2118	2119
Date:		2006	2006	2006	2006	2006
Analyte:	MDL Units	Average	Average	Average	Average	Average
=====	=====	=====	=====	=====	=====	=====
Aluminum	1.2 MG/KG	4490	6160	1990	12100	6130
Antimony	.13 MG/KG	ND	0.13	ND	0.33	0.20
Arsenic	.33 MG/KG	1.42	2.02	2.53	3.84	4.31
Beryllium	.0012 MG/KG	ND	ND	ND	ND	ND
Cadmium	.0104 MG/KG	0.05	0.10	0.05	0.12	0.16
Chromium	.016 MG/KG	8.3	10.6	7.1	20.1	24.5
Copper	.028 MG/KG	1.82	3.52	ND	14.30	4.48
Iron	.76 MG/KG	5280	7250	4600	14400	14600
Lead	.142 MG/KG	4.28	5.60	2.53	13.30	6.21
Manganese	.0037 MG/KG	48.0	60.0	18.5	111.0	42.1
Mercury	.003 MG/KG	ND	0.008	ND	0.074	0.007
Nickel	.036 MG/KG	3.50	5.19	1.51	9.82	7.25
Selenium	.24 MG/KG	ND	ND	ND	0.317	0.285
Silver	.013 MG/KG	0.02	ND	ND	ND	ND
Thallium	.22 MG/KG	<0.2	ND	ND	ND	ND
Tin	.059 MG/KG	1.1	1.2	1.2	1.2	0.3
Zinc	.052 MG/KG	9.0	12.8	5.8	25.9	14.3

Source:		2120	2121	2122	2123	2124
Date:		2006	2006	2006	2006	2006
Analyte:	MDL Units	Average	Average	Average	Average	Average
=====	=====	=====	=====	=====	=====	=====
Aluminum	1.2 MG/KG	7700	12500	6430	11200	10400
Antimony	.13 MG/KG	ND	0.66	0.16	ND	0.24
Arsenic	.33 MG/KG	2.74	3.42	1.63	2.20	2.50
Beryllium	.0012 MG/KG	ND	ND	ND	ND	ND
Cadmium	.0104 MG/KG	0.10	0.20	0.09	0.13	0.12
Chromium	.016 MG/KG	13.5	20.2	10.5	16.0	17.6
Copper	.028 MG/KG	4.17	12.40	2.19	5.62	6.90
Iron	.76 MG/KG	9880	14800	6330	11600	12800
Lead	.142 MG/KG	7.62	331.00	4.48	8.38	10.70
Manganese	.0037 MG/KG	85.1	116.0	70.2	112.0	95.0
Mercury	.003 MG/KG	0.013	0.050	ND	0.014	0.022
Nickel	.036 MG/KG	4.79	9.04	3.35	6.33	7.47
Selenium	.24 MG/KG	ND	ND	ND	ND	ND
Silver	.013 MG/KG	ND	ND	ND	ND	ND
Thallium	.22 MG/KG	ND	ND	ND	ND	ND
Tin	.059 MG/KG	1.2	9.0	0.8	1.2	0.8
Zinc	.052 MG/KG	17.9	40.6	12.5	23.8	20.2

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

SOUTH BAY WASTEWATER RECLAMATION PLANT  
ANNUAL OCEAN SEDIMENT - RANDOM  
Trace Metals

From: 01-JAN-2006 To: 31-DEC-2006

Source:		2125	2126	2127	2128	2129
Date:		2006	2006	2006	2006	2006
Analyte:	MDL Units	Average	Average	Average	Average	Average
Aluminum	1.2 MG/KG	5900	13300	5050	3190	15000
Antimony	.13 MG/KG	0.37	0.40	ND	0.14	0.22
Arsenic	.33 MG/KG	5.12	3.30	2.23	1.42	4.48
Beryllium	.0012 MG/KG	ND	ND	ND	ND	ND
Cadmium	.0104 MG/KG	0.15	0.21	0.05	0.05	0.20
Chromium	.016 MG/KG	29.0	20.8	7.8	12.7	23.5
Copper	.028 MG/KG	3.34	9.10	1.44	0.58	10.70
Iron	.76 MG/KG	15600	15200	5640	9940	16900
Lead	.142 MG/KG	5.27	12.90	4.48	4.17	14.40
Manganese	.0037 MG/KG	33.4	147.0	60.2	68.5	149.0
Mercury	.003 MG/KG	0.004	0.031	ND	ND	0.048
Nickel	.036 MG/KG	6.25	9.58	2.28	2.15	10.80
Selenium	.24 MG/KG	ND	0.663	ND	0.358	ND
Silver	.013 MG/KG	ND	ND	ND	ND	ND
Thallium	.22 MG/KG	ND	ND	ND	ND	ND
Tin	.059 MG/KG	0.2	1.2	NA	0.5	1.4
Zinc	.052 MG/KG	14.7	26.2	11.1	7.5	28.9

Source:		2130	2131	2132	2133	2135
Date:		2006	2006	2006	2006	2006
Analyte:	MDL Units	Average	Average	Average	Average	Average
Aluminum	1.2 MG/KG	12200	13900	10700	12400	16000
Antimony	.13 MG/KG	0.22	0.37	0.39	0.27	0.38
Arsenic	.33 MG/KG	3.61	3.82	3.52	3.77	3.22
Beryllium	.0012 MG/KG	ND	ND	ND	ND	ND
Cadmium	.0104 MG/KG	0.19	0.18	0.45	0.12	0.16
Chromium	.016 MG/KG	22.2	22.6	29.9	23.8	25.6
Copper	.028 MG/KG	9.43	9.49	7.58	7.95	9.82
Iron	.76 MG/KG	15300	16300	20300	18800	19000
Lead	.142 MG/KG	11.60	13.60	9.66	11.70	14.60
Manganese	.0037 MG/KG	115.0	142.0	92.1	126.0	164.0
Mercury	.003 MG/KG	0.035	0.050	0.021	0.022	0.038
Nickel	.036 MG/KG	11.30	9.99	10.00	9.86	10.50
Selenium	.24 MG/KG	ND	ND	0.288	ND	ND
Silver	.013 MG/KG	ND	ND	ND	ND	ND
Thallium	.22 MG/KG	ND	<0.2	ND	ND	ND
Tin	.059 MG/KG	0.8	1.1	0.8	1.0	1.1
Zinc	.052 MG/KG	21.9	25.2	22.8	21.5	26.5

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

SOUTH BAY WASTEWATER RECLAMATION PLANT  
 ANNUAL OCEAN SEDIMENT - RANDOM  
 Trace Metals

From: 01-JAN-2006 To: 31-DEC-2006

Source:		2136	2137	2138	2139
Date:		2006	2006	2006	2006
Analyte:	MDL Units	Average	Average	Average	Average
=====	=====	=====	=====	=====	=====
Aluminum	1.2 MG/KG	13200	7110	15800	10700
Antimony	.13 MG/KG	0.20	ND	0.32	0.24
Arsenic	.33 MG/KG	3.01	3.41	3.45	3.23
Beryllium	.0012 MG/KG	ND	ND	ND	ND
Cadmium	.0104 MG/KG	0.13	0.12	0.50	0.07
Chromium	.016 MG/KG	22.9	17.6	26.7	19.4
Copper	.028 MG/KG	7.74	3.50	10.30	5.04
Iron	.76 MG/KG	17100	15900	18300	16500
Lead	.142 MG/KG	12.40	8.30	13.90	9.14
Manganese	.0037 MG/KG	139.0	90.2	145.0	119.0
Mercury	.003 MG/KG	0.020	0.003	0.031	0.008
Nickel	.036 MG/KG	8.89	5.23	12.00	6.74
Selenium	.24 MG/KG	ND	ND	0.323	ND
Silver	.013 MG/KG	ND	ND	ND	ND
Thallium	.22 MG/KG	ND	ND	ND	ND
Tin	.059 MG/KG	1.0	0.8	0.9	0.1
Zinc	.052 MG/KG	21.5	16.9	24.2	21.0

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

SOUTH BAY OCEAN OUTFALL MONITORING  
 SEDIMENT ANNUAL Chlorinated Pesticide Analysis - International Stations

From 01-JAN-2006 To 31-DEC-2006

		I-1	I-2	I-3	I-4	I-6	I-7	I-8	I-9
		2006	2006	2006	2006	2006	2006	2006	2006
	MDL Units	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg
=====	====	=====	=====	=====	=====	=====	=====	=====	=====
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-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

SOUTH BAY OCEAN OUTFALL MONITORING  
 SEDIMENT ANNUAL Chlorinated Pesticide Analysis - International Stations

From 01-JAN-2006 To 31-DEC-2006

		I-10	I-12	I-13	I-14	I-15	I-16	I-18	I-20
		2006	2006	2006	2006	2006	2006	2006	2006
	MDL Units	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg
=====	====	=====	=====	=====	=====	=====	=====	=====	=====
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-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



SOUTH BAY OCEAN OUTFALL MONITORING  
 SEDIMENT ANNUAL Chlorinated Pesticide Analysis - International Stations

From 01-JAN-2006 To 31-DEC-2006

		I-21	I-22	I-23	I-27	I-28	I-29	I-30	I-31
		2006	2006	2006	2006	2006	2006	2006	2006
	MDL Units	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg
=====	====	=====	=====	=====	=====	=====	=====	=====	=====
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	845	920	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	845	920	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	845	920	0	0

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

SOUTH BAY OCEAN OUTFALL MONITORING  
 SEDIMENT ANNUAL Chlorinated Pesticide Analysis - International Stations

From 01-JAN-2006 To 31-DEC-2006

		I-33 2006 Avg	I-34 2006 Avg	I-35 2006 Avg
=====	MDL Units	=====	=====	=====
Aldrin	700 NG/KG	ND	ND	ND
Dieldrin	700 NG/KG	ND	ND	ND
BHC, Alpha isomer	400 NG/KG	ND	ND	ND
BHC, Beta isomer	400 NG/KG	ND	ND	ND
BHC, Gamma isomer	400 NG/KG	ND	ND	ND
BHC, Delta isomer	400 NG/KG	ND	ND	ND
p,p-DDD	700 NG/KG	ND	ND	ND
p,p-DDE	400 NG/KG	ND	ND	ND
p,p-DDT	700 NG/KG	ND	ND	ND
o,p-DDD	400 NG/KG	ND	ND	ND
o,p-DDE	700 NG/KG	ND	ND	ND
o,p-DDT	700 NG/KG	ND	ND	ND
Heptachlor	700 NG/KG	ND	ND	ND
Heptachlor epoxide	700 NG/KG	ND	ND	ND
Alpha (cis) Chlordane	700 NG/KG	ND	ND	ND
Gamma (trans) Chlordane	700 NG/KG	ND	ND	ND
Alpha Chlordene	NG/KG	NA	NA	NA
Gamma Chlordene	NG/KG	NA	NA	NA
Oxychlordane	700 NG/KG	ND	ND	ND
Trans Nonachlor	700 NG/KG	ND	ND	ND
Cis Nonachlor	700 NG/KG	ND	ND	ND
Alpha Endosulfan	700 NG/KG	ND	ND	ND
Beta Endosulfan	700 NG/KG	<700	ND	ND
Endosulfan Sulfate	700 NG/KG	ND	ND	ND
Endrin	700 NG/KG	ND	ND	ND
Endrin aldehyde	700 NG/KG	ND	ND	ND
Mirex	700 NG/KG	ND	ND	ND
Methoxychlor	700 NG/KG	ND	ND	ND
=====	=====	=====	=====	=====
Aldrin + Dieldrin	700 NG/KG	0	0	0
Hexachlorocyclohexanes	400 NG/KG	0	0	0
DDT and derivatives	700 NG/KG	0	0	0
Chlordane + related cmpds.	700 NG/KG	0	0	0
=====	=====	=====	=====	=====
Chlorinated Hydrocarbons	700 NG/KG	0	0	0

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

SOUTH BAY OCEAN OUTFALL MONITORING  
 SEDIMENT ANNUAL Chlorinated Pesticide Analysis - International Stations

From 01-JAN-2006 To 31-DEC-2006

	MDL Units	2014 2006 Avg	2021 2006 Avg	2023 2006 Avg	2028 2006 Avg	2031 2006 Avg	2038 2006 Avg	2046 2006 Avg	2110 2006 Avg
===== 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	560	ND	ND	550	760	720	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	560	0	0	550	760	720	0	0
Chlordane + related cmpds.	700 NG/KG	0	0	0	0	0	0	0	0
===== Chlorinated Hydrocarbons	700 NG/KG	560	0	0	550	760	720	0	0

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

SOUTH BAY OCEAN OUTFALL MONITORING  
 SEDIMENT ANNUAL Chlorinated Pesticide Analysis - International Stations

From 01-JAN-2006 To 31-DEC-2006

		2111	2112	2113	2114	2115	2118	2119	2120
		2006	2006	2006	2006	2006	2006	2006	2006
	MDL Units	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg
=====	====	=====	=====	=====	=====	=====	=====	=====	=====
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	490	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	490	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	490	0	0	0	0

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

SOUTH BAY OCEAN OUTFALL MONITORING  
 SEDIMENT ANNUAL Chlorinated Pesticide Analysis - International Stations

From 01-JAN-2006 To 31-DEC-2006

		2121	2122	2123	2124	2125	2126	2127	2128
		2006	2006	2006	2006	2006	2006	2006	2006
	MDL Units	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg
=====	====	=====	=====	=====	=====	=====	=====	=====	=====
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	750	ND	E310	ND	ND	690	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	750	0	310	0	0	690	0	0
Chlordane + related cmpds.	700 NG/KG	0	0	0	0	0	0	0	0
=====	====	=====	=====	=====	=====	=====	=====	=====	=====
Chlorinated Hydrocarbons	700 NG/KG	750	0	310	0	0	690	0	0

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

SOUTH BAY OCEAN OUTFALL MONITORING  
 SEDIMENT ANNUAL Chlorinated Pesticide Analysis - International Stations

From 01-JAN-2006 To 31-DEC-2006

		2129	2130	2131	2132	2133	2135	2136	2137
		2006	2006	2006	2006	2006	2006	2006	2006
	MDL Units	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg
=====	====	=====	=====	=====	=====	=====	=====	=====	=====
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	580	ND	ND	490	550	550	E350	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	580	0	0	490	550	550	350	0
Chlordane + related cmpds.	700 NG/KG	0	0	0	0	0	0	0	0
=====	====	=====	=====	=====	=====	=====	=====	=====	=====
Chlorinated Hydrocarbons	700 NG/KG	580	0	0	490	550	550	350	0

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

SOUTH BAY OCEAN OUTFALL MONITORING  
 SEDIMENT ANNUAL Chlorinated Pesticide Analysis - International Stations

From 01-JAN-2006 To 31-DEC-2006

		2138	2139
		2006	2006
	MDL Units	Avg	Avg
=====	=== =====	=====	=====
Aldrin	700 NG/KG	ND	ND
Dieldrin	700 NG/KG	ND	ND
BHC, Alpha isomer	400 NG/KG	ND	ND
BHC, Beta isomer	400 NG/KG	ND	ND
BHC, Gamma isomer	400 NG/KG	ND	ND
BHC, Delta isomer	400 NG/KG	ND	ND
p,p-DDD	700 NG/KG	ND	ND
p,p-DDE	400 NG/KG	690	440
p,p-DDT	700 NG/KG	ND	ND
o,p-DDD	400 NG/KG	ND	ND
o,p-DDE	700 NG/KG	ND	ND
o,p-DDT	700 NG/KG	ND	ND
Heptachlor	700 NG/KG	ND	ND
Heptachlor epoxide	700 NG/KG	ND	ND
Alpha (cis) Chlordane	700 NG/KG	ND	ND
Gamma (trans) Chlordane	700 NG/KG	ND	ND
Alpha Chlordene	NG/KG	NA	NA
Gamma Chlordene	NG/KG	NA	NA
Oxychlordane	700 NG/KG	ND	ND
Trans Nonachlor	700 NG/KG	ND	ND
Cis Nonachlor	700 NG/KG	ND	ND
Alpha Endosulfan	700 NG/KG	ND	ND
Beta Endosulfan	700 NG/KG	ND	ND
Endosulfan Sulfate	700 NG/KG	ND	ND
Endrin	700 NG/KG	ND	ND
Endrin aldehyde	700 NG/KG	ND	ND
Mirex	700 NG/KG	ND	ND
Methoxychlor	700 NG/KG	ND	ND
=====	=== =====	=====	=====
Aldrin + Dieldrin	700 NG/KG	0	0
Hexachlorocyclohexanes	400 NG/KG	0	0
DDT and derivatives	700 NG/KG	690	440
Chlordane + related cmpds.	700 NG/KG	0	0
=====	=== =====	=====	=====
Chlorinated Hydrocarbons	700 NG/KG	690	440

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

SOUTH BAY OCEAN OUTFALL MONITORING  
 SEDIMENT ANNUAL - PCB Congeners (I-1 to I-35)

From 01-JAN-2006 To 31-DEC-2006

Analyte	MDL	Units	I-1	I-2	I-3	I-4	I-6	I-7
			2006	2006	2006	2006	2006	2006
			Avg	Avg	Avg	Avg	Avg	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



SOUTH BAY OCEAN OUTFALL MONITORING  
 SEDIMENT ANNUAL - PCB Congeners (I-1 to I-35)

From 01-JAN-2006 To 31-DEC-2006

Analyte	MDL	Units	I-8	I-9	I-10	I-12	I-13	I-14
			2006	2006	2006	2006	2006	2006
			Avg	Avg	Avg	Avg	Avg	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

SOUTH BAY OCEAN OUTFALL MONITORING  
 SEDIMENT ANNUAL - PCB Congeners (I-1 to I-35)

From 01-JAN-2006 To 31-DEC-2006

Analyte	MDL	Units	I-15	I-16	I-18	I-20	I-21	I-22
			2006	2006	2006	2006	2006	2006
			Avg	Avg	Avg	Avg	Avg	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

SOUTH BAY OCEAN OUTFALL MONITORING  
 SEDIMENT ANNUAL - PCB Congeners (I-1 to I-35)

From 01-JAN-2006 To 31-DEC-2006

Analyte	MDL	Units	I-23	I-27	I-28	I-29	I-30	I-31
			2006	2006	2006	2006	2006	2006
			Avg	Avg	Avg	Avg	Avg	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

SOUTH BAY OCEAN OUTFALL MONITORING  
 SEDIMENT ANNUAL - PCB Congeners (I-1 to I-35)

From 01-JAN-2006 To 31-DEC-2006

Analyte	MDL	Units	I-33	I-34	I-35
			2006	2006	2006
			Avg	Avg	Avg
PCB 18	700	NG/KG	ND	ND	ND
PCB 28	700	NG/KG	ND	ND	ND
PCB 52	700	NG/KG	ND	ND	ND
PCB 49	700	NG/KG	ND	ND	ND
PCB 44	700	NG/KG	ND	ND	ND
PCB 37	700	NG/KG	ND	ND	ND
PCB 74	700	NG/KG	ND	ND	ND
PCB 70	700	NG/KG	ND	ND	ND
PCB 66	700	NG/KG	ND	ND	ND
PCB 101	700	NG/KG	ND	ND	ND
PCB 99	700	NG/KG	ND	ND	ND
PCB 119	700	NG/KG	ND	ND	ND
PCB 87	700	NG/KG	ND	ND	ND
PCB 110	700	NG/KG	ND	ND	ND
PCB 81	700	NG/KG	ND	ND	ND
PCB 151	700	NG/KG	ND	ND	ND
PCB 77	700	NG/KG	ND	ND	ND
PCB 149	700	NG/KG	ND	ND	ND
PCB 123	700	NG/KG	ND	ND	ND
PCB 118	700	NG/KG	ND	ND	ND
PCB 114	700	NG/KG	ND	ND	ND
PCB 105	700	NG/KG	ND	ND	ND
PCB 138	700	NG/KG	ND	ND	ND
PCB 158	700	NG/KG	ND	ND	ND
PCB 187	700	NG/KG	ND	ND	ND
PCB 183	700	NG/KG	ND	ND	ND
PCB 126	1500	NG/KG	ND	ND	ND
PCB 128	700	NG/KG	ND	ND	ND
PCB 167	700	NG/KG	ND	ND	ND
PCB 177	700	NG/KG	ND	ND	ND
PCB 201	700	NG/KG	ND	ND	ND
PCB 156	700	NG/KG	ND	ND	ND
PCB 157	700	NG/KG	ND	ND	ND
PCB 180	400	NG/KG	ND	ND	ND
PCB 170	700	NG/KG	ND	ND	ND
Total PCB's	1500	NG/KG	0	0	0

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

SOUTH BAY OCEAN OUTFALL MONITORING  
 SEDIMENT ANNUAL - PCB Congeners Random-stations

From 01-JAN-2006 To 31-DEC-2006

Analyte	MDL	Units	2014	2021	2023	2028	2031	2038
			2006	2006	2006	2006	2006	2006
			Avg	Avg	Avg	Avg	Avg	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

SOUTH BAY OCEAN OUTFALL MONITORING  
 SEDIMENT ANNUAL - PCB Congeners Random-stations

From 01-JAN-2006 To 31-DEC-2006

Analyte	MDL	Units	2046	2110	2111	2112	2113	2114
			2006	2006	2006	2006	2006	2006
			Avg	Avg	Avg	Avg	Avg	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	E440	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	E440	0	0	0

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

SOUTH BAY OCEAN OUTFALL MONITORING  
 SEDIMENT ANNUAL - PCB Congeners Random-stations

From 01-JAN-2006 To 31-DEC-2006

Analyte	MDL	Units	2115	2118	2119	2120	2121	2122
			2006	2006	2006	2006	2006	2006
			Avg	Avg	Avg	Avg	Avg	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	E310	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	E460	ND
PCB 123	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 118	700	NG/KG	ND	ND	ND	ND	E280	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	E320	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	E320	0	0	1050	0

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

SOUTH BAY OCEAN OUTFALL MONITORING  
 SEDIMENT ANNUAL - PCB Congeners Random-stations

From 01-JAN-2006 To 31-DEC-2006

Analyte	MDL	Units	2123	2124	2125	2126	2127	2128
			2006	2006	2006	2006	2006	2006
			Avg	Avg	Avg	Avg	Avg	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	E430	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	E490	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	E510	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	E330	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	E1760	0	0

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



SOUTH BAY OCEAN OUTFALL MONITORING  
 SEDIMENT ANNUAL - PCB Congeners Random-stations

From 01-JAN-2006 To 31-DEC-2006

Analyte	MDL	Units	2129	2130	2131	2132	2133	2135
			2006	2006	2006	2006	2006	2006
			Avg	Avg	Avg	Avg	Avg	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	E420
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	E280
PCB 187	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 183	700	NG/KG	ND	ND	ND	ND	ND	E550
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	E450
PCB 177	700	NG/KG	ND	ND	ND	ND	ND	940
PCB 201	700	NG/KG	ND	ND	ND	ND	ND	720
PCB 156	700	NG/KG	ND	ND	ND	ND	ND	E360
PCB 157	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 180	400	NG/KG	ND	ND	ND	ND	ND	480
PCB 170	700	NG/KG	ND	ND	ND	ND	ND	740
Total PCB's	1500	NG/KG	0	0	0	0	0	4940

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

SOUTH BAY OCEAN OUTFALL MONITORING  
 SEDIMENT ANNUAL - PCB Congeners Random-stations

From 01-JAN-2006 To 31-DEC-2006

Analyte	MDL	Units	2136	2137	2138	2139
			2006	2006	2006	2006
			Avg	Avg	Avg	Avg
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 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
Total PCB's	1500	NG/KG	0	0	0	0

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

SOUTH BAY OCEAN OUTFALL MONITORING  
 SEDIMENT ANNUAL Base/Neutrals - International Stations

From 01-JAN-2006 To 31-DEC-2006

			I-1	I-2	I-3	I-4	I-6	I-7	I-8
			2006	2006	2006	2006	2006	2006	2006
	MDL	Units	Avg	Avg	Avg	Avg	Avg	Avg	Avg
Acenaphthene	11	UG/KG	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	11	UG/KG	ND	ND	ND	ND	ND	ND	ND
Anthracene	14	UG/KG	ND	ND	ND	ND	ND	ND	ND
Benzo[A]anthracene	34	UG/KG	<34	ND	ND	<34	ND	ND	ND
Benzo[A]pyrene	55	UG/KG	ND	ND	ND	ND	ND	ND	ND
3,4-benzo(B)fluoranthene	63	UG/KG	ND	ND	ND	ND	ND	ND	ND
Benzo[e]pyrene	57	UG/KG	ND	ND	ND	ND	ND	ND	ND
Benzo[G,H,I]perylene	56	UG/KG	ND	ND	ND	ND	ND	ND	ND
Benzo[K]fluoranthene	82	UG/KG	ND	ND	ND	ND	ND	ND	ND
Biphenyl		UG/KG	E24	E25	E20	E20	E21	E19	E20
Chrysene	36	UG/KG	ND	ND	ND	ND	ND	ND	ND
Dibenzo(A,H)anthracene	32	UG/KG	ND	ND	ND	ND	ND	ND	ND
2,6-dimethylnaphthalene	106	UG/KG	E18	E17	E21	E22	<106	E14	E14
Fluoranthene	24	UG/KG	<24	ND	ND	ND	ND	ND	ND
Fluorene	18	UG/KG	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-CD)pyrene	76	UG/KG	ND	ND	ND	ND	ND	ND	ND
1-methylphenanthrene	41	UG/KG	ND	ND	ND	ND	ND	ND	ND
2-methylnaphthalene		UG/KG	E33	E34	E40	E42	E38	E30	E28
1-methylnaphthalene		UG/KG	E10	E11	E12	E11	E12	E9	E9
Naphthalene	21	UG/KG	E20	29	E23	E23	E22	<21	E21
Perylene	58	UG/KG	ND	ND	<58	ND	ND	<58	ND
Phenanthrene	32	UG/KG	<32	<32	<32	<32	E8	<32	ND
Pyrene	35	UG/KG	<35	ND	E5	ND	ND	ND	ND
2,3,5-trimethylnaphthalene	134	UG/KG	ND	ND	ND	ND	ND	ND	ND
Total Base/Neutral Compounds			105	116	121	118	101	72	92

			I-9	I-10	I-12	I-13	I-14	I-15	I-16
			2006	2006	2006	2006	2006	2006	2006
	MDL	Units	Avg	Avg	Avg	Avg	Avg	Avg	Avg
Acenaphthene	11	UG/KG	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	11	UG/KG	ND	ND	ND	ND	ND	ND	ND
Anthracene	14	UG/KG	ND	ND	<14	ND	ND	<14	ND
Benzo[A]anthracene	34	UG/KG	ND	ND	ND	ND	ND	ND	ND
Benzo[A]pyrene	55	UG/KG	ND	ND	ND	ND	ND	ND	ND
3,4-benzo(B)fluoranthene	63	UG/KG	ND	ND	ND	ND	ND	ND	ND
Benzo[e]pyrene	57	UG/KG	ND	ND	ND	ND	ND	ND	ND
Benzo[G,H,I]perylene	56	UG/KG	ND	ND	ND	ND	ND	ND	ND
Benzo[K]fluoranthene	82	UG/KG	ND	ND	ND	ND	ND	ND	ND
Biphenyl		UG/KG	E27	E18	E21	E21	E22	E22	E17
Chrysene	36	UG/KG	ND	ND	ND	ND	ND	ND	ND
Dibenzo(A,H)anthracene	32	UG/KG	ND	ND	ND	ND	ND	ND	ND
2,6-dimethylnaphthalene	106	UG/KG	E24	E13	E15	E14	E19	E19	E13
Fluoranthene	24	UG/KG	ND	ND	<24	ND	ND	ND	ND
Fluorene	18	UG/KG	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-CD)pyrene	76	UG/KG	ND	ND	ND	ND	ND	ND	ND
1-methylphenanthrene	41	UG/KG	ND	ND	<41	ND	ND	ND	ND
2-methylnaphthalene		UG/KG	E48	E30	E31	E30	E41	E38	E29
1-methylnaphthalene		UG/KG	E18	E9	E8	E8	E12	E11	E10
Naphthalene	21	UG/KG	E30	E23	<21	E17	24	E22	43
Perylene	58	UG/KG	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	32	UG/KG	ND	ND	E10	<32	<32	E11	ND
Pyrene	35	UG/KG	ND	ND	<35	ND	ND	ND	ND
2,3,5-trimethylnaphthalene	134	UG/KG	ND	ND	<134	ND	ND	ND	ND
Total Base/Neutral Compounds			147	93	85	90	118	123	112

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

SOUTH BAY OCEAN OUTFALL MONITORING  
 SEDIMENT ANNUAL Base/Neutrals - International Stations

From 01-JAN-2006 To 31-DEC-2006

			I-18	I-20	I-21	I-22	I-23	I-27	I-28
			2006	2006	2006	2006	2006	2006	2006
	MDL	Units	Avg	Avg	Avg	Avg	Avg	Avg	Avg
Acenaphthene	11	UG/KG	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	11	UG/KG	ND	ND	ND	<11	ND	ND	ND
Anthracene	14	UG/KG	ND	ND	ND	ND	ND	ND	<14
Benzo[A]anthracene	34	UG/KG	ND	ND	<34	ND	ND	ND	<34
Benzo[A]pyrene	55	UG/KG	ND	ND	ND	ND	ND	ND	ND
3,4-benzo(B)fluoranthene	63	UG/KG	ND	ND	ND	ND	ND	ND	ND
Benzo[e]pyrene	57	UG/KG	ND	ND	ND	ND	ND	ND	ND
Benzo[G,H,I]perylene	56	UG/KG	ND	ND	ND	ND	ND	ND	ND
Benzo[K]fluoranthene	82	UG/KG	ND	ND	ND	ND	ND	ND	ND
Biphenyl		UG/KG	E22	E21	E20	E23	E20	E18	E21
Chrysene	36	UG/KG	ND	ND	ND	ND	ND	ND	ND
Dibenzo(A,H)anthracene	32	UG/KG	ND	ND	ND	ND	ND	ND	ND
2,6-dimethylnaphthalene	106	UG/KG	E20	E13	E14	E19	E14	E13	<106
Fluoranthene	24	UG/KG	ND	ND	ND	ND	ND	ND	<24
Fluorene	18	UG/KG	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-CD)pyrene	76	UG/KG	ND	ND	ND	ND	ND	ND	ND
1-methylphenanthrene	41	UG/KG	ND	ND	<41	<41	ND	ND	ND
2-methylnaphthalene		UG/KG	E38	E27	E30	E37	E30	E27	E17
1-methylnaphthalene		UG/KG	E11	E8	E8	E10	E9	E9	E6
Naphthalene	21	UG/KG	E23	E16	<21	22	<21	<21	<21
Perylene	58	UG/KG	ND	E27	ND	ND	<58	ND	ND
Phenanthrene	32	UG/KG	<32	<32	<32	E16	<32	ND	<32
Pyrene	35	UG/KG	ND	ND	ND	<35	ND	ND	<35
2,3,5-trimethylnaphthalene	134	UG/KG	ND	ND	ND	ND	ND	ND	ND
Total Base/Neutral Compounds			114	112	72	127	73	67	44

			I-29	I-30	I-31	I-33	I-34	I-35
			2006	2006	2006	2006	2006	2006
	MDL	Units	Avg	Avg	Avg	Avg	Avg	Avg
Acenaphthene	11	UG/KG	ND	ND	<11	ND	<11	ND
Acenaphthylene	11	UG/KG	ND	ND	ND	ND	ND	ND
Anthracene	14	UG/KG	ND	ND	ND	ND	<14	<14
Benzo[A]anthracene	34	UG/KG	ND	ND	ND	ND	<34	<34
Benzo[A]pyrene	55	UG/KG	ND	ND	ND	ND	ND	ND
3,4-benzo(B)fluoranthene	63	UG/KG	ND	ND	ND	ND	<63	ND
Benzo[e]pyrene	57	UG/KG	ND	ND	ND	ND	ND	ND
Benzo[G,H,I]perylene	56	UG/KG	ND	ND	ND	ND	ND	ND
Benzo[K]fluoranthene	82	UG/KG	ND	ND	ND	ND	ND	ND
Biphenyl		UG/KG	E22	E19	E19	E21	E17	E21
Chrysene	36	UG/KG	ND	ND	ND	ND	ND	ND
Dibenzo(A,H)anthracene	32	UG/KG	ND	ND	ND	ND	ND	ND
2,6-dimethylnaphthalene	106	UG/KG	E16	E19	E13	E14	E11	E18
Fluoranthene	24	UG/KG	ND	ND	ND	ND	ND	<24
Fluorene	18	UG/KG	ND	ND	ND	ND	E6	ND
Indeno(1,2,3-CD)pyrene	76	UG/KG	ND	ND	ND	ND	ND	ND
1-methylphenanthrene	41	UG/KG	<41	ND	ND	ND	ND	ND
2-methylnaphthalene		UG/KG	E37	E41	E33	E29	E25	E37
1-methylnaphthalene		UG/KG	E14	E11	E13	E9	E8	E11
Naphthalene	21	UG/KG	38	E29	45	E21	E19	E24
Perylene	58	UG/KG	ND	ND	ND	ND	ND	ND
Phenanthrene	32	UG/KG	ND	ND	<32	<32	<32	ND
Pyrene	35	UG/KG	ND	ND	ND	ND	ND	E20
2,3,5-trimethylnaphthalene	134	UG/KG	ND	ND	ND	ND	ND	ND
Total Base/Neutral Compounds			127	119	123	94	86	131

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

SOUTH BAY OCEAN OUTFALL MONITORING  
 SEDIMENT ANNUAL Base/Neutrals - Random Stations

From 01-JAN-2006 To 31-DEC-2006

			2014	2021	2023	2028	2031	2038	2046
			2006	2006	2006	2006	2006	2006	2006
	MDL	Units	Avg	Avg	Avg	Avg	Avg	Avg	Avg
Acenaphthene	11	UG/KG	ND	ND	E6	ND	ND	ND	ND
Acenaphthylene	11	UG/KG	ND	E5	ND	ND	ND	ND	ND
Anthracene	14	UG/KG	E2	E6	E5	ND	E6	ND	ND
Benzo[A]anthracene	34	UG/KG	E30	<34	E27	E30	36	ND	ND
Benzo[A]pyrene	55	UG/KG	ND	ND	ND	ND	ND	ND	ND
3,4-benzo(B)fluoranthene	63	UG/KG	ND	ND	ND	ND	E24	ND	ND
Benzo[e]pyrene	57	UG/KG	ND	ND	ND	ND	ND	ND	ND
Benzo[G,H,I]perylene	56	UG/KG	ND	ND	ND	ND	ND	ND	ND
Benzo[K]fluoranthene	82	UG/KG	ND	ND	ND	ND	<82	ND	ND
Biphenyl	89	UG/KG	E20	E22	E17	E24	E22	ND	ND
Chrysene	36	UG/KG	E6	E13	E11	E9	ND	ND	ND
Dibenzo(A,H)anthracene	32	UG/KG	ND	ND	ND	ND	ND	ND	ND
2,6-dimethylnaphthalene	106	UG/KG	E14	E9	E6	ND	ND	ND	ND
Fluoranthene	24	UG/KG	ND	<24	ND	E12	E13	ND	ND
Fluorene	18	UG/KG	ND	<18	ND	ND	ND	ND	ND
Indeno(1,2,3-CD)pyrene	76	UG/KG	ND	ND	ND	ND	ND	ND	ND
1-methylphenanthrene	41	UG/KG	ND	ND	ND	ND	ND	ND	ND
2-methylnaphthalene		UG/KG	E37	E29	E21	E32	E26	E17	E12
1-methylnaphthalene	70	UG/KG	E11	E11	E8	E14	E10	E5	E4
Naphthalene	21	UG/KG	36	38	37	42	34	E17	E14
Perylene	58	UG/KG	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	32	UG/KG	E15	E18	E16	E27	E18	ND	ND
Pyrene	35	UG/KG	ND	E20	ND	E29	<35	ND	ND
2,3,5-trimethylnaphthalene	134	UG/KG	ND	ND	ND	ND	ND	ND	ND
Total Base/Neutral Compounds			171	171	154	219	<189	39	30

			2110	2111	2112	2113	2114	2115	2118
			2006	2006	2006	2006	2006	2006	2006
	MDL	Units	Avg	Avg	Avg	Avg	Avg	Avg	Avg
Acenaphthene	11	UG/KG	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	11	UG/KG	ND	ND	ND	ND	ND	ND	E3
Anthracene	14	UG/KG	ND	ND	ND	ND	ND	ND	E6
Benzo[A]anthracene	34	UG/KG	ND	ND	ND	E18	ND	ND	36
Benzo[A]pyrene	55	UG/KG	ND	ND	ND	ND	ND	ND	ND
3,4-benzo(B)fluoranthene	63	UG/KG	ND	ND	ND	ND	ND	ND	E44
Benzo[e]pyrene	57	UG/KG	ND	ND	ND	ND	ND	ND	ND
Benzo[G,H,I]perylene	56	UG/KG	ND	ND	ND	ND	ND	ND	E16
Benzo[K]fluoranthene	82	UG/KG	ND	ND	ND	ND	ND	ND	ND
Biphenyl	89	UG/KG	E15	E16	E16	E18	E17	E15	E26
Chrysene	36	UG/KG	ND	ND	ND	ND	ND	ND	E13
Dibenzo(A,H)anthracene	32	UG/KG	ND	ND	ND	ND	ND	ND	ND
2,6-dimethylnaphthalene	106	UG/KG	ND	E7	E5	ND	E4	ND	E9
Fluoranthene	24	UG/KG	ND	ND	ND	E3	E7	ND	E18
Fluorene	18	UG/KG	ND	ND	ND	ND	ND	ND	E5
Indeno(1,2,3-CD)pyrene	76	UG/KG	ND	ND	ND	ND	ND	ND	E26
1-methylphenanthrene	41	UG/KG	ND	ND	ND	ND	ND	ND	ND
2-methylnaphthalene		UG/KG	E12	E17	E14	E13	E16	E11	E27
1-methylnaphthalene	70	UG/KG	E4	E6	E5	E5	E6	E3	E12
Naphthalene	21	UG/KG	<21	E19	E17	21	26	E11	40
Perylene	58	UG/KG	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	32	UG/KG	ND	E9	ND	E10	ND	ND	E29
Pyrene	35	UG/KG	ND	ND	ND	E10	E15	ND	40
2,3,5-trimethylnaphthalene	134	UG/KG	ND	ND	ND	ND	ND	ND	ND
Total Base/Neutral Compounds			31	74	57	98	91	40	350

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

SOUTH BAY OCEAN OUTFALL MONITORING  
 SEDIMENT ANNUAL Base/Neutrals - Random Stations

From 01-JAN-2006 To 31-DEC-2006

		2119	2120	2121	2122	2123	2124	2125
		2006	2006	2006	2006	2006	2006	2006
	MDL Units	Avg	Avg	Avg	Avg	Avg	Avg	Avg
Acenaphthene	11 UG/KG	<11	ND	ND	ND	ND	ND	ND
Acenaphthylene	11 UG/KG	ND	ND	ND	ND	ND	ND	ND
Anthracene	14 UG/KG	<14	ND	E3	ND	ND	ND	E2
Benzo[A]anthracene	34 UG/KG	E24	ND	E25	ND	ND	E18	E17
Benzo[A]pyrene	55 UG/KG	ND	ND	ND	ND	ND	ND	ND
3,4-benzo(B)fluoranthene	63 UG/KG	ND	ND	E37	ND	ND	ND	ND
Benzo[e]pyrene	57 UG/KG	ND	ND	ND	ND	ND	ND	ND
Benzo[G,H,I]perylene	56 UG/KG	ND	ND	ND	ND	ND	ND	ND
Benzo[K]fluoranthene	82 UG/KG	ND	ND	ND	ND	ND	ND	ND
Biphenyl	89 UG/KG	E18	E17	E18	E16	E16	E21	E18
Chrysene	36 UG/KG	<36	ND	E14	ND	ND	ND	ND
Dibenzo(A,H)anthracene	32 UG/KG	ND	ND	ND	ND	ND	ND	ND
2,6-dimethylnaphthalene	106 UG/KG	E9	ND	E5	ND	ND	ND	E6
Fluoranthene	24 UG/KG	<24	ND	E12	ND	ND	E5	ND
Fluorene	18 UG/KG	E4	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-CD)pyrene	76 UG/KG	ND	ND	ND	ND	ND	ND	ND
1-methylphenanthrene	41 UG/KG	ND	ND	ND	ND	ND	ND	ND
2-methylnaphthalene	UG/KG	E30	E16	E16	E14	E18	E17	E23
1-methylnaphthalene	70 UG/KG	E11	E4	E7	ND	E6	E7	E8
Naphthalene	21 UG/KG	43	E17	29	E13	25	33	27
Perylene	58 UG/KG	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	32 UG/KG	E13	E11	E14	ND	ND	ND	E12
Pyrene	35 UG/KG	<35	ND	41	ND	ND	E15	E6
2,3,5-trimethylnaphthalene	134 UG/KG	ND	ND	ND	ND	ND	ND	ND
Total Base/Neutral Compounds		152	65	221	43	65	116	119

		2126	2127	2128	2129	2130	2131	2132
		2006	2006	2006	2006	2006	2006	2006
	MDL Units	Avg	Avg	Avg	Avg	Avg	Avg	Avg
Acenaphthene	11 UG/KG	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	11 UG/KG	ND	ND	ND	E1	ND	ND	ND
Anthracene	14 UG/KG	E5	ND	E6	E3	E3	E4	E5
Benzo[A]anthracene	34 UG/KG	E32	ND	E25	E29	E24	E30	E25
Benzo[A]pyrene	55 UG/KG	ND	ND	ND	ND	ND	ND	ND
3,4-benzo(B)fluoranthene	63 UG/KG	ND	ND	ND	ND	E17	E27	ND
Benzo[e]pyrene	57 UG/KG	ND	ND	ND	ND	ND	E22	ND
Benzo[G,H,I]perylene	56 UG/KG	ND	ND	ND	ND	ND	ND	ND
Benzo[K]fluoranthene	82 UG/KG	ND	ND	ND	ND	ND	ND	ND
Biphenyl	89 UG/KG	E19	E15	E17	E21	E21	E21	E17
Chrysene	36 UG/KG	E18	ND	ND	E7	E12	E12	ND
Dibenzo(A,H)anthracene	32 UG/KG	ND	ND	ND	ND	ND	ND	ND
2,6-dimethylnaphthalene	106 UG/KG	E8	ND	ND	E10	E12	E12	ND
Fluoranthene	24 UG/KG	ND	ND	ND	E12	E8	E11	ND
Fluorene	18 UG/KG	ND	ND	E4	E3	E3	ND	ND
Indeno(1,2,3-CD)pyrene	76 UG/KG	ND	ND	ND	ND	ND	ND	ND
1-methylphenanthrene	41 UG/KG	E1	ND	ND	ND	ND	ND	ND
2-methylnaphthalene	UG/KG	E21	E15	E19	E26	E32	E34	E21
1-methylnaphthalene	70 UG/KG	E9	E6	E8	E9	E10	E13	E8
Naphthalene	21 UG/KG	32	22	59	40	42	48	30
Perylene	58 UG/KG	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	32 UG/KG	E17	E13	E15	E17	E17	E21	E12
Pyrene	35 UG/KG	E21	ND	E14	E23	E19	E19	E14
2,3,5-trimethylnaphthalene	134 UG/KG	ND	ND	ND	ND	ND	ND	ND
Total Base/Neutral Compounds		183	71	167	201	220	274	132

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

SOUTH BAY OCEAN OUTFALL MONITORING  
 SEDIMENT ANNUAL Base/Neutrals - Random Stations

From 01-JAN-2006 To 31-DEC-2006

		2133	2135	2136	2137	2138	2139
		2006	2006	2006	2006	2006	2006
	MDL Units	Avg	Avg	Avg	Avg	Avg	Avg
Acenaphthene	11 UG/KG	E5	ND	ND	ND	ND	ND
Acenaphthylene	11 UG/KG	E5	E2	ND	ND	ND	ND
Anthracene	14 UG/KG	E7	E5	ND	E4	E6	ND
Benzo[A]anthracene	34 UG/KG	E26	E26	E32	E25	E27	E25
Benzo[A]pyrene	55 UG/KG	ND	ND	ND	ND	ND	ND
3,4-benzo(B)fluoranthene	63 UG/KG	ND	ND	ND	ND	ND	ND
Benzo[e]pyrene	57 UG/KG	ND	ND	ND	ND	ND	ND
Benzo[G,H,I]perylene	56 UG/KG	ND	ND	ND	ND	ND	ND
Benzo[K]fluoranthene	82 UG/KG	ND	ND	ND	ND	ND	ND
Biphenyl	89 UG/KG	E22	E20	E20	E19	E20	E17
Chrysene	36 UG/KG	E10	E8	ND	ND	E8	ND
Dibenzo(A,H)anthracene	32 UG/KG	ND	ND	ND	ND	ND	ND
2,6-dimethylnaphthalene	106 UG/KG	E8	E14	E11	E8	ND	E7
Fluoranthene	24 UG/KG	E8	ND	ND	ND	ND	ND
Fluorene	18 UG/KG	ND	E3	E3	E2	ND	ND
Indeno(1,2,3-CD)pyrene	76 UG/KG	ND	ND	ND	ND	ND	ND
1-methylphenanthrene	41 UG/KG	ND	ND	ND	ND	ND	ND
2-methylnaphthalene	UG/KG	E32	E32	E38	E27	E37	E21
1-methylnaphthalene	70 UG/KG	E14	E11	E11	E10	E14	E6
Naphthalene	21 UG/KG	53	36	41	38	46	25
Perylene	58 UG/KG	ND	ND	ND	ND	ND	ND
Phenanthrene	32 UG/KG	E18	E18	E16	E14	E19	E11
Pyrene	35 UG/KG	E19	ND	ND	ND	E17	ND
2,3,5-trimethylnaphthalene	134 UG/KG	ND	ND	ND	ND	ND	ND
Total Base/Neutral Compounds		227	175	172	147	194	112

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

B. Fish Tissue Data.

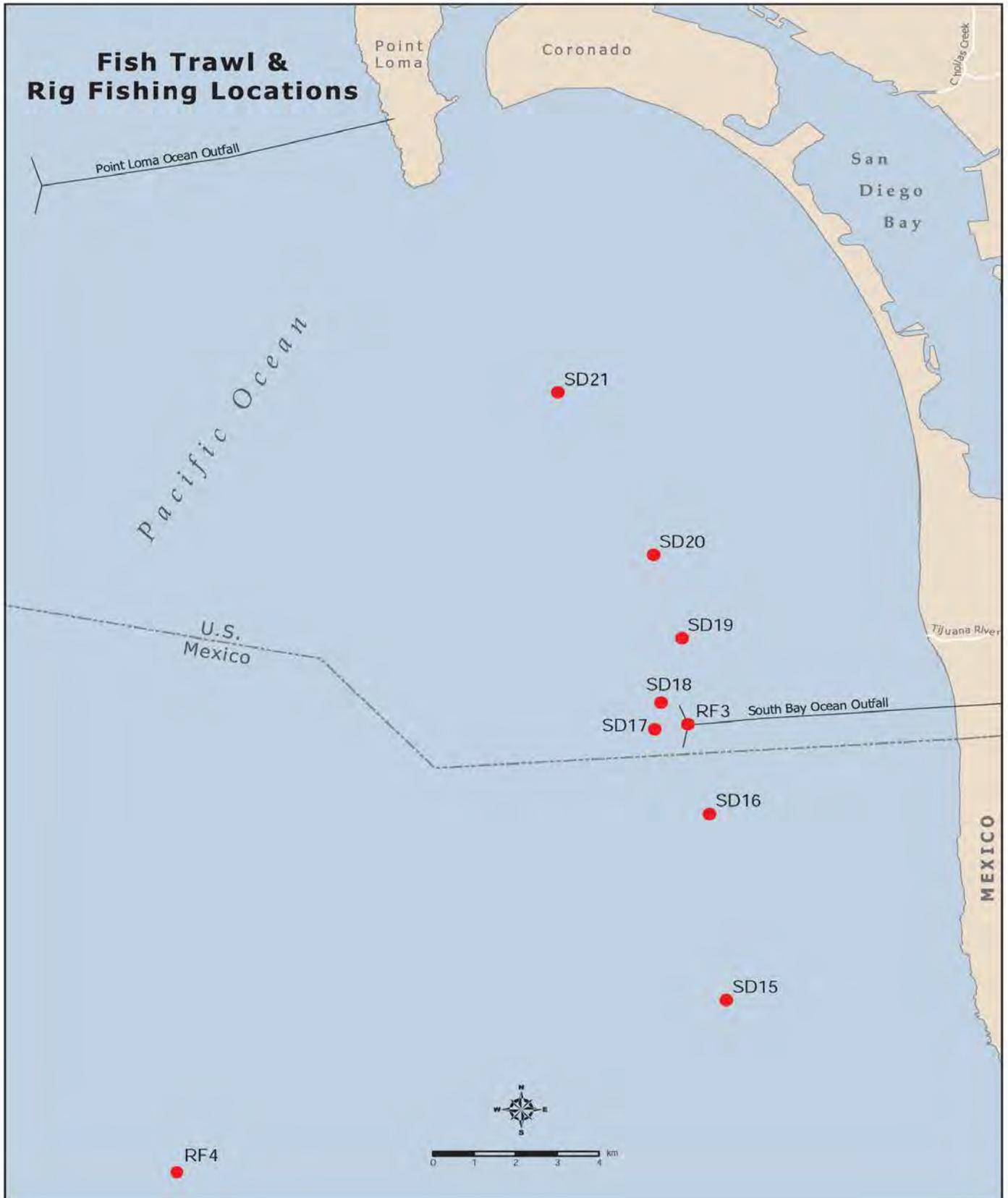
Fish were taken from the following stations during 2006. The fish were dissected, preserved by freezing, and each sample analyzed for PAHs, trace metals, chlorinated pesticides and PCBs. Lipids and total solids were also determined for each sample.

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

<u>Station</u>	<u>Station</u>
RF-3	SD-15
RF-4	SD-16
	SD-17
	SD-18
	SD-19
	SD-20
	SD-21



# South Bay Rig Fishing and Trawl Stations



SOUTH BAY WATER RECLAMATION PLANT  
 TISSUE - Chlorinated Pesticides  
 From 01-JAN-2006 To 31-DEC-2006

FISH - Lipids & Total Solids

Tissue Analyte	MDL	Units	SD-15	SD-16	SD-17	SD-18	SD-19	SD-20
			2006	2006	2006	2006	2006	2006
			Avg	Avg	Avg	Avg	Avg	Avg
Liver Lipids	.005	WT%	12.1	15.8	15.1	11.2	17.4	15.0
Liver Total Solids	.4	WT%	31.0	35.6	38.6	30.6	35.3	35.2

Tissue Analyte	MDL	Units	SD-21	RF-3	RF-4
			2006	2006	2006
			Avg	Avg	Avg
Liver Lipids	.005	WT%	18.5		
Liver Total Solids	.4	WT%	35.0		
Muscle Lipids	.005	WT%		0.8	0.8
Muscle Total Solids	.4	WT%		20.9	22.0

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

SOUTH BAY WATER RECLAMATION PLANT  
 ANNUAL FISH TISSUE - MUSCLE  
 Trace Metals

From: 01-JAN-2006 To: 31-DEC-2006

Source:			RF-3	RF-4
Date:			2006	2006
Analyte:	MDL	Units	Average	Average
=====	=====	=====	=====	=====
Aluminum	.58	MG/KG	1.92	1.97
Antimony	.48	MG/KG	<0.48	<0.48
Arsenic	.38	MG/KG	1.28	3.65
Beryllium	.003	MG/KG	ND	ND
Cadmium	.029	MG/KG	0.28	0.08
Chromium	.08	MG/KG	0.25	0.25
Copper	.068	MG/KG	0.23	0.27
Iron	.096	MG/KG	7.70	2.30
Lead	.3	MG/KG	ND	ND
Manganese	.0071	MG/KG	0.13	0.10
Mercury	.03	MG/KG	0.110	0.152
Nickel	.094	MG/KG	<0.09	<0.09
Selenium	.06	MG/KG	0.261	0.523
Silver	.057	MG/KG	ND	ND
Thallium	.85	MG/KG	<0.85	0.95
Tin	.24	MG/KG	0.91	0.97
Zinc	.049	MG/KG	5.82	4.26
Total Solids	.4	WT%	20.9	22.0

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

SOUTH BAY WATER RECLAMATION PLANT  
ANNUAL FISH TISSUE - LIVER  
Trace Metals

From: 01-JAN-2006 To: 31-DEC-2006

Source:		SD-15	SD-16	SD-17	SD-18	SD-19	SD-20
Date:		2006	2006	2006	2006	2006	2006
Analyte:	MDL Units	Average	Average	Average	Average	Average	Average
=====	=====	=====	=====	=====	=====	=====	=====
Aluminum	.58 MG/KG	<0.58	1.09	0.79	ND	2.35	1.68
Antimony	.48 MG/KG	ND	<0.48	<0.48	<0.48	<0.48	ND
Arsenic	.38 MG/KG	4.76	3.87	7.03	6.86	6.27	5.36
Beryllium	.003 MG/KG	ND	ND	ND	ND	ND	ND
Cadmium	.029 MG/KG	3.22	1.99	3.34	2.91	2.64	2.61
Chromium	.08 MG/KG	0.28	0.19	0.61	0.15	0.17	0.29
Copper	.068 MG/KG	4.85	3.20	8.24	4.63	5.20	3.54
Iron	.096 MG/KG	75	93	116	88	75	71
Lead	.3 MG/KG	ND	<0.30	<0.30	<0.30	<0.30	<0.30
Manganese	.0071 MG/KG	1.74	1.33	1.17	1.86	1.22	1.17
Mercury	.03 MG/KG	0.080	0.071	0.132	0.108	0.083	0.075
Nickel	.094 MG/KG	<0.09	0.17	0.22	<0.09	<0.09	<0.09
Selenium	.06 MG/KG	0.80	0.90	1.02	0.93	1.02	0.96
Thallium	.85 MG/KG	<0.85	1.10	1.12	1.03	1.11	1.08
Tin	.24 MG/KG	1.17	1.07	1.12	0.81	1.09	1.00
Zinc	.049 MG/KG	45.4	43.7	73.3	61.7	44.7	40.3
Total Solids	.4 WT%	31.0	35.6	38.6	30.6	35.3	35.2

Source:		SD-21
Date:		2006
Analyte:	MDL Units	Average
=====	=====	=====
Aluminum	.58 MG/KG	1.80
Antimony	.48 MG/KG	<0.48
Arsenic	.38 MG/KG	6.42
Beryllium	.003 MG/KG	ND
Cadmium	.029 MG/KG	1.94
Chromium	.08 MG/KG	0.25
Copper	.068 MG/KG	3.84
Iron	.096 MG/KG	78
Lead	.3 MG/KG	<0.30
Manganese	.0071 MG/KG	1.42
Mercury	.03 MG/KG	0.092
Nickel	.094 MG/KG	<0.09
Selenium	.06 MG/KG	0.83
Thallium	.85 MG/KG	1.15
Tin	.24 MG/KG	0.80
Zinc	.049 MG/KG	42.4
Total Solids	.4 WT%	35.0

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

SOUTH BAY WATER RECLAMATION PLANT  
ANNUAL FISH LIVER - Chlorinated Pesticides

From 01-JAN-2006 To 31-DEC-2006

Analyte	MDL	Units	SD-15	SD-16	SD-17	SD-18	SD-19
			2006	2006	2006	2006	2006
			Avg	Avg	Avg	Avg	Avg
Hexachlorobenzene	13.3	UG/KG	<13.3	<13.3	<13.3	<13.3	<13.3
BHC, Gamma isomer	167	UG/KG	ND	ND	ND	ND	ND
Heptachlor	33.3	UG/KG	ND	ND	<33.3	ND	<33.3
Aldrin		UG/KG	ND	ND	4.0	ND	ND
Heptachlor epoxide	100	UG/KG	ND	ND	<100.0	ND	ND
o,p-DDE	13.3	UG/KG	<13.3	<13.3	E4.6	<13.3	<13.3
Alpha Endosulfan	167	UG/KG	ND	ND	<167.0	ND	ND
Alpha (cis) Chlordane	13.3	UG/KG	<13.3	<13.3	E20.3	<13.3	<13.3
Trans Nonachlor	13.3	UG/KG	<13.3	<13.3	<13.3	<13.3	<13.3
p,p-DDE	13.3	UG/KG	94.3	229.0	461.0	310.0	278.0
Dieldrin	13.3	UG/KG	ND	ND	<13.3	ND	ND
o,p-DDD	13.3	UG/KG	ND	<13.3	<13.3	<13.3	<13.3
Endrin	13.3	UG/KG	ND	ND	18.3	ND	ND
o,p-DDT	13.3	UG/KG	ND	<13.3	<13.3	ND	<13.3
p,p-DDD	13.3	UG/KG	E2.2	E3.6	E15.1	E4.1	<13.3
p,p-DDT	13.3	UG/KG	<13.3	<13.3	<13.3	<13.3	<13.3
Mirex	13.3	UG/KG	ND	<13.3	ND	ND	ND

Analyte	MDL	Units	SD-20	SD-21
			2006	2006
			Avg	Avg
Hexachlorobenzene	13.3	UG/KG	<13.3	<13.3
BHC, Gamma isomer	167	UG/KG	ND	ND
Heptachlor	33.3	UG/KG	<33.3	ND
Aldrin		UG/KG	ND	ND
Heptachlor epoxide	100	UG/KG	ND	ND
o,p-DDE	13.3	UG/KG	<13.3	<13.3
Alpha Endosulfan	167	UG/KG	ND	ND
Alpha (cis) Chlordane	13.3	UG/KG	<13.3	<13.3
Trans Nonachlor	13.3	UG/KG	<13.3	<13.3
p,p-DDE	13.3	UG/KG	235.0	392.0
Dieldrin	13.3	UG/KG	ND	ND
o,p-DDD	13.3	UG/KG	<13.3	<13.3
Endrin	13.3	UG/KG	ND	ND
o,p-DDT	13.3	UG/KG	ND	<13.3
p,p-DDD	13.3	UG/KG	<13.3	<13.3
p,p-DDT	13.3	UG/KG	<13.3	<13.3
Mirex	13.3	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

SOUTH BAY WATER RECLAMATION PLANT  
ANNUAL FISH MUSCLE - Chlorinated Pesticides

From 01-JAN-2006 To 31-DEC-2006

Analyte	MDL	Units	RF-3	RF-4
			2006	2006
			Avg	Avg
Hexachlorobenzene	1.33	UG/KG	<1.3	<1.3
BHC, Gamma isomer	3.33	UG/KG	ND	<3.3
Heptachlor	3.33	UG/KG	ND	<3.3
Aldrin	6.67	UG/KG	ND	<6.7
Heptachlor epoxide	6.67	UG/KG	ND	<6.7
o,p-DDE	1.33	UG/KG	<1.3	<1.3
Alpha Endosulfan	33	UG/KG	ND	ND
Alpha (cis) Chlordane	2	UG/KG	ND	<2.0
Trans Nonachlor	2	UG/KG	<2.0	<2.0
p,p-DDE	1.33	UG/KG	3.3	7.8
Dieldrin	1.33	UG/KG	ND	<1.3
o,p-DDD	1.33	UG/KG	ND	ND
Endrin	1.33	UG/KG	ND	<1.3
o,p-DDT	1.33	UG/KG	ND	ND
p,p-DDD	1.33	UG/KG	<1.3	<1.3
p,p-DDT	1.33	UG/KG	<1.3	<1.3
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

SOUTH BAY WATER RECLAMATION PLANT  
 FISH LIVER - Analysis of Poly Aromatic Hydrocarbon (PAH)  
 From 01-JAN-2006 To 31-DEC-2006

Analyte	MDL	Units	SD-15	SD-16	SD-17	SD-18	SD-19	SD-20
			2006	2006	2006	2006	2006	2006
			Avg	Avg	Avg	Avg	Avg	Avg
Acenaphthene	100	UG/KG	ND	ND	ND	ND	ND	ND
Acenaphthylene	100	UG/KG	ND	ND	ND	ND	ND	ND
Anthracene	100	UG/KG	ND	ND	ND	ND	ND	ND
Benzo[A]anthracene	100	UG/KG	ND	ND	ND	ND	ND	ND
Benzo[A]pyrene	100	UG/KG	ND	ND	ND	ND	ND	ND
3,4-benzo(B)fluoranthene	100	UG/KG	ND	ND	ND	ND	ND	ND
Benzo[e]pyrene	100	UG/KG	ND	ND	ND	ND	ND	ND
Benzo[G,H,I]perylene	100	UG/KG	ND	ND	ND	ND	ND	ND
Benzo[K]fluoranthene	100	UG/KG	ND	ND	ND	ND	ND	ND
Biphenyl	100	UG/KG	ND	ND	ND	ND	ND	ND
Chrysene	100	UG/KG	ND	ND	ND	ND	ND	ND
Dibenzo(A,H)anthracene	100	UG/KG	ND	ND	ND	ND	ND	ND
2,6-dimethylnaphthalene	100	UG/KG	ND	ND	ND	ND	ND	ND
Fluoranthene	100	UG/KG	ND	ND	ND	ND	ND	ND
Fluorene	100	UG/KG	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-CD)pyrene	100	UG/KG	ND	ND	ND	ND	ND	ND
1-methylnaphthalene	100	UG/KG	ND	ND	ND	ND	ND	ND
2-methylnaphthalene	100	UG/KG	ND	ND	ND	ND	ND	ND
1-methylphenanthrene	100	UG/KG	ND	ND	ND	ND	ND	ND
Naphthalene	100	UG/KG	ND	ND	ND	ND	ND	ND
Perylene	100	UG/KG	ND	ND	ND	ND	ND	ND
Phenanthrene	100	UG/KG	ND	ND	ND	ND	ND	ND
Pyrene	100	UG/KG	ND	ND	ND	ND	ND	ND
2,3,5-trimethylnaphthalene	100	UG/KG	ND	ND	ND	ND	ND	ND

Analyte	MDL	Units	SD-21
			2006
			Avg
Acenaphthene	100	UG/KG	ND
Acenaphthylene	100	UG/KG	ND
Anthracene	100	UG/KG	ND
Benzo[A]anthracene	100	UG/KG	ND
Benzo[A]pyrene	100	UG/KG	ND
3,4-benzo(B)fluoranthene	100	UG/KG	ND
Benzo[e]pyrene	100	UG/KG	ND
Benzo[G,H,I]perylene	100	UG/KG	ND
Benzo[K]fluoranthene	100	UG/KG	ND
Biphenyl	100	UG/KG	ND
Chrysene	100	UG/KG	ND
Dibenzo(A,H)anthracene	100	UG/KG	ND
2,6-dimethylnaphthalene	100	UG/KG	ND
Fluoranthene	100	UG/KG	ND
Fluorene	100	UG/KG	ND
Indeno(1,2,3-CD)pyrene	100	UG/KG	ND
1-methylnaphthalene	100	UG/KG	ND
2-methylnaphthalene	100	UG/KG	ND
1-methylphenanthrene	100	UG/KG	ND
Naphthalene	100	UG/KG	ND
Perylene	100	UG/KG	ND
Phenanthrene	100	UG/KG	ND
Pyrene	100	UG/KG	ND
2,3,5-trimethylnaphthalene	100	UG/KG	ND

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

SOUTH BAY WATER RECLAMATION PLANT  
 ANNUAL FISH MUSCLE - Analysis of Poly Aromatic Hydrocarbon (PAH)  
 From 01-JAN-2006 To 31-DEC-2006

Analyte	MDL	Units	RF-3	RF-4
			2006	2006
			Avg	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



SOUTH BAY WATER RECLAMATION PLANT  
 ANNUAL FISH LIVER - Analysis of Poly Chlorinated Biphenyls  
 From 01-JAN-2006 To 31-DEC-2006

Analyte	MDL	Units	SD-15	SD-16	SD-17	SD-18	SD-19	SD-20	SD-21
			2006	2006	2006	2006	2006	2006	2006
			Avg	Avg	Avg	Avg	Avg	Avg	Avg
PCB 18	33.3	UG/KG	ND	ND	ND	ND	ND	ND	ND
PCB 28	13.3	UG/KG	<13.3	<13.3	<13.3	<13.3	<13.3	<13.3	<13.3
PCB 49	13.3	UG/KG	<13.3	<13.3	<13.3	<13.3	E1.1	<13.3	<13.3
PCB 37	13.3	UG/KG	ND	ND	ND	ND	ND	ND	ND
PCB 70	13.3	UG/KG	<13.3	<13.3	<13.3	<13.3	<13.3	<13.3	<13.3
PCB 101	13.3	UG/KG	E2.4	E2.9	<13.3	<13.3	E4.4	E3.9	E13.7
PCB 119	13.3	UG/KG	ND	ND	<13.3	<13.3	<13.3	ND	ND
PCB 87	13.3	UG/KG	ND	<13.3	<13.3	<13.3	<13.3	<13.3	<13.3
PCB 110	13.3	UG/KG	<13.3	<13.3	<13.3	<13.3	<13.3	<13.3	E13.9
PCB 151	13.3	UG/KG	<13.3	<13.3	<13.3	<13.3	<13.3	<13.3	<13.3
PCB 77	13.3	UG/KG	ND	ND	ND	ND	ND	ND	ND
PCB 149	13.3	UG/KG	E2.3	E3.4	<13.3	E3.9	E3.8	<13.3	<13.3
PCB 123	13.3	UG/KG	ND	<13.3	<13.3	<13.3	<13.3	<13.3	<13.3
PCB 118	13.3	UG/KG	E4.2	<13.3	E15.4	<13.3	<13.3	<13.3	E54.0
PCB 114	13.3	UG/KG	ND	ND	ND	ND	ND	ND	<13.3
PCB 153/168	13.3	UG/KG	<13.3	E21.1	E35.1	E25.9	E16.9	E23.8	E90.9
PCB 105	13.3	UG/KG	<13.3	<13.3	E4.3	<13.3	<13.3	<13.3	<13.3
PCB 138	13.3	UG/KG	E5.4	<13.3	E19.8	E15.7	<13.3	E14.2	E61.2
PCB 158	13.3	UG/KG	<13.3	<13.3	<13.3	<13.3	<13.3	<13.3	<13.3
PCB 187	13.3	UG/KG	E4.3	<13.3	E14.7	<13.3	<13.3	<13.3	E28.7
PCB 183	13.3	UG/KG	<13.3	E2.7	E4.5	E3.2	<13.3	E2.9	<13.3
PCB 126	13.3	UG/KG	ND	ND	ND	ND	ND	ND	ND
PCB 128	13.3	UG/KG	ND	<13.3	<13.3	<13.3	<13.3	<13.3	<13.3
PCB 167	13.3	UG/KG	ND	<13.3	<13.3	<13.3	<13.3	<13.3	<13.3
PCB 177	13.3	UG/KG	<13.3	<13.3	<13.3	<13.3	<13.3	<13.3	<13.3
PCB 156	13.3	UG/KG	ND	<13.3	<13.3	<13.3	<13.3	<13.3	<13.3
PCB 157	13.3	UG/KG	ND	<13.3	<13.3	<13.3	ND	<13.3	<13.3
PCB 180	13.3	UG/KG	E4.7	<13.3	E15.8	<13.3	<13.3	<13.3	E29.9
PCB 170	13.3	UG/KG	<13.3	E4.3	<13.3	<13.3	<13.3	E4.4	E14.2
PCB 169	13.3	UG/KG	ND	ND	ND	ND	ND	ND	ND
PCB 189	13.3	UG/KG	ND	ND	ND	ND	ND	ND	<13.3
PCB 194	13.3	UG/KG	<13.3	<13.3	E4.9	<13.3	<13.3	<13.3	<13.3
PCB 206	13.3	UG/KG	<13.3	<13.3	E2.3	<13.3	<13.3	<13.3	E3.6

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

SOUTH BAY WATER RECLAMATION PLANT  
 ANNUAL FISH MUSCLE - Analysis of Poly Chlorinated Biphenyls  
 From 01-JAN-2006 To 31-DEC-2006

Analyte	MDL	Units	RF-3	RF-4
			2006	2006
=====	=====	=====	=====	=====
			Avg	Avg
PCB 18	1.33	UG/KG	ND	ND
PCB 28	1.33	UG/KG	ND	ND
PCB 49	1.33	UG/KG	<1.3	ND
PCB 37	1.33	UG/KG	ND	ND
PCB 70	1.33	UG/KG	ND	ND
PCB 101	1.33	UG/KG	<1.3	<1.3
PCB 119	1.33	UG/KG	ND	ND
PCB 87	1.33	UG/KG	ND	ND
PCB 110	1.33	UG/KG	ND	<1.3
PCB 151	1.33	UG/KG	ND	ND
PCB 77	1.33	UG/KG	ND	ND
PCB 149	1.33	UG/KG	<1.3	<1.3
PCB 123	1.33	UG/KG	ND	ND
PCB 118		UG/KG	E0.2	E0.3
PCB 114	1.33	UG/KG	ND	ND
PCB 153/168		UG/KG	E0.4	E0.5
PCB 105	1.33	UG/KG	<1.3	<1.3
PCB 138		UG/KG	E0.2	E0.3
PCB 158	1.33	UG/KG	<1.3	ND
PCB 187		UG/KG	E0.2	E0.2
PCB 183	1.33	UG/KG	<1.3	<1.3
PCB 126	1.33	UG/KG	<1.3	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	ND
PCB 156	1.33	UG/KG	<1.3	ND
PCB 157	1.33	UG/KG	<1.3	ND
PCB 180		UG/KG	E0.2	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	<1.3	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