

VI. Annual Pretreatment Program Sludge Analysis

2007 Annual Pretreatment Program Sludge Analysis
(QUARTERLY SLUDGE PROJECT)

The Quarterly Sludge Project is part of the Pt. Loma WWTP NPDES (Permit No. CA0107409/Order No. 95-106) monitoring requirements. The sampling plan is designed so as to provide a “snapshot” of all of the physical and chemical characteristics monitored of the wastewater treatment waste streams for a short interval of time (1-2 days). This is conducted quarterly.

The Quarterly Sludge Project was conducted 4 times during 2007, composite sampling on February 13, May 08, August 07, and October 02, grab samples taken the second day from each on-going waste stream. Monthly composite samples of MBC dewatered sludge during the respective calendar months were taken and analyzed for a similar suite of parameters. The tables showing the results of these analyses follow in this section.

Pt. Loma WWTP Influent (PLR) and effluent (PLE) sewage are flow-proportioned 24-hr composites* taken by a refrigerated automatic continuous autosampler over the 24-hr periods from midnight to midnight of the sampling days. Two days of sampling were required for all of the required samples. The sampling locations are the influent and effluent channels.

Digested and raw sludge are sampled by operations staff and composited by the laboratory. The digested sludge sample is composited from 12 manual grab samples collected at two-hour intervals from the delivery lines to the North and South digesters. The raw sludge sample is composited from 12 manual grabs from the lines to the North and South digesters collected at two hour intervals.

The Metro Biosolids Center (MBC) uses a centrifuge dewatering process, the MBC centrate is the return stream source. This is a 24-hr composite collected with the refrigerated automatic composite sampler currently installed on the MBC combined centrate return stream line. MBC_NC_DSL and MBC_NC_RSL are the MBC Digested Sludge Line and NCWRP to MBC Raw Sludge Line respectively; MBC_NC_DSL composite sample was compiled from grabs collected every 2 hours for the 24 hours of the sampling program each quarter while MBC_NC_RSL is a 24-hr composite collected with the refrigerated automatic composite sampler.

Quarterly Sludge Project data for the North City Water Reclamation Plant and the South Bay Water Reclamation Plant are reported in the Pre-treatment monitoring sections of the Annuals submitted under separate cover for each of these facilities.

* pH, Grease & Oils, temperature, and conductivity are determined from grab samples.

Abbreviations:

PLR	Pt Loma WWTP influent.	RAW COMP	Pt. Loma raw sludge composite
PLE	Pt Loma WWTP effluent.	DIG COMP	Pt. Loma digested sludge composite
MBCDEWCN	MBC dewatered sludge from centrifuges.	MBC_COMBCN	MBC combined centrate from dewatering centrifuges.
MBC_NC_RSL	NCWRP to MBC raw sludge line	MBC_NC_DSL	MBC digested sludge line

A. Point Loma Treatment Plant and Metro Biosolids Center Sources

POINT LOMA WASTEWATER TREATMENT PLANT / METROBIOSOLIDS CENTER
SLUDGE PROJECT - ANNUAL SUMMARY

Physical/Aggregate Properties Report
From: 01-JAN-2007 to 31-DEC-2007

Analyte	MDL Units	PLR			
		GRAB 14-FEB-2007	GRAB 09-MAY-2007	GRAB 08-AUG-2007	GRAB 03-OCT-2007
Conductivity	10 umhos/cm	NR	NR	NR	NR
HEM (Grease & Oil)	1.4 mg/L	42.0	49.0	38.9	40.6
Total Suspended Solids	1.6 mg/L	NR	NR	NR	NR
Volatile Suspended Solids	1.6 mg/L	NR	NR	NR	NR
Total Alkalinity (bicarbonate)	20 mg/L	NR	NR	NR	NR
Total Solids	100 mg/L	NR	NR	NR	NR
Total Solids	Wt%	NR	NR	NR	NR
Total Volatile Solids	Wt%	NR	NR	NR	NR
Total Kjeldahl Nitrogen	1.6 mg/L	NR	NR	NR	NR
Total Kjeldahl Nitrogen	.04 Wt%	NR	NR	NR	NR
BOD (Biochemical Oxygen Demand)	2 mg/L	NR	NR	NR	NR
Chemical Oxygen Demand	22 mg/L	NR	NR	NR	NR
pH	pH Units	NR	NR	NR	NR
pH (grab sample)	pH Units	7.47	7.31	7.27	7.25
Ammonia-N	.3 mg/L	NR	NR	NR	NR
Total Volatile Solids	100 mg/L	NR	NR	NR	NR
Turbidity	.13 NTU	NR	127.0	102.0	113.0
Total Dissolved Solids	42 mg/L	NR	NR	NR	NR
MBAS (Surfactants)	.03 mg/L	NR	NR	NR	NR

Analyte	MDL Units	PLR			
		COMPOSITE 13-FEB-2007	COMPOSITE 08-MAY-2007	COMPOSITE 07-AUG-2007	COMPOSITE 02-OCT-2007
Conductivity	10 umhos/cm	2880	2800	2880	2700
HEM (Grease & Oil)	1.4 mg/L	NR	NR	NR	NR
Total Suspended Solids	1.6 mg/L	297	289	344	323
Volatile Suspended Solids	1.6 mg/L	250	242	279	264
Total Alkalinity (bicarbonate)	20 mg/L	277	285	280	292
Total Solids	100 mg/L	1950	2010	2010	1860
Total Solids	Wt%	NR	NR	NR	NR
Total Volatile Solids	Wt%	NR	NR	NR	NR
Total Kjeldahl Nitrogen	1.6 mg/L	61	53	46	49
Total Kjeldahl Nitrogen	.04 Wt%	NR	NR	NR	NR
BOD (Biochemical Oxygen Demand)	2 mg/L	299	318	320	273
Chemical Oxygen Demand	22 mg/L	603	677	472	474
pH	pH Units	NR	NR	NR	NR
pH (grab sample)	pH Units	NR	NR	NR	NR
Ammonia-N	.3 mg/L	31.6	32.7	33.3	32.5
Total Volatile Solids	100 mg/L	490	567	530	493
Turbidity	.13 NTU	138.0	123.0	123.0	129.0
Total Dissolved Solids	42 mg/L	1670	1720	1640	1520
MBAS (Surfactants)	.03 mg/L	7.62	8.99	9.87	11.80

POINT LOMA WASTEWATER TREATMENT PLANT / METROBIOSOLIDS CENTER

SLUDGE PROJECT - ANNUAL SUMMARY

Physical/Aggregate Properties Report

From: 01-JAN-2007 to 31-DEC-2007

Analyte	MDL Units	PLE	PLE	PLE	PLE
		GRAB	GRAB	GRAB	GRAB
		14-FEB-2007	09-MAY-2007	08-AUG-2007	03-OCT-2007
Conductivity	10 umhos/cm	NR	NR	NR	NR
HEM (Grease & Oil)	1.4 mg/L	5.9	6.3	4.7	8.6
Total Suspended Solids	1.6 mg/L	NR	NR	NR	NR
Volatile Suspended Solids	1.6 mg/L	NR	NR	NR	NR
Total Alkalinity (bicarbonate)	20 mg/L	NR	NR	NR	NR
Total Solids	100 mg/L	NR	NR	NR	NR
Total Solids	Wt%	NR	NR	NR	NR
Total Volatile Solids	Wt%	NR	NR	NR	NR
Total Kjeldahl Nitrogen	1.6 mg/L	NR	NR	NR	NR
Total Kjeldahl Nitrogen	.04 Wt%	NR	NR	NR	NR
BOD (Biochemical Oxygen Demand)	2 mg/L	NR	NR	NR	NR
Chemical Oxygen Demand	22 mg/L	NR	NR	NR	NR
pH	pH Units	NR	NR	NR	NR
pH (grab sample)	pH Units	7.28	7.20	7.19	7.09
Ammonia-N	.3 mg/L	NR	NR	NR	NR
Total Volatile Solids	100 mg/L	NR	NR	NR	NR
Turbidity	.13 NTU	NR	30.6	29.4	40.6
Total Dissolved Solids	42 mg/L	NR	NR	NR	NR
MBAS (Surfactants)	.03 mg/L	NR	NR	NR	NR

Analyte	MDL Units	PLE	PLE	PLE	PLE
		COMPOSITE	COMPOSITE	COMPOSITE	COMPOSITE
		13-FEB-2007	08-MAY-2007	07-AUG-2007	02-OCT-2007
Conductivity	10 umhos/cm	2970	2800	2860	2690
HEM (Grease & Oil)	1.4 mg/L	NR	NR	NR	NR
Total Suspended Solids	1.6 mg/L	33	29	32	48
Volatile Suspended Solids	1.6 mg/L	24	22	22	35
Total Alkalinity (bicarbonate)	20 mg/L	256	251	255	276
Total Solids	100 mg/L	1700	1720	1710	1620
Total Solids	Wt%	NR	NR	NR	NR
Total Volatile Solids	Wt%	NR	NR	NR	NR
Total Kjeldahl Nitrogen	1.6 mg/L	39	41	39	39
Total Kjeldahl Nitrogen	.04 Wt%	NR	NR	NR	NR
BOD (Biochemical Oxygen Demand)	2 mg/L	88	113	100	91
Chemical Oxygen Demand	22 mg/L	223	236	214	194
pH	pH Units	NR	NR	NR	NR
pH (grab sample)	pH Units	NR	NR	NR	NR
Ammonia-N	.3 mg/L	31.4	31.4	31.6	31.6
Total Volatile Solids	100 mg/L	289	340	287	300
Turbidity	.13 NTU	42.9	43.7	38.6	47.8
Total Dissolved Solids	42 mg/L	1670	1720	1680	1510
MBAS (Surfactants)	.03 mg/L	7.07	6.69	6.72	6.88

POINT LOMA WASTEWATER TREATMENT PLANT / METROBIOSOLIDS CENTER

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Analyte	MDL	Units	RAW COMP	RAW COMP	RAW COMP	RAW COMP
			COMPOSITE	COMPOSITE	COMPOSITE	COMPOSITE
			13-FEB-2007	08-MAY-2007	07-AUG-2007	02-OCT-2007
Conductivity	10	umhos/cm	NR	NR	NR	NR
HEM (Grease & Oil)	1.4	mg/L	NR	NR	NR	NR
Total Suspended Solids	1.6	mg/L	NR	NR	NR	NR
Volatile Suspended Solids	1.6	mg/L	NR	NR	NR	NR
Total Alkalinity (bicarbonate)	20	mg/L	966	699	756	839
Total Solids	100	mg/L	NR	NR	NR	NR
Total Solids		Wt%	3.25	3.57	3.66	3.80
Total Volatile Solids		Wt%	77	77	76	77
Total Kjeldahl Nitrogen	1.6	mg/L	NR	NR	NR	NR
Total Kjeldahl Nitrogen	.04	Wt%	3.0	3.1	3.3	3.2
BOD (Biochemical Oxygen Demand)	2	mg/L	NR	NR	NR	NR
Chemical Oxygen Demand	22	mg/L	NR	NR	NR	NR
pH		pH Units	6.06	6.54	5.95	5.61
pH (grab sample)		pH Units	NR	NR	NR	NR
Ammonia-N	.3	mg/L	NR	NR	NR	NR
Total Volatile Solids	100	mg/L	NR	NR	NR	NR
Turbidity	.13	NTU	NR	NR	NR	NR
Total Dissolved Solids	42	mg/L	NR	NR	NR	NR
MBAS (Surfactants)	.03	mg/L	NR	NR	NR	NR

Analyte	MDL	Units	DIG COMP	DIG COMP	DIG COMP	DIG COMP
			COMPOSITE	COMPOSITE	COMPOSITE	COMPOSITE
			13-FEB-2007	08-MAY-2007	07-AUG-2007	02-OCT-2007
Conductivity	10	umhos/cm	NR	NR	NR	NR
HEM (Grease & Oil)	1.4	mg/L	NR	NR	NR	NR
Total Suspended Solids	1.6	mg/L	NR	NR	NR	NR
Volatile Suspended Solids	1.6	mg/L	NR	NR	NR	NR
Total Alkalinity (bicarbonate)	20	mg/L	2830	2760	2570	2400
Total Solids	100	mg/L	NR	NR	NR	NR
Total Solids		Wt%	1.94	1.91	2.07	2.08
Total Volatile Solids		Wt%	57	56	76	57
Total Kjeldahl Nitrogen	1.6	mg/L	NR	NR	NR	NR
Total Kjeldahl Nitrogen	.04	Wt%	6.5	6.1	6.7	6.0
BOD (Biochemical Oxygen Demand)	2	mg/L	NR	NR	NR	NR
Chemical Oxygen Demand	22	mg/L	NR	NR	NR	NR
pH		pH Units	7.37	7.53	7.23	7.24
pH (grab sample)		pH Units	NR	NR	NR	NR
Ammonia-N	.3	mg/L	NR	NR	NR	NR
Total Volatile Solids	100	mg/L	NR	NR	NR	NR
Turbidity	.13	NTU	NR	NR	NR	NR
Total Dissolved Solids	42	mg/L	NR	NR	NR	NR
MBAS (Surfactants)	.03	mg/L	NR	NR	NR	NR

POINT LOMA WASTEWATER TREATMENT PLANT / METROBIOSOLIDS CENTER

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Physical/Aggregate Properties Report

From: 01-JAN-2007 to 31-DEC-2007

Analyte	MDL Units	MBC_COMBCN	MBC_COMBCN	MBC_COMBCN	MBC_COMBCN	MBC_COMBCN
		GRAB 14-FEB-2007	GRAB 09-MAY-2007	GRAB 08-AUG-2007	GRAB 03-OCT-2007	COMPOSITE 13-FEB-2007
Conductivity	10 umhos/cm	NR	NR	NR	NR	5100
HEM (Grease & Oil)	1.4 mg/L	33.4	28.2	18.8	5.4	NR
Total Suspended Solids	1.6 mg/L	NR	NR	NR	NR	970
Volatile Suspended Solids	1.6 mg/L	NR	NR	NR	NR	675
Total Alkalinity (bicarbonate)	20 mg/L	NR	NR	NR	NR	1580
Total Solids	Wt%	NR	NR	NR	NR	0.32
Total Volatile Solids	Wt%	NR	NR	NR	NR	44
Total Kjeldahl Nitrogen	1.6 mg/L	NR	NR	NR	NR	442
Total Kjeldahl Nitrogen	.04 Wt%	NR	NR	NR	NR	NR
BOD (Biochemical Oxygen Demand)	2 mg/L	NR	NR	NR	NR	395
Chemical Oxygen Demand	22 mg/L	NR	NR	NR	NR	657
pH	.08 pH Units	NR	NR	NR	NR	7.88
pH (grab sample)	pH Units	7.71	7.71	7.77	7.68	NR
Ammonia-N	.3 mg/L	NR	NR	NR	NR	360.0

Analyte	MDL Units	MBC_COMBCN	MBC_COMBCN	MBC_COMBCN	MBCDEWCN	MBCDEWCN
		COMPOSITE 08-MAY-2007	COMPOSITE 07-AUG-2007	COMPOSITE 02-OCT-2007	COMPOSITE 28-FEB-2007	COMPOSITE 31-MAY-2007
Conductivity	10 umhos/cm	4670	4710	4510	NR	NR
HEM (Grease & Oil)	1.4 mg/L	NR	NR	NR	NR	NR
Total Suspended Solids	1.6 mg/L	835	545	1380	NR	NR
Volatile Suspended Solids	1.6 mg/L	580	410	795	NR	NR
Total Alkalinity (bicarbonate)	20 mg/L	1070	1460	1090	NR	NR
Total Solids	Wt%	0.30	0.30	0.35	27.80	27.70
Total Volatile Solids	Wt%	44	37	40	57	58
Total Kjeldahl Nitrogen	1.6 mg/L	411	367	360	NR	NR
Total Kjeldahl Nitrogen	.04 Wt%	NR	NR	NR	4.5	4.7
BOD (Biochemical Oxygen Demand)	2 mg/L	365	395	NR	NR	NR
Chemical Oxygen Demand	22 mg/L	933	990	1960	NR	NR
pH	.08 pH Units	7.83	7.87	7.92	7.80	7.77
pH (grab sample)	pH Units	NR	NR	NR	NR	NR
Ammonia-N	.3 mg/L	327.0	357.0	305.0	NR	NR

POINT LOMA WASTEWATER TREATMENT PLANT / METROBIOSOLIDS CENTER

SLUDGE PROJECT - ANNUAL SUMMARY

Physical/Aggregate Properties Report

From: 01-JAN-2007 to 31-DEC-2007

Analyte	MDL Units	MBCDEWCN	MBCDEWCN	MBC_NC_DSL	MBC_NC_DSL	MBC_NC_DSL
		COMPOSITE	COMPOSITE	COMPOSITE	COMPOSITE	COMPOSITE
		31-AUG-2007	31-OCT-2007	13-FEB-2007	08-MAY-2007	07-AUG-2007
Conductivity	10 umhos/cm	NR	NR	NR	NR	NR
HEM (Grease & Oil)	1.4 mg/L	NR	NR	NR	NR	NR
Total Suspended Solids	1.6 mg/L	NR	NR	NR	NR	NR
Volatile Suspended Solids	1.6 mg/L	NR	NR	NR	NR	NR
Total Alkalinity (bicarbonate)	20 mg/L	NR	NR	2320	2600	2300
Total Solids	Wt%	27.00	27.30	2.10	2.35	2.36
Total Volatile Solids	Wt%	57	57	69	68	64
Total Kjeldahl Nitrogen	1.6 mg/L	NR	NR	1730	1810	1710
Total Kjeldahl Nitrogen	.04 Wt%	4.3	4.4	NR	NR	NR
BOD (Biochemical Oxygen Demand)	2 mg/L	NR	NR	NR	NR	NR
Chemical Oxygen Demand	22 mg/L	NR	NR	NR	NR	NR
pH	.08 pH Units	7.73	7.85	7.40	7.20	7.22
pH (grab sample)	pH Units	NR	NR	NR	NR	NR
Ammonia-N	.3 mg/L	NR	NR	NR	NR	NR

Analyte	MDL Units	MBC_NC_DSL	MBC_NC_RSL	MBC_NC_RSL	MBC_NC_RSL	MBC_NC_RSL
		COMPOSITE	COMPOSITE	COMPOSITE	COMPOSITE	COMPOSITE
		02-OCT-2007	13-FEB-2007	08-MAY-2007	07-AUG-2007	02-OCT-2007
Conductivity	10 umhos/cm	NR	NR	NR	NR	NR
HEM (Grease & Oil)	1.4 mg/L	NR	NR	NR	NR	NR
Total Suspended Solids	1.6 mg/L	NR	5120	6760	5040	5100
Volatile Suspended Solids	1.6 mg/L	NR	4320	5640	4120	4250
Total Alkalinity (bicarbonate)	20 mg/L	2550	240	217	264	288
Total Solids	Wt%	2.33	0.58	0.66	0.55	0.67
Total Volatile Solids	Wt%	65	73	74	70	73
Total Kjeldahl Nitrogen	1.6 mg/L	1710	257	182	94	170
Total Kjeldahl Nitrogen	.04 Wt%	NR	NR	NR	NR	NR
BOD (Biochemical Oxygen Demand)	2 mg/L	NR	NR	NR	NR	NR
Chemical Oxygen Demand	22 mg/L	NR	NR	NR	NR	NR
pH	.08 pH Units	7.35	6.87	7.05	6.55	6.75
pH (grab sample)	pH Units	NR	NR	NR	NR	NR
Ammonia-N	.3 mg/L	NR	NR	NR	NR	NR

POINT LOMA WASTEWATER TREATMENT PLANT / METROBIOSOLIDS CENTER
SLUDGE PROJECT - ANNUAL SUMMARY

Metals and Ions

From: 01-JAN-2007 to 31-DEC-2007

Source:		PLE	PLE	PLE	PLE	PLR	PLR
Date:		13-FEB-2007	08-MAY-2007	07-AUG-2007	02-OCT-2007	13-FEB-2007	08-MAY-2007
Sample ID:	MDL Units	P370589	P380432	P392059	P399261	P370594	P380437
=====							
Aluminum	47 UG/L	ND	164	317	216	273	958
Antimony	2.9 UG/L	ND	ND	ND	ND	ND	ND
Arsenic	.4 UG/L	0.48	0.55	0.70	0.73	0.83	0.92
Barium	.039 UG/L	40	35	30	35	72	102
Beryllium	.022 UG/L	ND	ND	ND	ND	ND	ND
Boron	1.7 UG/L	463	428	431	417	422	402
Cadmium	.53 UG/L	ND	ND	ND	ND	ND	ND
Chromium	1.2 UG/L	1.8	ND	ND	ND	4.2	6.6
Cobalt	.85 UG/L	ND	ND	1.0	ND	ND	ND
Copper	.63 UG/L	16	9	10	18	32	79
Iron	37 UG/L	4650	3950	3660	5040	5050	7720
Lead	2 UG/L	ND	ND	ND	ND	ND	ND
Manganese	.24 UG/L	155	117	129	127	124	107
Mercury	.09 UG/L	ND	ND	ND	ND	ND	0.27
Molybdenum	.89 UG/L	11.1	12.2	9.9	8.6	9.2	14.3
Nickel	.53 UG/L	10	7	8	7	9	11
Selenium	.28 UG/L	1.40	1.05	1.28	1.03	1.58	2.05
Silver	.4 UG/L	ND	ND	ND	ND	ND	2.6
Thallium	3.9 UG/L	ND	ND	ND	ND	ND	ND
Vanadium	.64 UG/L	ND	ND	ND	ND	ND	1.9
Zinc	.41 UG/L	21	13	20	24	82	140
Bromide	.1 MG/L	1.50	1.49	1.55	1.42	1.47	1.49
Chloride	7 MG/L	590	562	607	570	565	551
Fluoride	.05 MG/L	0.78	0.64	0.74	0.67	0.70	0.62
Nitrate	.04 MG/L	0.78	ND	0.47	0.31	ND	ND
Ortho Phosphate	.2 MG/L	ND	1.48	2.33	2.57	5.54	4.60
Sulfate	9 MG/L	260	244	228	220	260	252
Calcium	.04 MG/L	80	80	77	75	83	80
Lithium	.002 MG/L	0.05	0.05	0.05	0.05	0.05	0.04
Magnesium	.1 MG/L	52	50	51	49	54	50
Potassium	.3 MG/L	24	26	26	26	25	25
Sodium	1 MG/L	342	341	364	344	344	342
Calcium Hardness	.1 MG/L	199	200	192	188	208	200
Magnesium Hardness	.4 MG/L	212	207	212	204	222	207
Total Hardness	.4 MG/L	411	406	404	392	430	407
Cyanides, Total	.002 MG/L	0.002	ND	ND	<0.002	ND	ND
Sulfides-Total	.18 MG/L	ND	ND	ND	0.20	5.31	1.54
Sulfides-Reactive	11 MG/KG	NA	NA	NA	NA	NA	NA
Total Kjeldahl Nitrogen	1.6 MG/L	38.5	41.2	39.4	39.3	61.1	52.5

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

MBC_COMBCN = Combined Sludge Centrate
MBC_NC_DSL = Combined North City Digested Sludge Line
MBC_NC_RSL = Combined North City Raw Sludge Line

POINT LOMA WASTEWATER TREATMENT PLANT / METROBIOSOLIDS CENTER
SLUDGE PROJECT - ANNUAL SUMMARY

Metals and Ions

From: 01-JAN-2007 to 31-DEC-2007

Source:		PLR	PLR	MBC_COMBCN	MBC_COMBCN	MBC_COMBCN	MBC_COMBCN
Date:		07-AUG-2007	02-OCT-2007	13-FEB-2007	08-MAY-2007	07-AUG-2007	02-OCT-2007
Sample ID:	MDL Units	P392064	P399266	P370604	P380447	P392074	P399276
=====	=====	=====	=====	=====	=====	=====	=====
Aluminum	47 UG/L	1270	1130	4110	3400	2170	3830
Antimony	2.9 UG/L	ND	ND	ND	ND	ND	ND
Arsenic	.4 UG/L	1.23	1.51	5.06	3.99	4.03	5.22
Barium	.039 UG/L	108	107	308	297	174	335
Beryllium	.022 UG/L	ND	ND	0.17	0.20	ND	ND
Boron	1.7 UG/L	449	392	392	400	422	401
Cadmium	.53 UG/L	0.6	ND	1.6	1.4	ND	1.2
Chromium	1.2 UG/L	5.7	6.6	37.3	31.7	13.6	29.2
Cobalt	.85 UG/L	ND	1.0	3.7	5.8	3.0	3.2
Copper	.63 UG/L	112	117	356	330	150	382
Iron	37 UG/L	9080	11700	61300	50800	35900	62500
Lead	2 UG/L	ND	4	5	8	6	8
Manganese	.24 UG/L	122	118	410	345	474	409
Mercury	.09 UG/L	0.22	0.60	0.50	0.43	0.21	1.39
Molybdenum	.89 UG/L	14.3	10.4	11.4	11.3	8.5	15.7
Nickel	.53 UG/L	15	13	52	44	31	47
Selenium	.28 UG/L	2.12	2.07	4.89	4.36	3.16	5.32
Silver	.4 UG/L	2.4	1.7	7.2	5.9	1.7	7.8
Thallium	3.9 UG/L	ND	ND	ND	ND	ND	ND
Vanadium	.64 UG/L	4.3	1.8	12.9	6.0	1.9	5.4
Zinc	.41 UG/L	172	180	499	465	217	533
Bromide	.1 MG/L	1.53	1.41	1.17	1.05	1.14	1.03
Chloride	7 MG/L	592	552	697	656	760	699
Fluoride	.05 MG/L	0.83	0.66	ND	0.29	0.27	0.25
Nitrate	.04 MG/L	ND	0.24	0.25	0.97	0.41	2.43
Ortho Phosphate	.2 MG/L	0.99	5.82	1.45	ND	3.70	1.49
Sulfate	9 MG/L	234	225	81	87	52	67
Calcium	.04 MG/L	76	75	59	129	141	141
Lithium	.002 MG/L	0.05	0.06	0.04	0.05	0.04	0.05
Magnesium	.1 MG/L	50	49	52	50	54	55
Potassium	.3 MG/L	26	26	45	44	43	43
Sodium	1 MG/L	353	340	267	264	277	290
Calcium Hardness	.1 MG/L	190	188	147	323	352	351
Magnesium Hardness	.4 MG/L	207	201	215	208	222	226
Total Hardness	.4 MG/L	398	389	362	531	574	577
Cyanides, Total	.002 MG/L	ND	ND	0.006	0.005	0.004	0.003
Sulfides-Total	.18 MG/L	1.77	3.64	6.37	4.30	2.60	11.60
Sulfides-Reactive	11 MG/KG	NA	NA	NA	NA	NA	NA
Total Kjeldahl Nitrogen	1.6 MG/L	45.7	49.2	442.0	411.0	367.0	360.0

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MBC_NC_DSL = Combined North City Digested Sludge Line
MBC_NC_RSL = Combined North City Raw Sludge Line

POINT LOMA WASTEWATER TREATMENT PLANT / METROBIOSOLIDS CENTER
SLUDGE PROJECT - ANNUAL SUMMARY

Metals and Ions

From: 01-JAN-2007 to 31-DEC-2007

Source:		MBC_NC_DSL	MBC_NC_DSL	MBC_NC_DSL	MBC_NC_DSL	MBC_NC_RSL	MBC_NC_RSL
Date:		13-FEB-2007	08-MAY-2007	07-AUG-2007	02-OCT-2007	13-FEB-2007	08-MAY-2007
Sample ID:	MDL Units	P370659	P380502	P392128	P399330	P370657	P380500
=====	=====	=====	=====	=====	=====	=====	=====
Aluminum	47 UG/L	183000	124000	70400	117000	22000	13800
Antimony	2.9 UG/L	78	60	49	72	6	19
Arsenic	.4 UG/L	83.60	129.00	154.00	157.00	13.10	13.20
Barium	.039 UG/L	7120	6740	3170	5260	995	832
Beryllium	.022 UG/L	9.42	7.14	2.52	2.27	0.64	0.69
Boron	1.7 UG/L	902	688	488	658	507	410
Cadmium	.53 UG/L	26.7	40.0	8.9	15.2	8.0	3.2
Chromium	1.2 UG/L	1260.0	1130.0	408.0	607.0	129.0	75.2
Cobalt	.85 UG/L	77.6	111.0	23.0	44.9	ND	6.3
Copper	.63 UG/L	15200	11900	5190	8410	1820	1110
Iron	37 UG/L	1460000	978000	467000	840000	113000	99100
Lead	2 UG/L	191	131	73	48	19	14
Manganese	.24 UG/L	7350	4600	3110	4120	943	652
Mercury	.09 UG/L	20.90	20.40	26.30	20.40	5.74	2.14
Molybdenum	.89 UG/L	406.0	245.0	144.0	257.0	43.7	29.8
Nickel	.53 UG/L	1140	919	426	1020	96	55
Selenium	.28 UG/L	115.00	132.00	190.00	165.00	12.80	13.30
Silver	.4 UG/L	355.0	235.0	1.6	170.0	42.3	26.1
Thallium	3.9 UG/L	ND	23	11	ND	ND	ND
Vanadium	.64 UG/L	515.0	115.0	81.6	62.5	24.7	9.9
Zinc	.41 UG/L	14700	11400	5260	8140	1860	1220
Bromide	.1 MG/L	0.70	0.75	0.80	0.71	0.57	0.59
Chloride	7 MG/L	996	969	920	1050	352	392
Fluoride	.05 MG/L	ND	0.28	0.30	0.28	0.32	0.30
Nitrate	.04 MG/L	0.30	0.68	0.52	0.38	0.32	0.76
Ortho Phosphate	.2 MG/L	ND	ND	1.33	ND	22.40	6.71
Sulfate	9 MG/L	30	39	33	27	139	134
Calcium	.04 MG/L	124	130	84	157	75	72
Lithium	.002 MG/L	0.04	0.04	0.03	0.06	0.05	0.04
Magnesium	.1 MG/L	38	47	34	61	48	35
Potassium	.3 MG/L	51	51	34	63	27	26
Sodium	1 MG/L	160	172	141	226	165	172
Calcium Hardness	.1 MG/L	NA	NA	NA	NA	NA	NA
Magnesium Hardness	.4 MG/L	NA	NA	NA	NA	NA	NA
Total Hardness	.4 MG/L	NA	NA	NA	NA	NA	NA
Cyanides, Total	.002 MG/L	0.029	0.018	0.016	0.015	0.005	ND
Sulfides-Total	.18 MG/L	301.00	370.00	483.00	581.00	38.00	17.50
Sulfides-Reactive	11 MG/KG	80	NA	110	127	ND	NA
Total Kjeldahl Nitrogen	1.6 MG/L	1730.0	1810.0	1710.0	1710.0	257.0	182.0

ND= Not Detected
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NR= Not Required

MBC_COMBCN = Combined Sludge Centrate
MBC_NC_DSL = Combined North City Digested Sludge Line
MBC_NC_RSL = Combined North City Raw Sludge Line

POINT LOMA WASTEWATER TREATMENT PLANT / METROBIOSOLIDS CENTER
SLUDGE PROJECT - ANNUAL SUMMARY

Metals and Ions

From: 01-JAN-2007 to 31-DEC-2007

Source:			MBC_NC_RSL	MBC_NC_RSL
Date:			07-AUG-2007	02-OCT-2007
Sample ID:	MDL Units		P392126	P399328
=====	=====	=====	=====	=====
Aluminum	47 UG/L		28700	18800
Antimony	2.9 UG/L		ND	ND
Arsenic	.4 UG/L		23.80	14.50
Barium	.039 UG/L		1300	803
Beryllium	.022 UG/L		ND	ND
Boron	1.7 UG/L		460	388
Cadmium	.53 UG/L		3.2	ND
Chromium	1.2 UG/L		115.0	85.4
Cobalt	.85 UG/L		8.2	9.0
Copper	.63 UG/L		2370	1270
Iron	37 UG/L		145000	122000
Lead	2 UG/L		66	6
Manganese	.24 UG/L		1520	1160
Mercury	.09 UG/L		2.79	1.51
Molybdenum	.89 UG/L		60.7	32.9
Nickel	.53 UG/L		140	77
Selenium	.28 UG/L		23.00	10.60
Silver	.4 UG/L		57.7	26.8
Thallium	3.9 UG/L		26	17
Vanadium	.64 UG/L		24.6	7.2
Zinc	.41 UG/L		2120	1250
Bromide	.1 MG/L		0.55	0.57
Chloride	7 MG/L		394	424
Fluoride	.05 MG/L		0.30	0.21
Nitrate	.04 MG/L		0.41	0.45
Ortho Phosphate	.2 MG/L		37.00	3.00
Sulfate	9 MG/L		61	68
Calcium	.04 MG/L		76	93
Lithium	.002 MG/L		0.04	0.05
Magnesium	.1 MG/L		36	38
Potassium	.3 MG/L		26	28
Sodium	1 MG/L		177	199
Calcium Hardness	.1 MG/L		NA	NA
Magnesium Hardness	.4 MG/L		NA	NA
Total Hardness	.4 MG/L		NA	NA
Cyanides, Total	.002 MG/L		ND	0.002
Sulfides-Total	.18 MG/L		38.70	30.40
Sulfides-Reactive	11 MG/KG		18	19
Total Kjeldahl Nitrogen	1.6 MG/L		94.1	170.0

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 MBC_NC_RSL = Combined North City Raw Sludge Line

POINT LOMA WASTEWATER TREATMENT PLANT / METROBIOSOLIDS CENTER
SLUDGE PROJECT - ANNUAL SUMMARY

Metals and Ions

From: 01-JAN-2007 to 31-DEC-2007

Source:		RAW COMP	RAW COMP	RAW COMP	RAW COMP
Date:		13-FEB-2007	08-MAY-2007	07-AUG-2007	02-OCT-2007
Sample ID:	MDL Units	P370629	P380472	P392099	P399301
=====	=====	=====	=====	=====	=====
Aluminum	1.32 MG/KG	3370	3300	3510	3450
Antimony	.45 MG/KG	3	3	3	16
Arsenic	.68 MG/KG	1.27	ND	1.10	1.01
Barium	.0063 MG/KG	259	270	269	239
Beryllium	.0039 MG/KG	0.3	0.1	<0.0	<0.0
Boron	.27 MG/KG	14	17	59	19
Cadmium	.018 MG/KG	0.66	0.94	0.99	1.18
Chromium	.083 MG/KG	36	23	29	30
Cobalt	.083 MG/KG	1.7	0.7	0.4	ND
Copper	.055 MG/KG	304	298	336	365
Iron	2 MG/KG	45100	46400	51700	53200
Lead	.6 MG/KG	10.8	8.0	9.9	14.9
Manganese	.012 MG/KG	123	117	124	122
Mercury	.4 MG/KG	ND	ND	0.60	0.48
Molybdenum	.14 MG/KG	6.6	9.5	10.4	9.7
Nickel	.063 MG/KG	29	14	18	29
Selenium	.47 MG/KG	2.19	1.90	1.65	1.80
Silver	.06 MG/KG	4.5	7.3	7.1	4.9
Thallium	.77 MG/KG	ND	ND	ND	ND
Vanadium	.064 MG/KG	7.4	7.2	10.6	7.7
Zinc	.12 MG/KG	492	463	479	459
Bromide	3 MG/KG	45.5	42.3	45.9	33.4
Chloride	180 MG/KG	25300	20900	22500	22200
Fluoride	1.3 MG/KG	ND	ND	ND	ND
Nitrate	1 MG/KG	ND	14.20	15.30	8.51
Ortho Phosphate	4 MG/KG	71.6	ND	ND	334.0
Sulfate	220 MG/KG	1300	865	814	695
Cyanides, Total	.1 MG/KG	ND	1.42	1.35	2.01
Cyanide, Releaseable	.018 MG/KG	ND	ND	ND	ND
Sulfides-Total	2170 MG/KG	18300	15600	17600	22900
Sulfides-Reactive	11 MG/KG	49	NA	128	139
Total Kjeldahl Nitrogen	.04 WT%	3.00	3.10	3.32	3.19

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MBCDEWCN = MBC Dewatered Sludge Composite

POINT LOMA WASTEWATER TREATMENT PLANT / METROBIOSOLIDS CENTER
SLUDGE PROJECT - ANNUAL SUMMARY

Metals and Ions

From: 01-JAN-2007 to 31-DEC-2007

Source:		DIG COMP	DIG COMP	DIG COMP	DIG COMP
Date:		13-FEB-2007	08-MAY-2007	07-AUG-2007	02-OCT-2007
Sample ID:	MDL Units	P370643	P380486	P392113	P399315
=====	=====	=====	=====	=====	=====
Aluminum	1.32 MG/KG	5890	6260	5670	4700
Antimony	.45 MG/KG	5	4	4	16
Arsenic	.68 MG/KG	2.60	2.99	2.11	2.26
Barium	.0063 MG/KG	395	473	419	228
Beryllium	.0039 MG/KG	0.3	0.2	0.3	<0.0
Boron	.27 MG/KG	29	32	27	28
Cadmium	.018 MG/KG	1.21	2.86	1.48	1.49
Chromium	.083 MG/KG	60	60	62	51
Cobalt	.083 MG/KG	2.7	4.1	1.6	ND
Copper	.055 MG/KG	532	547	579	542
Iron	2 MG/KG	76800	80700	94400	87200
Lead	.6 MG/KG	18.2	13.9	19.0	16.9
Manganese	.012 MG/KG	206	222	244	183
Mercury	.4 MG/KG	<0.40	ND	1.19	0.54
Molybdenum	.14 MG/KG	12.2	14.4	22.0	17.5
Nickel	.063 MG/KG	53	52	57	41
Selenium	.47 MG/KG	4.13	4.29	4.85	4.38
Silver	.06 MG/KG	5.6	11.7	9.6	8.6
Thallium	.77 MG/KG	ND	ND	ND	ND
Vanadium	.064 MG/KG	24.9	16.8	17.3	13.4
Zinc	.12 MG/KG	768	818	816	693
Bromide	3 MG/KG	91.8	89.3	86.7	76.2
Chloride	180 MG/KG	41600	39800	44000	42300
Fluoride	1.3 MG/KG	ND	ND	14.6	11.3
Nitrate	1 MG/KG	22.00	27.30	21.70	21.90
Ortho Phosphate	4 MG/KG	290.0	394.0	128.0	121.0
Sulfate	220 MG/KG	1300	1570	1360	1200
Cyanides, Total	.1 MG/KG	ND	4.82	6.18	7.78
Cyanide, Releaseable	.018 MG/KG	ND	ND	ND	ND
Sulfides-Total	2170 MG/KG	29000	33400	35800	45500
Sulfides-Reactive	11 MG/KG	92	NA	138	143
Total Kjeldahl Nitrogen	.04 WT%	6.48	6.06	6.73	5.96

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POINT LOMA WASTEWATER TREATMENT PLANT / METROBIOSOLIDS CENTER
SLUDGE PROJECT - ANNUAL SUMMARY

Metals and Ions

From: 01-JAN-2007 to 31-DEC-2007

Source:		MBCDEWCN	MBCDEWCN	MBCDEWCN	MBCDEWCN
Date:		28-FEB-2007	31-MAY-2007	31-AUG-2007	31-OCT-2007
Sample ID:	MDL Units	P375281	P386675	P397589	P405179
=====	=====	=====	=====	=====	=====
Aluminum	1.32 MG/KG	6600	6980	6880	5860
Antimony	.45 MG/KG	5	5	4	16
Arsenic	.68 MG/KG	3.71	3.42	2.55	3.27
Barium	.0063 MG/KG	453	415	459	169
Beryllium	.0039 MG/KG	0.3	0.2	0.3	0.1
Boron	.27 MG/KG	13	14	13	15
Cadmium	.018 MG/KG	1.31	2.61	1.59	1.80
Chromium	.083 MG/KG	66	64	69	71
Cobalt	.083 MG/KG	2.5	3.8	2.2	0.4
Copper	.055 MG/KG	610	616	664	727
Iron	2 MG/KG	89700	93000	108000	107000
Lead	.6 MG/KG	20.0	15.4	19.0	19.9
Manganese	.012 MG/KG	255	272	308	254
Mercury	.4 MG/KG	<0.40	1.58	1.55	1.68
Molybdenum	.14 MG/KG	14.0	16.6	23.8	20.1
Nickel	.063 MG/KG	55	51	61	53
Selenium	.47 MG/KG	5.23	4.95	4.33	5.17
Silver	.06 MG/KG	14.6	13.1	10.7	9.1
Thallium	.77 MG/KG	ND	ND	ND	ND
Vanadium	.064 MG/KG	31.2	16.8	19.4	15.4
Zinc	.12 MG/KG	806	851	887	793
Bromide	3 MG/KG	NA	NA	NA	NA
Chloride	180 MG/KG	NA	NA	NA	NA
Fluoride	1.3 MG/KG	NA	NA	NA	NA
Nitrate	1 MG/KG	NA	NA	NA	NA
Ortho Phosphate	4 MG/KG	NA	NA	NA	NA
Sulfate	220 MG/KG	NA	NA	NA	NA
Cyanides, Total	.1 MG/KG	NA	0.33	9.51	3.66
Cyanide, Releaseable	.018 MG/KG	ND	ND	ND	ND
Sulfides-Total	2170 MG/KG	15100	15200	19600	23400
Sulfides-Reactive	11 MG/KG	ND	ND	ND	ND
Total Kjeldahl Nitrogen	.04 WT%	4.54	4.70	4.26	4.42

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POINT LOMA WASTEWATER TREATMENT PLANT / METROBIOSOLIDS CENTER
 SLUDGE PROJECT - ANNUAL SUMMARY

Radioactivity

From: 01-JAN-2007 to 31-DEC-2007

Source	Sample Date	Sample ID	Gross Alpha Radiation	Gross Beta Radiation
PLE	13-FEB-2007	P370589	1.5±1.0	23.9±5.2
PLE	08-MAY-2007	P380432	1.1±0.9	29.8±6.4
PLE	07-AUG-2007	P392059	1.4±1.0	27.5±7.8
PLE	02-OCT-2007	P399261	0.2±0.5	28.0±7.2
PLR	13-FEB-2007	P370594	4.1±1.6	27.0±5.8
PLR	08-MAY-2007	P380437	3.8±1.8	26.9±6.7
PLR	07-AUG-2007	P392064	3.2±1.6	26.9±6.5
PLR	02-OCT-2007	P399266	3.2±1.6	34.6±8.9
MBC_COMBCN	13-FEB-2007	P370604	4.2±3.5	51.1±7.3
MBC_COMBCN	08-MAY-2007	P380447	1.6±1.5	85.3±58.6
MBC_COMBCN	07-AUG-2007	P392074	1.2±1.0	54.0±10.1
MBC_COMBCN	02-OCT-2007	P399276	2.6±1.8	49.1±10.1

Source	Sample Date	Sample ID	Gross Alpha Radiation	Gross Beta Radiation
MBCDEWCN	28-FEB-2007	P375281	6000±5550	10600±2405
MBCDEWCN	31-MAY-2007	P386675	4220±4460	10200±2610
MBCDEWCN	31-AUG-2007	P397589	3440±4880	16700±4000
MBCDEWCN	31-OCT-2007	P405179	4420±5610	11600±3010

Units in picocuries per Kilogram (pCi/Kg)

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POINT LOMA WASTEWATER TREATMENT PLANT / METROBIOSOLIDS CENTER
SLUDGE PROJECT - ANNUAL SUMMARY

Chlorinated Pesticide Analysis, EPA Method 608 (with additions)

From 01-JAN-2007 To 31-DEC-2007

Analyte	MDL	Units	PLE	PLE	PLE	PLE	PLR	PLR
			13-FEB-2007 P370589	08-MAY-2007 P380432	07-AUG-2007 P392059	02-OCT-2007 P399261	13-FEB-2007 P370594	08-MAY-2007 P380437
Aldrin	60	NG/L	ND	ND	ND	ND	ND	ND
BHC, Alpha isomer	20	NG/L	ND	ND	ND	ND	ND	ND
BHC, Beta isomer	20	NG/L	ND	ND	ND	ND	ND	ND
BHC, Delta isomer	20	NG/L	ND	ND	ND	ND	ND	ND
BHC, Gamma isomer	10	NG/L	ND	ND	ND	ND	ND	ND
Alpha (cis) Chlordane	30	NG/L	ND	ND	ND	ND	ND	ND
Gamma (trans) Chlordane	80	NG/L	ND	ND	ND	ND	ND	ND
Alpha Chlordene		NG/L	NA	NA	NA	NA	NA	NA
Gamma Chlordene		NG/L	NA	NA	NA	NA	NA	NA
Cis Nonachlor	20	NG/L	ND	ND	ND	ND	ND	ND
Dieldrin	50	NG/L	ND	ND	ND	ND	ND	ND
Endosulfan Sulfate	20	NG/L	ND	ND	ND	ND	ND	ND
Alpha Endosulfan	30	NG/L	ND	ND	ND	ND	ND	ND
Beta Endosulfan	20	NG/L	ND	ND	ND	ND	ND	ND
Endrin	50	NG/L	ND	ND	ND	ND	ND	ND
Endrin aldehyde	20	NG/L	ND	ND	ND	ND	ND	ND
Heptachlor	20	NG/L	ND	ND	ND	ND	ND	ND
Heptachlor epoxide	20	NG/L	ND	ND	ND	ND	ND	ND
Methoxychlor	60	NG/L	ND	ND	ND	ND	ND	ND
Mirex	20	NG/L	ND	ND	ND	ND	ND	ND
o,p-DDD	20	NG/L	ND	ND	ND	ND	ND	ND
o,p-DDE	100	NG/L	ND	ND	ND	ND	ND	ND
o,p-DDT	20	NG/L	ND	ND	ND	ND	ND	ND
Oxychlordane	20	NG/L	ND	ND	ND	ND	ND	ND
PCB 1016	4000	NG/L	ND	ND	ND	ND	ND	ND
PCB 1221	4000	NG/L	ND	ND	ND	ND	ND	ND
PCB 1232	4000	NG/L	ND	ND	ND	ND	ND	ND
PCB 1242	4000	NG/L	ND	ND	ND	ND	ND	ND
PCB 1248	2000	NG/L	ND	ND	ND	ND	ND	ND
PCB 1254	2000	NG/L	ND	ND	ND	ND	ND	ND
PCB 1260	2000	NG/L	ND	ND	ND	ND	ND	ND
PCB 1262	2000	NG/L	ND	ND	ND	ND	ND	ND
p,p-DDD	20	NG/L	ND	ND	ND	ND	ND	ND
p,p-DDE	20	NG/L	ND	8.0	ND	ND	ND	24.0
p,p-DDT	50	NG/L	ND	ND	ND	ND	ND	ND
Toxaphene	4000	NG/L	ND	ND	ND	ND	ND	ND
Trans Nonachlor	20	NG/L	ND	ND	ND	ND	ND	ND
Heptachlors	20	NG/L	0.0	0.0	0.0	0.0	0.0	0.0
Endosulfans	30	NG/L	0.0	0.0	0.0	0.0	0.0	0.0
Polychlorinated biphenyls	4000	NG/L	0.0	0.0	0.0	0.0	0.0	0.0
Chlordane + related cmpds.	80	NG/L	0.0	0.0	0.0	0.0	0.0	0.0
DDT and derivatives	100	NG/L	0.0	8.0	0.0	0.0	0.0	24.0
Hexachlorocyclohexanes	20	NG/L	0.0	0.0	0.0	0.0	0.0	0.0
Aldrin + Dieldrin	60	NG/L	0.0	0.0	0.0	0.0	0.0	0.0
Chlorinated Hydrocarbons	4000	NG/L	0.0	8.0	0.0	0.0	0.0	24.0

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

POINT LOMA WASTEWATER TREATMENT PLANT / METROBIOSOLIDS CENTER
 SLUDGE PROJECT - ANNUAL SUMMARY

Chlorinated Pesticide Analysis, EPA Method 608 (with additions)

From 01-JAN-2007 To 31-DEC-2007

Analyte	MDL	Units	PLR	PLR	MBC_COMBCN	MBC_COMBCN	MBC_COMBCN	MBC_COMBCN
			07-AUG-2007	02-OCT-2007	13-FEB-2007	08-MAY-2007	07-AUG-2007	02-OCT-2007
			P392064	P399266	P370604	P380447	P392074	P399276
Aldrin	60	NG/L	ND	ND	ND	ND	ND	ND
BHC, Alpha isomer	20	NG/L	ND	ND	ND	ND	ND	ND
BHC, Beta isomer	20	NG/L	ND	ND	ND	ND	ND	ND
BHC, Delta isomer	20	NG/L	ND	ND	ND	ND	ND	ND
BHC, Gamma isomer	10	NG/L	ND	ND	ND	ND	ND	ND
Alpha (cis) Chlordane	30	NG/L	ND	16.0	ND	ND	ND	ND
Gamma (trans) Chlordane	80	NG/L	ND	19.0	ND	ND	ND	ND
Alpha Chlordene		NG/L	NA	NA	NA	NA	NA	NA
Gamma Chlordene		NG/L	NA	NA	NA	NA	NA	NA
Cis Nonachlor	20	NG/L	ND	ND	ND	ND	ND	ND
Dieldrin	50	NG/L	ND	ND	ND	ND	ND	ND
Endosulfan Sulfate	20	NG/L	ND	ND	ND	ND	ND	ND
Alpha Endosulfan	30	NG/L	ND	ND	ND	ND	ND	ND
Beta Endosulfan	20	NG/L	ND	ND	ND	ND	ND	ND
Endrin	50	NG/L	ND	ND	ND	ND	ND	ND
Endrin aldehyde	20	NG/L	ND	ND	ND	ND	ND	ND
Heptachlor	20	NG/L	ND	13.0	ND	ND	ND	ND
Heptachlor epoxide	20	NG/L	ND	ND	ND	ND	ND	ND
Methoxychlor	60	NG/L	ND	ND	ND	ND	ND	ND
Mirex	20	NG/L	ND	ND	ND	ND	ND	ND
o,p-DDD	20	NG/L	ND	ND	ND	ND	ND	ND
o,p-DDE	100	NG/L	ND	ND	ND	ND	ND	ND
o,p-DDT	20	NG/L	ND	ND	ND	ND	ND	ND
Oxychlordane	20	NG/L	ND	ND	ND	ND	ND	ND
PCB 1016	4000	NG/L	ND	ND	ND	ND	ND	ND
PCB 1221	4000	NG/L	ND	ND	ND	ND	ND	ND
PCB 1232	4000	NG/L	ND	ND	ND	ND	ND	ND
PCB 1242	4000	NG/L	ND	ND	ND	ND	ND	ND
PCB 1248	2000	NG/L	ND	ND	ND	ND	ND	ND
PCB 1254	2000	NG/L	ND	ND	ND	ND	ND	ND
PCB 1260	2000	NG/L	ND	ND	ND	ND	ND	ND
PCB 1262	2000	NG/L	ND	ND	ND	ND	ND	ND
p,p-DDD	20	NG/L	ND	ND	ND	ND	ND	ND
p,p-DDE	20	NG/L	ND	ND	ND	ND	ND	ND
p,p-DDT	50	NG/L	ND	ND	ND	ND	ND	ND
Toxaphene	4000	NG/L	ND	ND	ND	ND	ND	ND
Trans Nonachlor	20	NG/L	ND	23.0	ND	ND	ND	ND
Heptachlors	20	NG/L	0.0	13.0	0.0	0.0	0.0	0.0
Endosulfans	30	NG/L	0.0	0.0	0.0	0.0	0.0	0.0
Polychlorinated biphenyls	4000	NG/L	0.0	0.0	0.0	0.0	0.0	0.0
Chlordane + related cmpds.	80	NG/L	0.0	58.0	0.0	0.0	0.0	0.0
DDT and derivatives	100	NG/L	0.0	0.0	0.0	0.0	0.0	0.0
Hexachlorocyclohexanes	20	NG/L	0.0	0.0	0.0	0.0	0.0	0.0
Aldrin + Dieldrin	60	NG/L	0.0	0.0	0.0	0.0	0.0	0.0
Chlorinated Hydrocarbons	4000	NG/L	0.0	71.0	0.0	0.0	0.0	0.0

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

METROBIOSOLIDS CENTER
 SLUDGE PROJECT - ANNUAL SUMMARY

Chlorinated Pesticide Analysis, EPA Method 608 (with additions)

From 01-JAN-2007 To 31-DEC-2007

Analyte	MDL	Units	MBC_NC_DSL	MBC_NC_DSL	MBC_NC_DSL	MBC_NC_DSL
			13-FEB-2007	08-MAY-2007	07-AUG-2007	02-OCT-2007
			P370659	P380502	P392128	P399330
Aldrin	60	NG/L	ND	ND	ND	ND
BHC, Alpha isomer	20	NG/L	ND	ND	ND	ND
BHC, Beta isomer	20	NG/L	ND	ND	ND	ND
BHC, Delta isomer	20	NG/L	ND	ND	ND	ND
BHC, Gamma isomer	10	NG/L	ND	ND	ND	ND
Alpha (cis) Chlordane	30	NG/L	ND	ND	ND	ND
Gamma (trans) Chlordane	80	NG/L	ND	ND	ND	ND
Alpha Chlordene		NG/L	NA	NA	NA	NA
Gamma Chlordene		NG/L	NA	NA	NA	NA
Cis Nonachlor	20	NG/L	ND	ND	ND	ND
Dieldrin	50	NG/L	ND	ND	ND	ND
Endosulfan Sulfate	20	NG/L	ND	ND	ND	ND
Alpha Endosulfan	30	NG/L	ND	ND	ND	ND
Beta Endosulfan	20	NG/L	ND	ND	ND	ND
Endrin	50	NG/L	ND	ND	ND	ND
Endrin aldehyde	20	NG/L	ND	ND	ND	ND
Heptachlor	20	NG/L	ND	ND	ND	ND
Heptachlor epoxide	20	NG/L	ND	ND	ND	ND
Methoxychlor	60	NG/L	ND	ND	ND	ND
Mirex	20	NG/L	ND	ND	ND	ND
o,p-DDD	20	NG/L	ND	ND	ND	ND
o,p-DDE	100	NG/L	ND	ND	ND	ND
o,p-DDT	20	NG/L	ND	ND	ND	ND
Oxychlordane	20	NG/L	ND	ND	ND	ND
PCB 1016	4000	NG/L	ND	ND	ND	ND
PCB 1221	4000	NG/L	ND	ND	ND	ND
PCB 1232	4000	NG/L	ND	ND	ND	ND
PCB 1242	4000	NG/L	ND	ND	ND	ND
PCB 1248	2000	NG/L	ND	ND	ND	ND
PCB 1254	2000	NG/L	ND	ND	ND	ND
PCB 1260	2000	NG/L	ND	ND	ND	ND
PCB 1262	2000	NG/L	ND	ND	ND	ND
p,p-DDD	20	NG/L	ND	ND	ND	ND
p,p-DDE	20	NG/L	ND	ND	ND	ND
p,p-DDT	50	NG/L	ND	ND	ND	ND
Toxaphene	4000	NG/L	ND	ND	ND	ND
Trans Nonachlor	20	NG/L	ND	ND	ND	ND
Heptachlors	20	NG/L	0.0	0.0	0.0	0.0
Endosulfans	30	NG/L	0.0	0.0	0.0	0.0
Polychlorinated biphenyls	4000	NG/L	0.0	0.0	0.0	0.0
Chlordane + related cmpds.	80	NG/L	0.0	0.0	0.0	0.0
DDT and derivatives	100	NG/L	0.0	0.0	0.0	0.0
Hexachlorocyclohexanes	20	NG/L	0.0	0.0	0.0	0.0
Aldrin + Dieldrin	60	NG/L	0.0	0.0	0.0	0.0
Chlorinated Hydrocarbons	4000	NG/L	0.0	0.0	0.0	0.0

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

POINT LOMA WASTEWATER TREATMENT PLANT / METROBIOSOLIDS CENTER
SLUDGE PROJECT - ANNUAL SUMMARY

Chlorinated Pesticide Analysis, EPA Method 608 (with additions)

From 01-JAN-2007 To 31-DEC-2007

Analyte	MDL	Units	MBC_NC_RSL	MBC_NC_RSL	MBC_NC_RSL	MBC_NC_RSL	RAW COMP	RAW COMP
			13-FEB-2007 P370657	08-MAY-2007 P380500	07-AUG-2007 P392126	02-OCT-2007 P399328	13-FEB-2007 P370629	08-MAY-2007 P380472
Aldrin	60	NG/L	ND	ND	ND	ND	ND	ND
BHC, Alpha isomer	20	NG/L	ND	ND	ND	ND	ND	ND
BHC, Beta isomer	20	NG/L	ND	ND	ND	ND	ND	ND
BHC, Delta isomer	20	NG/L	ND	ND	ND	ND	ND	ND
BHC, Gamma isomer	10	NG/L	ND	ND	ND	ND	ND	ND
Alpha (cis) Chlordane	30	NG/L	ND	ND	ND	ND	ND	370
Gamma (trans) Chlordane	80	NG/L	ND	ND	ND	ND	ND	ND
Alpha Chlordene		NG/L	NA	NA	NA	NA	NA	NA
Gamma Chlordene		NG/L	NA	NA	NA	NA	NA	NA
Cis Nonachlor	20	NG/L	ND	ND	ND	ND	ND	ND
Dieldrin	50	NG/L	ND	ND	ND	ND	ND	ND
Endosulfan Sulfate	20	NG/L	ND	ND	ND	ND	ND	ND
Alpha Endosulfan	30	NG/L	ND	ND	ND	ND	ND	ND
Beta Endosulfan	20	NG/L	ND	ND	ND	ND	ND	ND
Endrin	50	NG/L	ND	ND	ND	ND	ND	ND
Endrin aldehyde	20	NG/L	ND	ND	ND	ND	ND	ND
Heptachlor	20	NG/L	ND	ND	ND	ND	ND	ND
Heptachlor epoxide	20	NG/L	ND	ND	ND	ND	ND	ND
Methoxychlor	60	NG/L	ND	ND	ND	ND	ND	ND
Mirex	20	NG/L	ND	ND	ND	ND	ND	ND
o,p-DDD	20	NG/L	ND	ND	ND	ND	ND	ND
o,p-DDE	100	NG/L	ND	ND	ND	ND	ND	ND
o,p-DDT	20	NG/L	ND	ND	ND	ND	ND	ND
Oxychlordane	20	NG/L	ND	ND	ND	ND	ND	ND
PCB 1016	4000	NG/L	ND	ND	ND	ND	ND	ND
PCB 1221	4000	NG/L	ND	ND	ND	ND	ND	ND
PCB 1232	4000	NG/L	ND	ND	ND	ND	ND	ND
PCB 1242	4000	NG/L	ND	ND	ND	ND	ND	ND
PCB 1248	2000	NG/L	ND	ND	ND	ND	ND	ND
PCB 1254	2000	NG/L	ND	ND	ND	ND	ND	ND
PCB 1260	2000	NG/L	ND	ND	ND	ND	ND	ND
PCB 1262	2000	NG/L	ND	ND	ND	ND	ND	ND
p,p-DDD	20	NG/L	ND	ND	ND	ND	ND	ND
p,p-DDE	20	NG/L	ND	ND	ND	ND	ND	520
p,p-DDT	50	NG/L	ND	ND	ND	ND	ND	ND
Toxaphene	4000	NG/L	ND	ND	ND	ND	ND	ND
Trans Nonachlor	20	NG/L	ND	ND	ND	ND	ND	ND
Heptachlors	20	NG/L	0.0	0.0	0.0	0.0	0.0	0.0
Endosulfans	30	NG/L	0.0	0.0	0.0	0.0	0.0	0.0
Polychlorinated biphenyls	4000	NG/L	0.0	0.0	0.0	0.0	0.0	0.0
Chlordane + related cmpds.	80	NG/L	0.0	0.0	0.0	0.0	0.0	370
DDT and derivatives	100	NG/L	0.0	0.0	0.0	0.0	0.0	520
Hexachlorocyclohexanes	20	NG/L	0.0	0.0	0.0	0.0	0.0	0.0
Aldrin + Dieldrin	60	NG/L	0.0	0.0	0.0	0.0	0.0	0.0
Chlorinated Hydrocarbons	4000	NG/L	0.0	0.0	0.0	0.0	0.0	890

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

POINT LOMA WASTEWATER TREATMENT PLANT
SLUDGE PROJECT - ANNUAL SUMMARY

Chlorinated Pesticide Analysis, EPA Method 608 (with additions)

From 01-JAN-2007 To 31-DEC-2007

Analyte	MDL	Units	RAW COMP	RAW COMP	DIG COMP	DIG COMP	DIG COMP	DIG COMP
			07-AUG-2007 P392099	02-OCT-2007 P399301	13-FEB-2007 P370643	08-MAY-2007 P380486	07-AUG-2007 P392113	02-OCT-2007 P399315
Aldrin	60	NG/L	ND	ND	ND	ND	ND	ND
BHC, Alpha isomer	20	NG/L	ND	ND	ND	ND	ND	ND
BHC, Beta isomer	20	NG/L	ND	ND	ND	ND	ND	ND
BHC, Delta isomer	20	NG/L	ND	ND	ND	ND	ND	ND
BHC, Gamma isomer	10	NG/L	ND	ND	ND	ND	ND	ND
Alpha (cis) Chlordane	30	NG/L	ND	ND	ND	475	ND	335
Gamma (trans) Chlordane	80	NG/L	ND	ND	ND	ND	ND	ND
Alpha Chlordene		NG/L	NA	NA	NA	NA	NA	NA
Gamma Chlordene		NG/L	NA	NA	NA	NA	NA	NA
Cis Nonachlor	20	NG/L	ND	ND	ND	ND	ND	ND
Dieldrin	50	NG/L	ND	ND	ND	ND	ND	ND
Endosulfan Sulfate	20	NG/L	ND	ND	ND	ND	ND	ND
Alpha Endosulfan	30	NG/L	ND	ND	ND	ND	ND	ND
Beta Endosulfan	20	NG/L	ND	ND	ND	ND	ND	ND
Endrin	50	NG/L	ND	ND	ND	ND	ND	ND
Endrin aldehyde	20	NG/L	ND	ND	ND	ND	ND	ND
Heptachlor	20	NG/L	ND	ND	ND	ND	ND	ND
Heptachlor epoxide	20	NG/L	ND	ND	ND	ND	ND	ND
Methoxychlor	60	NG/L	ND	ND	ND	ND	ND	ND
Mirex	20	NG/L	ND	ND	ND	ND	ND	ND
o,p-DDD	20	NG/L	ND	ND	ND	ND	2250	ND
o,p-DDE	100	NG/L	ND	ND	ND	ND	ND	ND
o,p-DDT	20	NG/L	ND	ND	ND	ND	ND	ND
Oxychlordane	20	NG/L	ND	ND	ND	ND	ND	ND
PCB 1016	4000	NG/L	ND	ND	ND	ND	ND	ND
PCB 1221	4000	NG/L	ND	ND	ND	ND	ND	ND
PCB 1232	4000	NG/L	ND	ND	ND	ND	ND	ND
PCB 1242	4000	NG/L	ND	ND	ND	ND	ND	ND
PCB 1248	2000	NG/L	ND	ND	ND	ND	ND	ND
PCB 1254	2000	NG/L	ND	ND	ND	ND	ND	ND
PCB 1260	2000	NG/L	ND	ND	ND	ND	ND	ND
PCB 1262	2000	NG/L	ND	ND	ND	ND	ND	ND
p,p-DDD	20	NG/L	ND	ND	ND	ND	ND	ND
p,p-DDE	20	NG/L	ND	ND	ND	700	530	265
p,p-DDT	50	NG/L	ND	650	ND	ND	ND	ND
Toxaphene	4000	NG/L	ND	ND	ND	ND	ND	ND
Trans Nonachlor	20	NG/L	ND	ND	ND	ND	ND	ND
Heptachlors	20	NG/L	0.0	0.0	0.0	0.0	0.0	0.0
Endosulfans	30	NG/L	0.0	0.0	0.0	0.0	0.0	0.0
Polychlorinated biphenyls	4000	NG/L	0.0	0.0	0.0	0.0	0.0	0.0
Chlordane + related cmpds.	80	NG/L	0.0	0.0	0.0	475	0.0	335
DDT and derivatives	100	NG/L	0.0	650	0.0	700	2780	265
Hexachlorocyclohexanes	20	NG/L	0.0	0.0	0.0	0.0	0.0	0.0
Aldrin + Dieldrin	60	NG/L	0.0	0.0	0.0	0.0	0.0	0.0
Chlorinated Hydrocarbons	4000	NG/L	0.0	650	0.0	1175	2780	600

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

METROBIOSOLIDS CENTER
 SLUDGE PROJECT - ANNUAL SUMMARY

Chlorinated Pesticide Analysis

From 01-JAN-2007 To 31-DEC-2007

Analyte	MDL	Units	MBCDEWCN	MBCDEWCN	MBCDEWCN	MBCDEWCN	MBCDEWCN
			31-JAN-2007 P372264	28-FEB-2007 P375281	31-MAR-2007 P378764	30-APR-2007 P383441	31-MAY-2007 P386675
Aldrin	71000	NG/KG	ND	ND	ND	ND	ND
Dieldrin	35000	NG/KG	ND	ND	ND	ND	ND
BHC, Alpha isomer	28000	NG/KG	ND	ND	ND	ND	ND
BHC, Beta isomer	32000	NG/KG	ND	ND	ND	ND	ND
BHC, Gamma isomer	18000	NG/KG	ND	ND	ND	ND	ND
BHC, Delta isomer	28000	NG/KG	ND	ND	ND	ND	ND
p,p-DDD	18000	NG/KG	60000	ND	ND	ND	ND
p,p-DDE	28000	NG/KG	47500	33500	ND	52000	33000
p,p-DDT	35000	NG/KG	ND	ND	ND	ND	ND
o,p-DDD	28000	NG/KG	ND	ND	ND	ND	ND
o,p-DDE	52000	NG/KG	ND	ND	ND	ND	ND
o,p-DDT	71000	NG/KG	ND	ND	ND	ND	ND
Heptachlor	16000	NG/KG	ND	ND	ND	ND	ND
Heptachlor epoxide	28000	NG/KG	ND	ND	ND	ND	ND
Alpha (cis) Chlordane	13000	NG/KG	ND	ND	52500	34500	ND
Gamma (trans) Chlordane	48000	NG/KG	ND	105000	155000	97500	111000
Alpha Chlordene		NG/KG	NA	NA	NA	NA	NA
Gamma Chlordene		NG/KG	NA	NA	NA	NA	NA
Oxychlordane	28000	NG/KG	ND	ND	ND	ND	ND
Trans Nonachlor	18000	NG/KG	ND	ND	52500	ND	29500
Cis Nonachlor	52000	NG/KG	ND	ND	ND	ND	ND
Alpha Endosulfan	18000	NG/KG	ND	ND	ND	ND	ND
Beta Endosulfan	28000	NG/KG	ND	ND	ND	ND	ND
Endosulfan Sulfate	45000	NG/KG	ND	ND	ND	ND	ND
Endrin aldehyde	52000	NG/KG	ND	ND	ND	ND	ND
Toxaphene	130000	NG/KG	ND	ND	ND	ND	ND
Mirex	18000	NG/KG	ND	ND	ND	ND	ND
Methoxychlor	71000	NG/KG	ND	ND	ND	ND	ND
PCB 1016	260000	NG/KG	ND	ND	ND	ND	ND
PCB 1221	580000	NG/KG	ND	ND	ND	ND	ND
PCB 1232	220000	NG/KG	ND	ND	ND	ND	ND
PCB 1242		NG/KG	ND	ND	ND	ND	ND
PCB 1248	310000	NG/KG	ND	ND	ND	ND	ND
PCB 1254	130000	NG/KG	ND	ND	ND	ND	ND
PCB 1260	86000	NG/KG	ND	ND	ND	ND	ND
PCB 1262		NG/KG	ND	ND	ND	ND	ND
Aldrin + Dieldrin	71000	NG/KG	0	0	0	0	0
Hexachlorocyclohexanes	32000	NG/KG	0	0	0	0	0
DDT and derivatives	71000	NG/KG	107500	33500	0	52000	33000
Chlordane + related cmpds.	48000	NG/KG	0	105000	207500	132000	111000
Polychlorinated biphenyls	580000	NG/KG	0	0	0	0	0
Chlorinated Hydrocarbons	580000	NG/KG	107500	138500	260000	184000	173500

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

PMETROBIOSOLIDS CENTER
 SLUDGE PROJECT - ANNUAL SUMMARY

Chlorinated Pesticide Analysis

From 01-JAN-2007 To 31-DEC-2007

Analyte	MDL	Units	MBCDEWCN	MBCDEWCN	MBCDEWCN	MBCDEWCN	MBCDEWCN
			30-JUN-2007 P389803	31-JUL-2007 P394386	31-AUG-2007 P397589	30-SEP-2007 P401129	31-OCT-2007 P405179
Aldrin	71000	NG/KG	ND	ND	ND	ND	ND
Dieldrin	35000	NG/KG	ND	ND	ND	ND	ND
BHC, Alpha isomer	28000	NG/KG	ND	ND	ND	ND	ND
BHC, Beta isomer	32000	NG/KG	ND	ND	ND	ND	ND
BHC, Gamma isomer	18000	NG/KG	ND	ND	ND	ND	ND
BHC, Delta isomer	28000	NG/KG	ND	ND	ND	ND	ND
p,p-DDD	18000	NG/KG	ND	ND	ND	ND	ND
p,p-DDE	28000	NG/KG	ND	ND	<28000	34000	ND
p,p-DDT	35000	NG/KG	ND	ND	ND	<35000	ND
o,p-DDD	28000	NG/KG	ND	ND	ND	ND	ND
o,p-DDE	52000	NG/KG	ND	ND	ND	ND	ND
o,p-DDT	71000	NG/KG	ND	ND	ND	ND	ND
Heptachlor	16000	NG/KG	ND	ND	ND	ND	ND
Heptachlor epoxide	28000	NG/KG	ND	ND	ND	ND	ND
Alpha (cis) Chlordane	13000	NG/KG	ND	ND	ND	22500	ND
Gamma (trans) Chlordane	48000	NG/KG	<48000	ND	ND	<48000	94500
Alpha Chlordene		NG/KG	NA	NA	NA	NA	NA
Gamma Chlordene		NG/KG	NA	NA	NA	NA	NA
Oxychlordane	28000	NG/KG	ND	ND	ND	ND	ND
Trans Nonachlor	18000	NG/KG	<18000	ND	ND	50500	24500
Cis Nonachlor	52000	NG/KG	ND	ND	ND	ND	ND
Alpha Endosulfan	18000	NG/KG	ND	ND	ND	ND	ND
Beta Endosulfan	28000	NG/KG	ND	ND	ND	ND	ND
Endosulfan Sulfate	45000	NG/KG	ND	ND	ND	ND	ND
Endrin aldehyde	52000	NG/KG	ND	ND	ND	ND	ND
Toxaphene	130000	NG/KG	ND	ND	ND	ND	ND
Mirex	18000	NG/KG	ND	ND	ND	ND	ND
Methoxychlor	71000	NG/KG	ND	ND	ND	ND	ND
PCB 1016	260000	NG/KG	ND	ND	ND	ND	ND
PCB 1221	580000	NG/KG	ND	ND	ND	ND	ND
PCB 1232	220000	NG/KG	ND	ND	ND	ND	ND
PCB 1242		NG/KG	ND	ND	ND	ND	ND
PCB 1248	310000	NG/KG	ND	ND	ND	ND	ND
PCB 1254	130000	NG/KG	ND	ND	ND	ND	ND
PCB 1260	86000	NG/KG	ND	ND	ND	ND	ND
PCB 1262		NG/KG	ND	ND	ND	ND	ND
Aldrin + Dieldrin	71000	NG/KG	0	0	0	0	0
Hexachlorocyclohexanes	32000	NG/KG	0	0	0	0	0
DDT and derivatives	71000	NG/KG	0	0	0	34000	0
Chlordane + related cmpds.	48000	NG/KG	0	0	0	22500	94500
Polychlorinated biphenyls	580000	NG/KG	0	0	0	0	0
Chlorinated Hydrocarbons	580000	NG/KG	0	0	0	107000	119000

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

METROBIOSOLIDS CENTER
 SLUDGE PROJECT - ANNUAL SUMMARY

Chlorinated Pesticide Analysis

From 01-JAN-2007 To 31-DEC-2007

Analyte	MDL	Units	MBCDEWCN	MBCDEWCN	Annual Average
			30-NOV-2007 P409007	31-DEC-2007 P412358	
Aldrin	71000	NG/KG	ND	ND	ND
Dieldrin	35000	NG/KG	ND	ND	ND
BHC, Alpha isomer	28000	NG/KG	ND	ND	ND
BHC, Beta isomer	32000	NG/KG	ND	ND	ND
BHC, Gamma isomer	18000	NG/KG	ND	ND	ND
BHC, Delta isomer	28000	NG/KG	ND	ND	ND
p,p-DDD	18000	NG/KG	ND	ND	5000
p,p-DDE	28000	NG/KG	30000	ND	19167
p,p-DDT	35000	NG/KG	ND	ND	0
o,p-DDD	28000	NG/KG	ND	ND	ND
o,p-DDE	52000	NG/KG	ND	ND	ND
o,p-DDT	71000	NG/KG	ND	ND	ND
Heptachlor	16000	NG/KG	ND	ND	ND
Heptachlor epoxide	28000	NG/KG	ND	ND	ND
Alpha (cis) Chlordane	13000	NG/KG	ND	ND	9125
Gamma (trans) Chlordane	48000	NG/KG	79000	ND	53500
Alpha Chlordene		NG/KG	NA	NA	NA
Gamma Chlordene		NG/KG	NA	NA	NA
Oxychlordane	28000	NG/KG	ND	ND	ND
Trans Nonachlor	18000	NG/KG	ND	ND	13083
Cis Nonachlor	52000	NG/KG	ND	ND	ND
Alpha Endosulfan	18000	NG/KG	ND	ND	ND
Beta Endosulfan	28000	NG/KG	ND	ND	ND
Endosulfan Sulfate	45000	NG/KG	ND	ND	ND
Endrin aldehyde	52000	NG/KG	ND	ND	ND
Toxaphene	130000	NG/KG	ND	ND	ND
Mirex	18000	NG/KG	ND	ND	ND
Methoxychlor	71000	NG/KG	ND	ND	ND
PCB 1016	260000	NG/KG	ND	ND	ND
PCB 1221	580000	NG/KG	ND	ND	ND
PCB 1232	220000	NG/KG	ND	ND	ND
PCB 1242		NG/KG	ND	ND	ND
PCB 1248	310000	NG/KG	ND	ND	ND
PCB 1254	130000	NG/KG	ND	ND	ND
PCB 1260	86000	NG/KG	ND	ND	ND
PCB 1262		NG/KG	ND	ND	ND
Aldrin + Dieldrin	71000	NG/KG	0	0	0
Hexachlorocyclohexanes	32000	NG/KG	0	0	0
DDT and derivatives	71000	NG/KG	30000	0	24167
Chlordane + related cmpds.	48000	NG/KG	79000	0	62625
Polychlorinated biphenyls	580000	NG/KG	0	0	0
Chlorinated Hydrocarbons	580000	NG/KG	109000	0	99875

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

POINT LOMA WASTEWATER TREATMENT PLANT / METROBIOSOLIDS CENTER
 SLUDGE PROJECT - ANNUAL SUMMARY

Organophosphorus Pesticides

From 01-JAN-2007 To 31-DEC-2007

Analyte	MDL Units	PLE	PLE	PLR	PLR	MBC_COMBCN
		08-MAY-2007 P380432	02-OCT-2007 P399261	08-MAY-2007 P380437	02-OCT-2007 P399266	08-MAY-2007 P380447
Demeton O	.15 UG/L	ND	ND	ND	ND	ND
Demeton S	.08 UG/L	ND	ND	ND	ND	ND
Diazinon	.03 UG/L	ND	ND	ND	ND	ND
Guthion	.15 UG/L	ND	ND	ND	ND	ND
Malathion	.03 UG/L	ND	ND	ND	ND	ND
Parathion	.03 UG/L	ND	ND	ND	ND	ND
Thiophosphorus Pesticides	.15 UG/L	0.0	0.0	0.0	0.0	0.0
Demeton -O, -S	.15 UG/L	0.0	0.0	0.0	0.0	0.0
Total Organophosphorus Pesticides	.3 UG/L	0.0	0.0	0.0	0.0	0.0
Tetraethylpyrophosphate	UG/L	NA	NA	NA	NA	NA
Dichlorvos	.05 UG/L	ND	ND	ND	ND	ND
Dibrom	.2 UG/L	ND	ND	ND	ND	ND
Ethoprop	.04 UG/L	ND	ND	ND	ND	ND
Phorate	.04 UG/L	ND	ND	ND	ND	ND
Sulfotepp	.04 UG/L	ND	ND	ND	ND	ND
Disulfoton	.02 UG/L	ND	ND	ND	ND	ND
Monocrotophos	UG/L	NA	NA	NA	NA	NA
Dimethoate	.04 UG/L	ND	ND	ND	ND	ND
Ronnel	.03 UG/L	ND	ND	ND	ND	ND
Trichloronate	.04 UG/L	ND	ND	ND	ND	ND
Merphos	.09 UG/L	ND	ND	ND	ND	ND
Dichlofenthion	.03 UG/L	ND	ND	ND	ND	ND
Tokuthion	.06 UG/L	ND	ND	ND	ND	ND
Stirophos	.03 UG/L	ND	ND	ND	ND	ND
Bolstar	.07 UG/L	ND	ND	ND	ND	ND
Fensulfothion	.07 UG/L	ND	ND	ND	ND	ND
EPN	.09 UG/L	ND	ND	ND	ND	ND
Coumaphos	.15 UG/L	ND	ND	ND	ND	ND
Mevinphos, e isomer	.05 UG/L	ND	ND	ND	ND	ND
Mevinphos, z isomer	.3 UG/L	ND	ND	ND	ND	ND
Chlorpyrifos	.03 UG/L	ND	ND	ND	ND	ND

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

POINT LOMA WASTEWATER TREATMENT PLANT
 SLUDGE PROJECT - ANNUAL SUMMARY

Organophosphorus Pesticides

From 01-JAN-2007 To 31-DEC-2007

Analyte	MDL Units	MBC_COMBCN	MBC_NC_DSL	MBC_NC_DSL	MBC_NC_RSL	MBC_NC_RSL
		02-OCT-2007 P399276	08-MAY-2007 P380502	02-OCT-2007 P399330	08-MAY-2007 P380500	02-OCT-2007 P399328
Demeton O	.15 UG/L	ND	ND	ND	ND	ND
Demeton S	.08 UG/L	ND	ND	ND	ND	ND
Diazinon	.03 UG/L	ND	ND	ND	ND	ND
Guthion	.15 UG/L	ND	ND	ND	ND	ND
Malathion	.03 UG/L	ND	ND	ND	ND	ND
Parathion	.03 UG/L	ND	ND	ND	ND	ND
Thiophosphorus Pesticides	.15 UG/L	0.0	0.0	0.0	0.0	0.0
Demeton -O, -S	.15 UG/L	0.0	0.0	0.0	0.0	0.0
Total Organophosphorus Pesticides	.3 UG/L	0.0	0.0	0.0	0.0	0.0
Tetraethylpyrophosphate	UG/L	NA	NA	NA	NA	NA
Dichlorvos	.05 UG/L	ND	ND	ND	ND	ND
Dibrom	.2 UG/L	ND	ND	ND	ND	ND
Ethoprop	.04 UG/L	ND	ND	ND	ND	ND
Phorate	.04 UG/L	ND	ND	ND	ND	ND
Sulfotepp	.04 UG/L	ND	ND	ND	ND	ND
Disulfoton	.02 UG/L	ND	ND	ND	ND	ND
Monocrotophos	UG/L	NA	NA	NA	NA	NA
Dimethoate	.04 UG/L	ND	ND	ND	ND	ND
Ronnel	.03 UG/L	ND	ND	ND	ND	ND
Trichloronate	.04 UG/L	ND	ND	ND	ND	ND
Merphos	.09 UG/L	ND	ND	ND	ND	ND
Dichlofenthion	.03 UG/L	ND	ND	ND	ND	ND
Tokuthion	.06 UG/L	ND	ND	ND	ND	ND
Stirophos	.03 UG/L	ND	ND	ND	ND	ND
Bolstar	.07 UG/L	ND	ND	ND	ND	ND
Fensulfothion	.07 UG/L	ND	ND	ND	ND	ND
EPN	.09 UG/L	ND	ND	ND	ND	ND
Coumaphos	.15 UG/L	ND	ND	ND	ND	ND
Mevinphos, e isomer	.05 UG/L	ND	ND	ND	ND	ND
Mevinphos, z isomer	.3 UG/L	ND	ND	ND	ND	ND
Chlorpyrifos	.03 UG/L	ND	ND	ND	ND	ND

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

POINT LOMA WASTEWATER TREATMENT PLANT
 SLUDGE PROJECT - ANNUAL SUMMARY

Organophosphorus Pesticides

From 01-JAN-2007 To 31-DEC-2007

Analyte	MDL Units	RAW COMP	RAW COMP	DIG COMP	DIG COMP
		08-MAY-2007 P380472	02-OCT-2007 P399301	08-MAY-2007 P380486	02-OCT-2007 P399315
Demeton O	.15 UG/L	ND	ND	ND	ND
Demeton S	.08 UG/L	ND	ND	ND	ND
Diazinon	.03 UG/L	ND	ND	ND	ND
Guthion	.15 UG/L	ND	ND	ND	ND
Malathion	.03 UG/L	ND	ND	ND	ND
Parathion	.03 UG/L	ND	ND	ND	ND
Thiophosphorus Pesticides	.15 UG/L	0.0	0.0	0.0	0.0
Demeton -O, -S	.15 UG/L	0.0	0.0	0.0	0.0
Total Organophosphorus Pesticides	.3 UG/L	0.0	0.0	0.0	0.0
Tetraethylpyrophosphate	UG/L	NA	NA	NA	NA
Dichlorvos	.05 UG/L	ND	ND	ND	ND
Dibrom	.2 UG/L	ND	ND	ND	ND
Ethoprop	.04 UG/L	ND	ND	ND	ND
Phorate	.04 UG/L	ND	ND	ND	ND
Sulfotepp	.04 UG/L	ND	ND	ND	ND
Disulfoton	.02 UG/L	ND	ND	ND	ND
Monocrotophos	UG/L	NA	NA	NA	NA
Dimethoate	.04 UG/L	ND	ND	ND	ND
Ronnel	.03 UG/L	ND	ND	ND	ND
Trichloronate	.04 UG/L	ND	ND	ND	ND
Merphos	.09 UG/L	ND	ND	ND	ND
Dichlofenthion	.03 UG/L	ND	ND	ND	ND
Tokuthion	.06 UG/L	ND	ND	ND	ND
Stirophos	.03 UG/L	ND	ND	ND	ND
Bolstar	.07 UG/L	ND	ND	ND	ND
Fensulfothion	.07 UG/L	ND	ND	ND	ND
EPN	.09 UG/L	ND	ND	ND	ND
Coumaphos	.15 UG/L	ND	ND	ND	ND
Mevinphos, e isomer	.05 UG/L	ND	ND	ND	ND
Mevinphos, z isomer	.3 UG/L	ND	ND	ND	ND
Chlorpyrifos	.03 UG/L	ND	ND	ND	ND

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

METROBIOSOLIDS CENTER
 SLUDGE PROJECT - ANNUAL SUMMARY

Organophosphorus Pesticides

From 01-JAN-2007 To 31-DEC-2007

Analyte	MDL	Units	MBCDEWCN	MBCDEWCN
			31-MAY-2007 P386675	31-OCT-2007 P405179
Demeton O	67	UG/KG	ND	ND
Demeton S	27	UG/KG	ND	ND
Diazinon		UG/KG	ND	ND
Guthion	33	UG/KG	ND	ND
Malathion	20	UG/KG	ND	ND
Parathion	20	UG/KG	ND	ND
Tetraethylpyrophosphate		UG/KG	NA	NA
Dichlorvos	17	UG/KG	ND	ND
Dibrom		UG/KG	ND	ND
Ethoprop	27	UG/KG	ND	ND
Phorate	17	UG/KG	ND	ND
Sulfotepp	17	UG/KG	ND	ND
Disulfoton	20	UG/KG	ND	ND
Monocrotophos		UG/KG	NA	NA
Dimethoate	27	UG/KG	ND	ND
Ronnel	20	UG/KG	ND	ND
Trichloronate	20	UG/KG	ND	ND
Merphos	17	UG/KG	ND	ND
Dichlofenthion	20	UG/KG	ND	ND
Tokuthion	17	UG/KG	ND	ND
Stirophos	20	UG/KG	ND	ND
Bolstar	50	UG/KG	ND	ND
Fensulfothion	100	UG/KG	ND	ND
EPN	33	UG/KG	ND	ND
Coumaphos	33	UG/KG	ND	ND
Mevinphos, e isomer	17	UG/KG	ND	ND
Mevinphos, z isomer	100	UG/KG	ND	ND
Chlorpyrifos		UG/KG	ND	ND
Thiophosphorus Pesticides	33	UG/KG	0.0	0.0
Demeton -O, -S	67	UG/KG	0.0	0.0
Total Organophosphorus Pesticides	100	UG/KG	0.0	0.0

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

POINT LOMA WASTEWATER TREATMENT PLANT / METROBIOSOLIDS CENTER
 SLUDGE PROJECT - ANNUAL SUMMARY

Tributyl Tin (Sewage)

From 01-JAN-2007 To 31-DEC-2007

	PLE	PLE	PLE	PLE	PLR	PLR	PLR
	13-FEB-2007	08-MAY-2007	07-AUG-2007	02-OCT-2007	13-FEB-2007	08-MAY-2007	07-AUG-2007
	P370589	P380432	P392059	P399261	P370594	P380437	P392064
===== Monobutyl Tin	ND	ND	ND	ND	ND	ND	ND
Tributyl tin	ND	ND	ND	ND	ND	ND	ND
	PLR	MBC_COMBCN	MBC_COMBCN	MBC_COMBCN	MBC_COMBCN	MBCDEWCN	MBCDEWCN
	02-OCT-2007	13-FEB-2007	08-MAY-2007	07-AUG-2007	02-OCT-2007	31-MAY-2007	31-OCT-2007
	P399266	P370604	P380447	P392074	P399276	P386675	P405179
===== Monobutyl Tin	ND	ND	ND	ND	ND	ND	ND
Tributyl tin	ND	ND	ND	ND	ND	ND	ND

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

METROBIOSOLIDS CENTER
 SLUDGE PROJECT - ANNUAL SUMMARY

Herbicide Analysis

From 01-JAN-2007 To 31-DEC-2007

Analyte	MDL	Units	MBCDEWCN	MBCDEWCN	MBCDEWCN	MBCDEWCN
			28-FEB-2007	31-MAY-2007	31-AUG-2007	31-OCT-2007
			P375281	P386675	P397589	P405179
			=====	=====	=====	=====
2,4-dichlorophenoxyacetic acid	6.84	MG/KG	ND	ND	ND	ND
2,4,5-TP (Silvex)	6.33	MG/KG	ND	ND	ND	ND

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

POINT LOMA WASTEWATER TREATMENT PLANT / METROBIOSOLIDS CENTER
SLUDGE PROJECT - ANNUAL SUMMARY

PRIORITY POLLUTANT ANALYSIS-ACID EXTRACTABLE COMPOUNDS, EPA Method 625

From 01-JAN-2007 to 31-DEC-2007

Analyte	MDL	Units	PLE	PLE	PLE	PLE	PLR	PLR
			13-FEB-2007 P370589	08-MAY-2007 P380432	07-AUG-2007 P392059	02-OCT-2007 P399261	13-FEB-2007 P370594	08-MAY-2007 P380437
2-chlorophenol	1.76	UG/L	ND	ND	ND	ND	ND	ND
2,4-dichlorophenol	1.95	UG/L	ND	ND	ND	ND	ND	ND
4-chloro-3-methylphenol	1.34	UG/L	ND	ND	ND	ND	ND	ND
2,4,6-trichlorophenol	1.75	UG/L	ND	ND	ND	ND	ND	ND
Pentachlorophenol	5.87	UG/L	ND	ND	ND	ND	ND	ND
Phenol	2.53	UG/L	12.70	15.70	9.95	8.70	15.70	20.30
2-nitrophenol	1.88	UG/L	ND	ND	ND	ND	ND	ND
2,4-dimethylphenol	1.32	UG/L	ND	ND	ND	ND	ND	ND
2,4-dinitrophenol	6.07	UG/L	ND	ND	ND	ND	ND	ND
4-nitrophenol	3.17	UG/L	ND	ND	ND	ND	ND	ND
2-methyl-4,6-dinitrophenol	4.29	UG/L	ND	ND	ND	ND	ND	ND
2-methylphenol	1.51	UG/L	ND	ND	ND	ND	ND	ND
3-methylphenol(4-MP is unresolved)	4.4	UG/L	ND	ND	ND	ND	ND	ND
4-methylphenol(3-MP is unresolved)	4.22	UG/L	35.60	40.80	23.40	16.90	55.60	48.10
2,4,5-trichlorophenol	1.66	UG/L	ND	ND	ND	ND	ND	ND
Total Chlorinated Phenols	5.87	UG/L	0.00	0.00	0.00	0.00	0.00	0.00
Total Non-Chlorinated Phenols	6.07	UG/L	12.70	15.70	9.95	8.70	15.70	20.30
Phenols	6.07	UG/L	12.70	15.70	9.95	8.70	15.70	20.30

Analyte	MDL	Units	PLR	PLR	MBC_COMBCN	MBC_COMBCN	MBC_COMBCN	MBC_COMBCN
			07-AUG-2007 P392064	02-OCT-2007 P399266	13-FEB-2007 P370604	08-MAY-2007 P380447	07-AUG-2007 P392074	02-OCT-2007 P399276
2-chlorophenol	1.76	UG/L	ND	ND	ND	ND	ND	ND
2,4-dichlorophenol	1.95	UG/L	ND	ND	ND	ND	ND	ND
4-chloro-3-methylphenol	1.34	UG/L	ND	ND	ND	ND	ND	ND
2,4,6-trichlorophenol	1.75	UG/L	ND	ND	ND	ND	ND	ND
Pentachlorophenol	5.87	UG/L	ND	ND	ND	ND	ND	ND
Phenol	2.53	UG/L	16.00	19.40	6.25	ND	ND	8.85
2-nitrophenol	1.88	UG/L	ND	ND	ND	ND	ND	ND
2,4-dimethylphenol	1.32	UG/L	ND	ND	ND	ND	ND	ND
2,4-dinitrophenol	6.07	UG/L	ND	ND	ND	ND	ND	ND
4-nitrophenol	3.17	UG/L	ND	ND	ND	ND	ND	ND
2-methyl-4,6-dinitrophenol	4.29	UG/L	ND	ND	ND	ND	ND	ND
2-methylphenol	1.51	UG/L	ND	ND	ND	ND	ND	ND
3-methylphenol(4-MP is unresolved)	4.4	UG/L	ND	ND	ND	ND	ND	ND
4-methylphenol(3-MP is unresolved)	4.22	UG/L	43.00	44.90	ND	ND	ND	ND
2,4,5-trichlorophenol	1.66	UG/L	ND	ND	ND	ND	ND	ND
Total Chlorinated Phenols	5.87	UG/L	0.00	0.00	0.00	0.00	0.00	0.00
Total Non-Chlorinated Phenols	6.07	UG/L	16.00	19.40	6.25	0.00	0.00	8.85
Phenols	6.07	UG/L	16.00	19.40	6.25	0.00	0.00	8.85

nd= not detected, NA= not analyzed NS= not sampled
MDL based on 1 liter sample

POINT LOMA WASTEWATER TREATMENT PLANT / METROBIOSOLIDS CENTER
SLUDGE PROJECT - ANNUAL SUMMARY

PRIORITY POLLUTANT ANALYSIS-ACID EXTRACTABLE COMPOUNDS, EPA Method 625

From 01-JAN-2007To 31-DEC-2007

Analyte	MDL	Units	RAW COMP	RAW COMP	RAW COMP	RAW COMP	DIG COMP	DIG COMP
			13-FEB-2007 P370629	08-MAY-2007 P380472	07-AUG-2007 P392099	02-OCT-2007 P399301	13-FEB-2007 P370643	08-MAY-2007 P380486
2-chlorophenol	1.76	UG/L	<38.30	<32.50	<21.10	<17.70	<38.50	<39.70
2,4-dichlorophenol	1.95	UG/L	<42.50	<36.00	<23.40	<19.70	<42.60	<44.00
4-chloro-3-methylphenol	1.34	UG/L	<29.20	<24.70	<16.10	<13.50	<29.30	<30.20
2,4,6-trichlorophenol	1.75	UG/L	<38.10	<32.30	<21.00	<17.60	<38.30	<39.50
Pentachlorophenol	5.87	UG/L	<128.00	<108.00	<70.40	<59.20	<128.00	<132.00
Phenol	2.53	UG/L	83.60	75.90	<30.40	38.00	<55.30	<57.00
2-nitrophenol	1.88	UG/L	<41.00	<34.70	<22.60	<18.90	<41.10	<42.40
2,4-dimethylphenol	1.32	UG/L	<28.80	<24.40	<15.80	<13.30	<28.90	<29.80
2,4-dinitrophenol	6.07	UG/L	<132.00	<112.00	<72.80	<61.20	<133.00	<137.00
4-nitrophenol	3.17	UG/L	<69.10	<58.50	<38.00	<32.00	<69.30	<71.50
2-methyl-4,6-dinitrophenol	4.29	UG/L	<93.50	<79.20	<51.50	<43.20	<93.80	<96.70
2-methylphenol	1.51	UG/L	<32.90	<27.90	<18.10	<15.20	<33.00	<34.00
3-methylphenol(4-MP is unresolved)	4.4	UG/L	ND	ND	ND	ND	ND	ND
4-methylphenol(3-MP is unresolved)	4.22	UG/L	1640.00	814.00	269.00	465.00	<92.20	<95.20
2,4,5-trichlorophenol	1.66	UG/L	<36.20	<30.60	<19.90	<16.70	<36.30	<37.40
Total Chlorinated Phenols	5.87	UG/L	0.00	0.00	0.00	0.00	0.00	0.00
Total Non-Chlorinated Phenols	6.07	UG/L	83.60	75.90	0.00	38.00	0.00	0.00
Phenols	6.07	UG/L	83.60	75.90	0.00	38.00	0.00	0.00

Analyte	MDL	Units	DIG COMP	DIG COMP	MBC_NC_DSL	MBC_NC_DSL	MBC_NC_DSL	MBC_NC_DSL
			07-AUG-2007 P392113	02-OCT-2007 P399315	13-FEB-2007 P370659	08-MAY-2007 P380502	07-AUG-2007 P392128	02-OCT-2007 P399330
2-chlorophenol	1.76	UG/L	<24.30	<17.20	<36.00	<41.20	<30.30	<18.10
2,4-dichlorophenol	1.95	UG/L	<26.90	<19.00	<39.80	<45.70	<33.60	<20.00
4-chloro-3-methylphenol	1.34	UG/L	<18.50	<13.10	<27.40	<31.40	<23.10	<13.80
2,4,6-trichlorophenol	1.75	UG/L	<24.20	<17.10	<35.80	<41.00	<30.10	<18.00
Pentachlorophenol	5.87	UG/L	<81.00	<57.30	<120.00	<138.00	<101.00	<60.30
Phenol	2.53	UG/L	<34.90	<24.70	<51.70	<59.30	<43.60	<26.00
2-nitrophenol	1.88	UG/L	<26.00	<18.40	<38.40	<44.00	<32.40	<19.30
2,4-dimethylphenol	1.32	UG/L	<18.20	<12.90	<27.00	<30.90	<22.70	36.40
2,4-dinitrophenol	6.07	UG/L	<83.80	<59.30	<124.00	<142.00	<105.00	<62.30
4-nitrophenol	3.17	UG/L	<43.80	<31.00	<64.80	<74.30	<54.60	<32.50
2-methyl-4,6-dinitrophenol	4.29	UG/L	<59.20	<41.90	<87.60	<100.00	<73.90	<44.00
2-methylphenol	1.51	UG/L	<20.80	<14.70	<30.80	<35.40	<26.00	<15.50
3-methylphenol(4-MP is unresolved)	4.4	UG/L	ND	ND	ND	ND	ND	ND
4-methylphenol(3-MP is unresolved)	4.22	UG/L	<58.30	<41.20	<86.20	105.00	<72.70	<43.30
2,4,5-trichlorophenol	1.66	UG/L	<22.90	<16.20	<33.90	<38.90	<28.60	<17.00
Total Chlorinated Phenols	5.87	UG/L	0.00	0.00	0.00	0.00	0.00	0.00
Total Non-Chlorinated Phenols	6.07	UG/L	0.00	0.00	0.00	0.00	0.00	36.40
Phenols	6.07	UG/L	0.00	0.00	0.00	0.00	0.00	36.40

nd= not detected, NA= not analyzed NS= not sampled
MDL based on 1 liter sample

METROBIOSOLIDS CENTER
 SLUDGE PROJECT - ANNUAL SUMMARY

PRIORITY POLLUTANT ANALYSIS-ACID EXTRACTABLE COMPOUNDS, EPA Method 625

From 01-JAN-2007 to 31-DEC-2007

Analyte	MDL	Units	MBC_NC_RSL	MBC_NC_RSL	MBC_NC_RSL	MBC_NC_RSL
			13-FEB-2007 P370657	08-MAY-2007 P380500	07-AUG-2007 P392126	02-OCT-2007 P399328
2-chlorophenol	1.76	UG/L	<30.50	<1.76	<17.90	<1.76
2,4-dichlorophenol	1.95	UG/L	<33.70	<1.95	<19.80	<1.95
4-chloro-3-methylphenol	1.34	UG/L	<23.20	<1.34	<13.60	<1.34
2,4,6-trichlorophenol	1.75	UG/L	<30.30	<1.75	<17.80	<1.75
Pentachlorophenol	5.87	UG/L	<102.00	<5.87	<59.70	<5.87
Phenol	2.53	UG/L	<43.80	<2.53	<25.70	79.80
2-nitrophenol	1.88	UG/L	<32.50	<1.88	<1.88	<1.88
2,4-dimethylphenol	1.32	UG/L	<22.80	<1.32	<13.40	<1.32
2,4-dinitrophenol	6.07	UG/L	<105.00	<6.07	<61.70	<6.07
4-nitrophenol	3.17	UG/L	<54.90	<3.17	<32.20	<3.17
2-methyl-4,6-dinitrophenol	4.29	UG/L	<74.20	<4.29	<43.60	<4.29
2-methylphenol	1.51	UG/L	<26.10	<1.51	<15.40	<1.51
3-methylphenol(4-MP is unresolved)	4.4	UG/L	ND	ND	ND	ND
4-methylphenol(3-MP is unresolved)	4.22	UG/L	89.10	274.00	139.00	793.00
2,4,5-trichlorophenol	1.66	UG/L	<28.70	<1.66	<16.90	<1.66
Total Chlorinated Phenols	5.87	UG/L	0.00	0.00	0.00	0.00
Total Non-Chlorinated Phenols	6.07	UG/L	0.00	0.00	0.00	79.80
Phenols	6.07	UG/L	0.00	0.00	0.00	79.80

nd= not detected, NA= not analyzed NS= not sampled
 MDL based on 1 liter sample

METROBIOSOLIDS CENTER
 SLUDGE PROJECT - ANNUAL SUMMARY

Phenolics

From 01-JAN-2007 to 31-DEC-2007

Analyte	MDL	Units	MBCDEWCN	MBCDEWCN	MBCDEWCN	MBCDEWCN	Average
			28-FEB-2007 P375281	31-MAY-2007 P386675	31-AUG-2007 P397589	31-OCT-2007 P405179	
2,4,6-trichlorophenol	330	UG/KG	ND	ND	ND	ND	ND
2,4-dichlorophenol	330	UG/KG	ND	ND	ND	ND	ND
2,4-dimethylphenol	330	UG/KG	ND	ND	ND	ND	ND
2,4-dinitrophenol	330	UG/KG	ND	ND	ND	ND	ND
2-methyl-4,6-dinitrophenol	800	UG/KG	ND	ND	ND	ND	ND
2-chlorophenol	330	UG/KG	ND	ND	ND	ND	ND
2-nitrophenol	330	UG/KG	ND	ND	ND	ND	ND
4-chloro-3-methylphenol	330	UG/KG	ND	ND	ND	ND	ND
4-nitrophenol	800	UG/KG	ND	ND	ND	ND	ND
Pentachlorophenol	800	UG/KG	ND	ND	ND	ND	ND
Phenol	330	UG/KG	243000	255000	175000	168000	210250
Total Non-Chlorinated Phenols	800	UG/KG	255700	260700	182210	180600	219803
Total Chlorinated Phenols	800	UG/KG	0	0	0	0	0
Phenols	800	UG/KG	255700	260700	182210	180600	219803
Phenols average	800	UG/KG	22091	23182	15909	15273	19114

Additional analytes determined;

2-methylphenol	330	UG/KG	ND	ND	ND	ND	ND
3-methylphenol(4-MP is unresolved)	330	UG/KG	ND	NA	NA	NA	ND
4-methylphenol(3-MP is unresolved)	330	UG/KG	12700	5700	7210	12600	9553
2,4,5-trichlorophenol	800	UG/KG	ND	ND	ND	ND	ND

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

POINT LOMA WASTEWATER TREATMENT PLANT
SLUDGE PROJECT- ANNUAL SUMMARY

Priority Pollutants Purgeable Compounds, EPA Method 624

From 01-JAN-2007 to 31-DEC-2007

Analyte	MDL	Units	PLR	PLR	PLR	PLR	PLE	PLE
			14-FEB-2007 P370597	09-MAY-2007 P380440	08-AUG-2007 P392067	03-OCT-2007 P399269	14-FEB-2007 P370592	09-MAY-2007 P380435
1,2-dichlorobenzene	1	UG/L	ND	ND	ND	2.7	ND	ND
1,3-dichlorobenzene	1	UG/L	ND	ND	ND	ND	ND	ND
1,4-dichlorobenzene	1	UG/L	2.2	2.0	1.3	ND	1.9	1.9
Chloromethane	1	UG/L	ND	ND	ND	ND	ND	ND
Bromomethane	1	UG/L	ND	ND	ND	ND	ND	ND
Vinyl chloride	1	UG/L	ND	ND	ND	ND	ND	ND
Chloroethane	1	UG/L	ND	ND	ND	ND	ND	ND
1,1-dichloroethane	1	UG/L	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	1	UG/L	ND	ND	ND	ND	ND	ND
Methylene chloride	1	UG/L	2.6	2.0	2.7	1.5	3.4	2.3
1,1-dichloroethene	1	UG/L	ND	ND	ND	ND	ND	ND
trans-1,2-dichloroethene	1	UG/L	ND	ND	ND	ND	ND	ND
Chloroform	1	UG/L	5.4	3.9	4.2	3.0	5.1	4.7
1,2-dichloroethane	1	UG/L	ND	ND	ND	ND	ND	ND
1,1,1-trichloroethane	1	UG/L	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	1	UG/L	ND	ND	ND	ND	ND	ND
Bromodichloromethane	1	UG/L	ND	ND	ND	ND	ND	ND
1,2-dichloropropane	1	UG/L	ND	ND	ND	ND	ND	ND
trans-1,3-dichloropropene	1	UG/L	ND	ND	ND	ND	ND	ND
Trichloroethene	1	UG/L	ND	ND	ND	ND	ND	ND
Benzene	1	UG/L	ND	ND	ND	ND	ND	ND
Dibromochloromethane	1	UG/L	ND	ND	ND	ND	ND	ND
1,1,2-trichloroethane	1	UG/L	ND	ND	ND	ND	ND	1.1
cis-1,3-dichloropropene	1	UG/L	ND	ND	ND	ND	ND	ND
2-chloroethylvinyl ether	1	UG/L	ND	ND	ND	ND	ND	ND
Bromoform	1	UG/L	ND	ND	ND	ND	ND	ND
1,1,2,2-tetrachloroethane	1	UG/L	ND	ND	ND	ND	ND	ND
Tetrachloroethene	1	UG/L	ND	ND	ND	ND	ND	ND
Chlorobenzene	1	UG/L	ND	ND	ND	ND	ND	ND
Toluene	1	UG/L	ND	1.1	ND	ND	1.9	1.5
Ethylbenzene	1	UG/L	ND	ND	ND	ND	ND	ND
Acrylonitrile	13.8	UG/L	ND	ND	ND	ND	ND	ND
Acrolein	11.4	UG/L	ND	ND	ND	ND	ND	ND
Halomethane Purgeable Cmpnds	1	UG/L	0.0	0.0	0.0	0.0	0.0	0.0
Total Dichlorobenzenes	1	UG/L	0.0	0.0	0.0	2.7	0.0	0.0
Purgeable Compounds	13.8	UG/L	10.2	9.0	8.2	7.2	12.3	11.5

Additional volatile organic compounds determined:

Allyl chloride	1	UG/L	ND	ND	ND	ND	ND	ND
4-methyl-2-pentanone	6.1	UG/L	ND	ND	ND	ND	ND	ND
meta,para xylenes	3.1	UG/L	ND	ND	ND	ND	ND	ND
Styrene	4.7	UG/L	ND	ND	ND	ND	ND	ND
1,2,4-trichlorobenzene	4.9	UG/L	ND	ND	ND	ND	ND	ND
Methyl Iodide	1	UG/L	ND	ND	ND	ND	ND	ND
Chloroprene	1.4	UG/L	ND	ND	ND	ND	ND	ND
Methyl methacrylate	4.6	UG/L	ND	ND	ND	ND	ND	ND
2-nitropropane	10	UG/L	ND	ND	ND	ND	ND	ND
1,2-dibromoethane	3.3	UG/L	ND	ND	ND	ND	ND	ND
Isopropylbenzene	4.4	UG/L	ND	ND	ND	ND	ND	ND
Benzyl chloride	7.2	UG/L	ND	ND	ND	ND	ND	ND
ortho-xylene	3.4	UG/L	ND	ND	ND	ND	ND	ND
Acetone	20	UG/L	920.0	739.0	1610.0	534.0	1060.0	1010.0
Carbon disulfide	1	UG/L	1.2	1.3	1.4	1.1	4.6	1.2
2-butanone	4	UG/L	7.6	5.2	<4.0	ND	5.0	6.4

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

POINT LOMA WASTEWATER TREATMENT PLANT / METROBIOSOLIDS CENTER
SLUDGE PROJECT- ANNUAL SUMMARY

Priority Pollutants Purgeable Compounds, EPA Method 624

From 01-JAN-2007 to 31-DEC-2007

Analyte	MDL	Units	PLE	PLE	MBC_COMBCN	MBC_COMBCN	MBC_COMBCN	MBC_COMBCN
			08-AUG-2007 P392062	03-OCT-2007 P399264	14-FEB-2007 P370607	09-MAY-2007 P380450	08-AUG-2007 P392077	03-OCT-2007 P399279
1,2-dichlorobenzene	1	UG/L	ND	1.2	ND	ND	ND	ND
1,3-dichlorobenzene	1	UG/L	ND	ND	ND	ND	ND	ND
1,4-dichlorobenzene	1	UG/L	1.4	ND	2.7	1.8	1.5	ND
Chloromethane	1	UG/L	ND	ND	ND	ND	ND	ND
Bromomethane	1	UG/L	ND	ND	ND	ND	ND	ND
Vinyl chloride	1	UG/L	ND	ND	ND	ND	ND	ND
Chloroethane	1	UG/L	ND	ND	ND	ND	ND	ND
1,1-dichloroethane	1	UG/L	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	1	UG/L	ND	ND	ND	ND	ND	ND
Methylene chloride	1	UG/L	3.7	1.9	1.8	1.8	1.4	5.3
1,1-dichloroethene	1	UG/L	ND	ND	ND	ND	ND	ND
trans-1,2-dichloroethene	1	UG/L	ND	ND	ND	ND	ND	ND
Chloroform	1	UG/L	4.5	3.9	1.2	3.5	2.7	6.9
1,2-dichloroethane	1	UG/L	ND	ND	ND	ND	ND	ND
1,1,1-trichloroethane	1	UG/L	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	1	UG/L	ND	ND	ND	ND	ND	ND
Bromodichloromethane	1	UG/L	ND	ND	ND	ND	ND	ND
1,2-dichloropropane	1	UG/L	ND	ND	ND	ND	ND	ND
trans-1,3-dichloropropene	1	UG/L	ND	ND	ND	ND	ND	ND
Trichloroethene	1	UG/L	ND	ND	ND	ND	ND	ND
Benzene	1	UG/L	ND	ND	ND	ND	ND	ND
Dibromochloromethane	1	UG/L	ND	ND	ND	ND	ND	ND
1,1,2-trichloroethane	1	UG/L	ND	ND	ND	ND	ND	ND
cis-1,3-dichloropropene	1	UG/L	ND	ND	ND	ND	ND	ND
2-chloroethylvinyl ether	1	UG/L	ND	ND	ND	ND	ND	ND
Bromoform	1	UG/L	ND	ND	ND	ND	ND	ND
1,1,2,2-tetrachloroethane	1	UG/L	ND	ND	ND	ND	ND	ND
Tetrachloroethene	1	UG/L	ND	ND	ND	ND	ND	ND
Chlorobenzene	1	UG/L	ND	ND	ND	ND	ND	ND
Toluene	1	UG/L	1.4	ND	1.4	2.0	1.2	ND
Ethylbenzene	1	UG/L	ND	ND	ND	ND	ND	ND
Acrylonitrile	13.8	UG/L	ND	ND	ND	ND	ND	ND
Acrolein	11.4	UG/L	ND	ND	ND	ND	ND	ND
Halomethane Purgeable Cmpnds	1	UG/L	0.0	0.0	0.0	0.0	0.0	0.0
Total Dichlorobenzenes	1	UG/L	0.0	1.2	0.0	0.0	0.0	0.0
Purgeable Compounds	13.8	UG/L	11.0	7.0	7.1	9.1	6.8	12.2

Additional volatile organic compounds determined;

Allyl chloride	1	UG/L	ND	ND	ND	ND	ND	ND
4-methyl-2-pentanone	6.1	UG/L	ND	ND	ND	ND	ND	ND
meta,para xylenes	3.1	UG/L	ND	ND	ND	ND	ND	ND
Styrene	4.7	UG/L	ND	ND	ND	ND	ND	ND
1,2,4-trichlorobenzene	4.9	UG/L	ND	ND	ND	ND	ND	ND
Methyl Iodide	1	UG/L	ND	ND	ND	ND	ND	ND
Chloroprene	1.4	UG/L	ND	ND	ND	ND	ND	ND
Methyl methacrylate	4.6	UG/L	ND	ND	ND	ND	ND	ND
2-nitropropane	10	UG/L	ND	ND	ND	ND	ND	ND
1,2-dibromoethane	3.3	UG/L	ND	ND	ND	ND	ND	ND
Isopropylbenzene	4.4	UG/L	ND	ND	ND	ND	ND	ND
Benzyl chloride	7.2	UG/L	ND	ND	ND	ND	ND	ND
ortho-xylene	3.4	UG/L	ND	ND	ND	ND	ND	ND
Acetone	20	UG/L	2820.0	405.0	135.0	189.0	83.3	143.0
Carbon disulfide	1	UG/L	3.9	ND	ND	ND	ND	ND
2-butanone	4	UG/L	4.2	4.4	8.7	9.3	5.7	11.8

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

POINT LOMA WASTEWATER TREATMENT PLANT
SLUDGE PROJECT- ANNUAL SUMMARY

Priority Pollutants Purgeable Compounds, EPA Method 624

From 01-JAN-2007 to 31-DEC-2007

Analyte	MDL	Units	DIG COMP	DIG COMP	DIG COMP	DIG COMP	RAW COMP	RAW COMP
			13-FEB-2007 P370643	08-MAY-2007 P380486	07-AUG-2007 P392113	02-OCT-2007 P399315	13-FEB-2007 P370629	08-MAY-2007 P380472
1,2-dichlorobenzene	28.7	UG/KG	ND	ND	146.0	ND	ND	ND
1,3-dichlorobenzene	16.1	UG/KG	ND	ND	ND	ND	ND	ND
1,4-dichlorobenzene		UG/KG	343.0	979.0	824.0	191.0	760.0	850.0
Chloromethane	25.8	UG/KG	ND	ND	ND	ND	ND	ND
Bromomethane	29.2	UG/KG	ND	ND	ND	ND	ND	ND
Vinyl chloride	26.2	UG/KG	ND	ND	ND	ND	ND	ND
Chloroethane	61	UG/KG	ND	ND	ND	ND	ND	ND
1,1-dichloroethane	25.7	UG/KG	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	28	UG/KG	ND	ND	ND	ND	ND	ND
Methylene chloride	62.5	UG/KG	229.0	ND	ND	282.0	507.0	6780.0
1,1-dichloroethene	25.1	UG/KG	ND	ND	ND	ND	ND	ND
trans-1,2-dichloroethene	24.9	UG/KG	ND	ND	ND	ND	ND	ND
Chloroform	25.6	UG/KG	ND	ND	ND	ND	75.5	ND
1,2-dichloroethane	20.5	UG/KG	ND	ND	ND	ND	ND	ND
1,1,1-trichloroethane	27.4	UG/KG	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	15.6	UG/KG	ND	ND	ND	ND	ND	ND
Bromodichloromethane	17	UG/KG	ND	ND	ND	ND	ND	ND
1,2-dichloropropane	25.5	UG/KG	ND	ND	ND	ND	ND	ND
trans-1,3-dichloropropene	17	UG/KG	ND	ND	ND	ND	ND	ND
Trichloroethene	25.3	UG/KG	ND	ND	ND	ND	ND	ND
Benzene	26.5	UG/KG	ND	ND	ND	ND	ND	ND
Dibromochloromethane	24.2	UG/KG	ND	ND	ND	ND	ND	ND
1,1,2-trichloroethane	35.1	UG/KG	ND	ND	ND	ND	ND	ND
cis-1,3-dichloropropene	21.5	UG/KG	ND	ND	ND	ND	ND	ND
2-chloroethylvinyl ether	53.6	UG/KG	ND	ND	ND	ND	ND	ND
Bromoform	26.1	UG/KG	ND	ND	ND	ND	ND	ND
1,1,2,2-tetrachloroethane	64	UG/KG	ND	ND	ND	ND	ND	ND
Tetrachloroethene	21.5	UG/KG	ND	ND	ND	ND	82.0	ND
Chlorobenzene	31.1	UG/KG	ND	ND	ND	ND	ND	ND
Toluene	48	UG/KG	ND	ND	ND	ND	560.0	314.0
Ethylbenzene	90.5	UG/KG	ND	ND	ND	ND	ND	ND
Acrylonitrile	275	UG/KG	ND	ND	ND	ND	ND	ND
Acrolein	70.9	UG/KG	ND	ND	ND	ND	ND	ND
Halomethane Purgeable Cmpnds	29.2	UG/KG	0.0	0.0	0.0	0.0	0.0	0.0
Total Dichlorobenzenes	28.7	UG/KG	0.0	0.0	146.0	0.0	0.0	0.0
Purgeable Compounds	275	UG/KG	572.0	979.0	970.0	473.0	1984.5	7944.0

Additional volatile organic compounds determined:

Analyte	MDL	Units	DIG COMP	DIG COMP	DIG COMP	DIG COMP	RAW COMP	RAW COMP
			13-FEB-2007 P370643	08-MAY-2007 P380486	07-AUG-2007 P392113	02-OCT-2007 P399315	13-FEB-2007 P370629	08-MAY-2007 P380472
Allyl chloride	25	UG/KG	ND	ND	ND	ND	ND	ND
4-methyl-2-pentanone	24	UG/KG	ND	ND	ND	ND	ND	ND
meta,para xylenes	35	UG/KG	ND	208.0	178.0	ND	290.0	378.0
Styrene	19	UG/KG	ND	ND	ND	ND	ND	1060.0
1,2,4-trichlorobenzene	17	UG/KG	ND	ND	ND	ND	ND	ND
Methyl Iodide	19	UG/KG	ND	ND	ND	ND	ND	ND
Chloroprene	17	UG/KG	ND	ND	ND	ND	ND	ND
Methyl methacrylate	36	UG/KG	ND	ND	ND	ND	ND	ND
2-nitropropane		UG/KG	ND	ND	ND	ND	ND	ND
1,2-dibromoethane	17	UG/KG	ND	ND	ND	ND	ND	ND
Isopropylbenzene	17	UG/KG	ND	ND	26.0	ND	ND	ND
Benzyl chloride	38	UG/KG	ND	ND	ND	ND	ND	ND
ortho-xylene	23	UG/KG	ND	ND	ND	ND	90.0	145.0
Acetone	185	UG/KG	3090.0	3960.0	2750.0	1760.0	94000.0	67700.0
Carbon disulfide	34	UG/KG	186.0	272.0	206.0	201.0	246.0	120.0
2-butanone		UG/KG	938.0	1570.0	1140.0	768.0	10600.0	2090.0

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

POINT LOMA WASTEWATER TREATMENT PLANT
SLUDGE PROJECT- ANNUAL SUMMARY

Priority Pollutants Purgeable Compounds, EPA Method 624

From 01-JAN-2007 to 31-DEC-2007

Analyte	MDL	Units	RAW COMP	RAW COMP
			07-AUG-2007 P392099	02-OCT-2007 P399301
1,2-dichlorobenzene	28.7	UG/KG	ND	ND
1,3-dichlorobenzene	16.1	UG/KG	ND	ND
1,4-dichlorobenzene		UG/KG	631.0	197.0
Chloromethane	25.8	UG/KG	ND	ND
Bromomethane	29.2	UG/KG	ND	ND
Vinyl chloride	26.2	UG/KG	ND	ND
Chloroethane	61	UG/KG	ND	ND
1,1-dichloroethane	25.7	UG/KG	ND	ND
Trichlorofluoromethane	28	UG/KG	ND	ND
Methylene chloride	62.5	UG/KG	282.0	177.0
1,1-dichloroethene	25.1	UG/KG	ND	ND
trans-1,2-dichloroethene	24.9	UG/KG	ND	ND
Chloroform	25.6	UG/KG	ND	ND
1,2-dichloroethane	20.5	UG/KG	ND	ND
1,1,1-trichloroethane	27.4	UG/KG	ND	ND
Carbon tetrachloride	15.6	UG/KG	ND	ND
Bromodichloromethane	17	UG/KG	ND	ND
1,2-dichloropropane	25.5	UG/KG	ND	ND
trans-1,3-dichloropropene	17	UG/KG	ND	ND
Trichloroethene	25.3	UG/KG	ND	ND
Benzene	26.5	UG/KG	ND	ND
Dibromochloromethane	24.2	UG/KG	ND	ND
1,1,2-trichloroethane	35.1	UG/KG	ND	ND
cis-1,3-dichloropropene	21.5	UG/KG	ND	ND
2-chloroethylvinyl ether	53.6	UG/KG	ND	ND
Bromoform	26.1	UG/KG	ND	ND
1,1,2,2-tetrachloroethane	64	UG/KG	ND	ND
Tetrachloroethene	21.5	UG/KG	ND	ND
Chlorobenzene	31.1	UG/KG	ND	ND
Toluene	48	UG/KG	267.0	113.0
Ethylbenzene	90.5	UG/KG	ND	ND
Acrylonitrile	275	UG/KG	ND	ND
Acrolein	70.9	UG/KG	ND	ND
Halomethane Purgeable Cmpnds	29.2	UG/KG	0.0	0.0
Total Dichlorobenzenes	28.7	UG/KG	0.0	0.0
Purgeable Compounds	275	UG/KG	1180.0	487.0

Additional volatile organic compounds determined;

Allyl chloride	25	UG/KG	ND	ND
4-methyl-2-pentanone	24	UG/KG	ND	ND
meta,para xylenes	35	UG/KG	203.0	131.0
Styrene	19	UG/KG	34.1	ND
1,2,4-trichlorobenzene	17	UG/KG	ND	ND
Methyl Iodide	19	UG/KG	ND	ND
Chloroprene	17	UG/KG	ND	ND
Methyl methacrylate	36	UG/KG	ND	ND
2-nitropropane		UG/KG	ND	ND
1,2-dibromoethane	17	UG/KG	ND	ND
Isopropylbenzene	17	UG/KG	ND	ND
Benzyl chloride	38	UG/KG	ND	ND
ortho-xylene	23	UG/KG	ND	ND
Acetone	185	UG/KG	21500.0	21700.0
Carbon disulfide	34	UG/KG	68.8	119.0
2-butanone		UG/KG	1790.0	1690.0

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

METROBIOSOLIDS CENTER
 SLUDGE PROJECT - ANNUAL SUMMARY

Priority Pollutants Purgeable Compounds, SW 846 8260B

From 01-JAN-2007 to 31-DEC-2007

Analyte	MDL	Units	MBCDEWCN	MBCDEWCN	MBCDEWCN	MBCDEWCN	MBCDEWCN	MBCDEWCN
			31-JAN-2007 P372264	28-FEB-2007 P375281	31-MAR-2007 P378764	30-APR-2007 P383441	31-MAY-2007 P386675	30-JUN-2007 P389803
1,2-dichlorobenzene	28.7	UG/KG	ND	ND	ND	ND	ND	ND
1,3-dichlorobenzene	16.1	UG/KG	ND	ND	ND	ND	ND	ND
1,4-dichlorobenzene		UG/KG	98.4	147.0	123.0	132.0	105.0	137.0
Chloromethane	25.8	UG/KG	ND	ND	ND	ND	ND	ND
Bromomethane	29.2	UG/KG	ND	ND	ND	ND	ND	ND
Vinyl chloride	26.2	UG/KG	ND	ND	ND	ND	ND	ND
Chloroethane	61	UG/KG	ND	ND	ND	ND	ND	ND
1,1-dichloroethane	25.7	UG/KG	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	28	UG/KG	ND	ND	ND	ND	ND	ND
Methylene chloride	62.5	UG/KG	ND	ND	<62.5	ND	ND	ND
1,1-dichloroethene	25.1	UG/KG	ND	ND	ND	ND	ND	ND
trans-1,2-dichloroethene	24.9	UG/KG	ND	ND	ND	ND	ND	ND
Chloroform	25.6	UG/KG	ND	ND	ND	ND	ND	ND
1,2-dichloroethane	20.5	UG/KG	ND	ND	ND	ND	ND	ND
1,1,1-trichloroethane	27.4	UG/KG	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	15.6	UG/KG	ND	ND	ND	ND	ND	ND
Bromodichloromethane	17	UG/KG	ND	ND	ND	ND	ND	ND
1,2-dichloropropane	25.5	UG/KG	ND	ND	ND	ND	ND	ND
trans-1,3-dichloropropene	17	UG/KG	ND	ND	ND	ND	ND	ND
Trichloroethene	25.3	UG/KG	ND	ND	ND	ND	ND	ND
Benzene	26.5	UG/KG	ND	ND	ND	ND	ND	ND
Dibromochloromethane	24.2	UG/KG	ND	ND	ND	ND	ND	ND
1,1,2-trichloroethane	35.1	UG/KG	<35.1	ND	ND	ND	ND	ND
cis-1,3-dichloropropene	21.5	UG/KG	ND	ND	ND	ND	ND	ND
2-chloroethylvinyl ether	53.6	UG/KG	ND	ND	ND	ND	ND	ND
Bromoform	26.1	UG/KG	ND	ND	ND	ND	ND	ND
1,1,2,2-tetrachloroethane	64	UG/KG	ND	ND	ND	ND	ND	ND
Tetrachloroethene	21.5	UG/KG	ND	ND	ND	ND	ND	ND
Toluene	48	UG/KG	ND	ND	ND	ND	ND	ND
Chlorobenzene	31.1	UG/KG	ND	ND	ND	ND	ND	ND
Ethylbenzene	90.5	UG/KG	ND	ND	ND	ND	ND	ND
Acrylonitrile	275	UG/KG	ND	ND	ND	ND	ND	ND
Acrolein	70.9	UG/KG	ND	ND	ND	ND	ND	ND
Halomethane Purgeable Cmpnds			0.0	0.0	0.0	0.0	0.0	0.0
Total Dichlorobenzenes			0.0	0.0	0.0	0.0	0.0	0.0
Purgeable Compounds			98.4	147.0	<123.0	132.0	105.0	137.0

Additional volatile organic compounds determined:

Allyl chloride	25	UG/KG	ND	ND	ND	ND	ND	ND
4-methyl-2-pentanone	24	UG/KG	ND	<24.0	ND	ND	ND	ND
meta,para xylenes	35	UG/KG	ND	ND	ND	ND	ND	<35.0
Styrene	19	UG/KG	ND	ND	ND	ND	ND	<19.0
1,2,4-trichlorobenzene	330	UG/KG	ND	ND	ND	ND	ND	ND
Methyl Iodide	19	UG/KG	ND	ND	ND	ND	ND	ND
Chloroprene	17	UG/KG	ND	ND	ND	ND	ND	ND
Methyl methacrylate	36	UG/KG	ND	ND	ND	ND	ND	ND
2-nitropropane		UG/KG	ND	ND	ND	ND	ND	ND
1,2-dibromoethane	17	UG/KG	ND	ND	ND	ND	ND	ND
Isopropylbenzene	17	UG/KG	ND	ND	ND	ND	ND	ND
Benzyl chloride	38	UG/KG	ND	ND	ND	ND	ND	ND
ortho-xylene	23	UG/KG	ND	ND	ND	ND	ND	ND
Acetone	185	UG/KG	9370.0	15900.0	3200.0	3040.0	9160.0	7630.0
Carbon disulfide	34	UG/KG	114.0	88.6	43.9	51.7	57.8	121.0
2-butanone		UG/KG	10100.0	7050.0	1030.0	960.0	2650.0	3260.0
Methyl tert-butyl ether	34	UG/KG	ND	ND	ND	ND	ND	ND

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

METROBIOSOLIDS CENTER
 SLUDGE PROJECT - ANNUAL SUMMARY

Priority Pollutants Purgeable Compounds, SW 846 8260B

From 01-JAN-2007 to 31-DEC-2007

Analyte	MDL	Units	MBCDEWCN	MBCDEWCN	MBCDEWCN	MBCDEWCN	MBCDEWCN	MBCDEWCN
			31-JUL-2007 P394386	31-AUG-2007 P397589	30-SEP-2007 P401129	31-OCT-2007 P405179	30-NOV-2007 P409007	31-DEC-2007 P412358
1,2-dichlorobenzene	28.7	UG/KG	ND	<28.7	ND	30.9	<28.7	29.5
1,3-dichlorobenzene	16.1	UG/KG	ND	ND	ND	ND	ND	ND
1,4-dichlorobenzene		UG/KG	120.0	122.0	108.0	62.9	91.5	83.0
Chloromethane	25.8	UG/KG	ND	ND	ND	ND	ND	ND
Bromomethane	29.2	UG/KG	ND	ND	ND	ND	ND	ND
Vinyl chloride	26.2	UG/KG	ND	ND	ND	ND	<26.2	ND
Chloroethane	61	UG/KG	ND	ND	ND	ND	ND	ND
1,1-dichloroethane	25.7	UG/KG	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	28	UG/KG	ND	ND	ND	ND	ND	ND
Methylene chloride	62.5	UG/KG	ND	ND	ND	ND	ND	ND
1,1-dichloroethene	25.1	UG/KG	ND	ND	ND	ND	ND	ND
trans-1,2-dichloroethene	24.9	UG/KG	ND	ND	ND	ND	ND	ND
Chloroform	25.6	UG/KG	ND	ND	ND	ND	ND	ND
1,2-dichloroethane	20.5	UG/KG	ND	ND	ND	ND	ND	ND
1,1,1-trichloroethane	27.4	UG/KG	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	15.6	UG/KG	ND	ND	ND	ND	ND	ND
Bromodichloromethane	17	UG/KG	ND	ND	ND	ND	ND	ND
1,2-dichloropropane	25.5	UG/KG	ND	ND	ND	ND	ND	ND
trans-1,3-dichloropropene	17	UG/KG	ND	ND	ND	ND	ND	ND
Trichloroethene	25.3	UG/KG	ND	ND	ND	ND	ND	ND
Benzene	26.5	UG/KG	ND	ND	ND	ND	ND	ND
Dibromochloromethane	24.2	UG/KG	ND	ND	ND	ND	ND	ND
1,1,2-trichloroethane	35.1	UG/KG	ND	ND	ND	ND	ND	ND
cis-1,3-dichloropropene	21.5	UG/KG	ND	ND	ND	ND	ND	ND
2-chloroethylvinyl ether	53.6	UG/KG	ND	ND	ND	ND	ND	ND
Bromoform	26.1	UG/KG	ND	ND	ND	ND	ND	ND
1,1,2,2-tetrachloroethane	64	UG/KG	ND	ND	ND	ND	ND	ND
Tetrachloroethene	21.5	UG/KG	ND	ND	ND	ND	ND	ND
Toluene	48	UG/KG	ND	ND	ND	ND	ND	ND
Chlorobenzene	31.1	UG/KG	ND	ND	ND	ND	ND	ND
Ethylbenzene	90.5	UG/KG	ND	ND	ND	ND	ND	ND
Acrylonitrile	275	UG/KG	ND	ND	ND	ND	ND	ND
Acrolein	70.9	UG/KG	ND	ND	ND	ND	ND	ND
Halomethane Purgeable Cmpnds			0.0	0.0	0.0	0.0	0.0	0.0
Total Dichlorobenzenes			0.0	0.0	0.0	30.9	0.0	29.5
Purgeable Compounds			120.0	122.0	108.0	93.8	91.5	112.5

Additional volatile organic compounds determined;

Analyte	MDL	Units	31-JUL-2007	31-AUG-2007	30-SEP-2007	31-OCT-2007	30-NOV-2007	31-DEC-2007
Allyl chloride	25	UG/KG	ND	ND	ND	ND	ND	ND
4-methyl-2-pentanone	24	UG/KG	37.5	ND	ND	ND	ND	ND
meta,para xylenes	35	UG/KG	ND	<35.0	<35.0	<35.0	ND	ND
Styrene	19	UG/KG	ND	<19.0	ND	ND	ND	ND
1,2,4-trichlorobenzene	330	UG/KG	<17.0	ND	ND	ND	ND	ND
Methyl Iodide	19	UG/KG	ND	ND	ND	ND	ND	ND
Chloroprene	17	UG/KG	ND	ND	ND	ND	ND	ND
Methyl methacrylate	36	UG/KG	ND	ND	ND	ND	ND	ND
2-nitropropane		UG/KG	ND	ND	ND	ND	ND	ND
1,2-dibromoethane	17	UG/KG	ND	ND	ND	ND	ND	ND
Isopropylbenzene	17	UG/KG	ND	ND	ND	ND	ND	ND
Benzyl chloride	38	UG/KG	ND	ND	ND	ND	ND	ND
ortho-xylene	23	UG/KG	ND	ND	ND	ND	ND	ND
Acetone	185	UG/KG	10000.0	10500.0	5760.0	5850.0	6790.0	4150.0
Carbon disulfide	34	UG/KG	64.1	81.2	62.9	79.6	96.6	70.0
2-butanone		UG/KG	3260.0	2950.0	1290.0	3560.0	2860.0	1730.0
Methyl tert-butyl ether	34	UG/KG	ND	ND	ND	ND	ND	ND

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

POINT LOMA WASTEWATER TREATMENT PLANT
SLUDGE PROJECT - ANNUAL SUMMARY

Priority Pollutants Base/Neutral Compounds, EPA Method 625 & 605

From 01-JAN-2007 to 31-DEC-2007

Analyte	MDL	Units	PLE	PLE	PLE	PLE	PLR	PLR
			13-FEB-2007 P370589	08-MAY-2007 P380432	07-AUG-2007 P392059	02-OCT-2007 P399261	13-FEB-2007 P370594	08-MAY-2007 P380437
bis(2-chloroethyl) ether	2.62	UG/L	ND	ND	ND	ND	ND	ND
Bis-(2-chloroisopropyl) ether	8.95	UG/L	ND	ND	ND	ND	ND	ND
N-nitrosodi-n-propylamine	1.63	UG/L	ND	ND	ND	ND	ND	ND
Nitrobenzene	1.52	UG/L	ND	ND	ND	ND	ND	ND
Hexachloroethane	3.55	UG/L	ND	ND	ND	ND	ND	ND
Isophorone	1.93	UG/L	ND	ND	ND	ND	ND	ND
bis(2-chloroethoxy)methane	1.57	UG/L	ND	ND	ND	ND	ND	ND
1,2,4-trichlorobenzene	1.44	UG/L	ND	ND	ND	ND	ND	ND
Naphthalene	1.52	UG/L	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	2.87	UG/L	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene		UG/L	ND	ND	ND	ND	ND	ND
2-chloronaphthalene	2.41	UG/L	ND	ND	ND	ND	ND	ND
Acenaphthylene	2.02	UG/L	ND	ND	ND	ND	ND	ND
Dimethyl phthalate	3.26	UG/L	ND	ND	ND	ND	ND	ND
2,6-dinitrotoluene	1.93	UG/L	ND	ND	ND	ND	ND	ND
Acenaphthene	2.2	UG/L	ND	ND	ND	ND	ND	ND
2,4-dinitrotoluene	1.49	UG/L	ND	ND	ND	ND	ND	ND
Fluorene	2.43	UG/L	ND	ND	ND	ND	ND	ND
4-chlorophenyl phenyl ether	3.62	UG/L	ND	ND	ND	ND	ND	ND
Diethyl phthalate	6.97	UG/L	ND	ND	ND	ND	ND	ND
N-nitrosodiphenylamine	2.96	UG/L	ND	ND	ND	ND	ND	ND
4-bromophenyl phenyl ether	4.04	UG/L	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	4.8	UG/L	ND	ND	ND	ND	ND	ND
Phenanthrene	4.15	UG/L	ND	ND	ND	ND	ND	ND
Anthracene	4.04	UG/L	ND	ND	ND	ND	ND	ND
Di-n-butyl phthalate	6.49	UG/L	ND	ND	ND	ND	ND	ND
N-nitrosodimethylamine	2.01	UG/L	ND	ND	ND	ND	ND	ND
Fluoranthene	6.9	UG/L	ND	ND	ND	ND	ND	ND
Pyrene	5.19	UG/L	ND	ND	ND	ND	ND	ND
Butyl benzyl phthalate	4.77	UG/L	ND	ND	ND	ND	ND	ND
Chrysene	7.49	UG/L	ND	ND	ND	ND	ND	ND
Benzo[A]anthracene	7.68	UG/L	ND	ND	ND	ND	ND	ND
Bis-(2-ethylhexyl) phthalate	10.43	UG/L	ND	ND	ND	ND	26.0	ND
Di-n-octyl phthalate	8.59	UG/L	ND	ND	ND	ND	ND	ND
Benzo[K]fluoranthene	7.36	UG/L	ND	ND	ND	ND	ND	ND
3,4-benzo(B)fluoranthene	6.63	UG/L	ND	ND	ND	ND	ND	ND
Benzo[Al]pyrene	6.53	UG/L	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-CD)pyrene	6.27	UG/L	ND	ND	ND	ND	ND	ND
Dibenzo(A,H)anthracene	6.19	UG/L	ND	ND	ND	ND	ND	ND
Benzo[G,H,I]perylene	6.5	UG/L	ND	ND	ND	ND	ND	ND
1,2-diphenylhydrazine	2.49	UG/L	ND	ND	ND	ND	ND	ND
Polynuc. Aromatic Hydrocarbons	7.68	UG/L	0.0	0.0	0.0	0.0	0.0	0.0
Base/Neutral Compounds	10.43	UG/L	0.0	0.0	0.0	0.0	26.0	0.0

Additional analytes determined;

1-methylnaphthalene	2.18	UG/L	ND	ND	ND	ND	ND	ND
2-methylnaphthalene	2.25	UG/L	ND	ND	ND	ND	ND	ND
2,6-dimethylnaphthalene	3.31	UG/L	ND	ND	ND	ND	ND	ND
2,3,5-trimethylnaphthalene	4.4	UG/L	ND	ND	ND	ND	ND	ND
1-methylphenanthrene	6.29	UG/L	ND	ND	ND	ND	ND	ND
Benzo[e]pyrene	7.67	UG/L	ND	ND	ND	ND	ND	ND
Perylene	6.61	UG/L	ND	ND	ND	ND	ND	ND
Biphenyl	2.43	UG/L	ND	ND	ND	ND	ND	ND

nd= not detected, NA= not analyzed, NS= not sampled
MDL based on 1 liter sample

POINT LOMA WASTEWATER TREATMENT PLANT/ METROBIOSOLIDS CENTER
SLUDGE PROJECT - ANNUAL SUMMARY

Priority Pollutants Base/Neutral Compounds, EPA Method 625 & 605

From 01-JAN-2007 to 31-DEC-2007

Analyte	MDL	Units	PLR	PLR	MBC_COMBCN	MBC_COMBCN	MBC_COMBCN
			07-AUG-2007 P392064	02-OCT-2007 P399266	08-MAY-2007 P380447	07-AUG-2007 P392074	02-OCT-2007 P399276
bis(2-chloroethyl) ether	2.62	UG/L	ND	ND	ND	ND	ND
Bis-(2-chloroisopropyl) ether	8.95	UG/L	ND	ND	ND	ND	ND
N-nitrosodi-n-propylamine	1.63	UG/L	ND	ND	ND	ND	ND
Nitrobenzene	1.52	UG/L	ND	ND	ND	ND	ND
Hexachloroethane	3.55	UG/L	ND	ND	ND	ND	ND
Isophorone	1.93	UG/L	ND	ND	ND	ND	ND
bis(2-chloroethoxy)methane	1.57	UG/L	ND	ND	ND	ND	ND
1,2,4-trichlorobenzene	1.44	UG/L	ND	ND	ND	ND	ND
Naphthalene	1.52	UG/L	ND	ND	ND	ND	ND
Hexachlorobutadiene	2.87	UG/L	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene		UG/L	ND	ND	ND	ND	ND
2-chloronaphthalene	2.41	UG/L	ND	ND	ND	ND	ND
Acenaphthylene	2.02	UG/L	ND	ND	ND	ND	ND
Dimethyl phthalate	3.26	UG/L	ND	ND	ND	ND	ND
2,6-dinitrotoluene	1.93	UG/L	ND	ND	ND	ND	ND
Acenaphthene	2.2	UG/L	ND	ND	ND	ND	ND
2,4-dinitrotoluene	1.49	UG/L	ND	ND	ND	ND	ND
Fluorene	2.43	UG/L	ND	ND	ND	ND	ND
4-chlorophenyl phenyl ether	3.62	UG/L	ND	ND	ND	ND	ND
Diethyl phthalate	6.97	UG/L	ND	ND	ND	ND	ND
N-nitrosodiphenylamine	2.96	UG/L	ND	ND	ND	ND	ND
4-bromophenyl phenyl ether	4.04	UG/L	ND	ND	ND	ND	ND
Hexachlorobenzene	4.8	UG/L	ND	ND	ND	ND	ND
Phenanthrene	4.15	UG/L	ND	ND	ND	ND	ND
Anthracene	4.04	UG/L	ND	ND	ND	ND	ND
Di-n-butyl phthalate	6.49	UG/L	ND	ND	ND	ND	ND
N-nitrosodimethylamine	2.01	UG/L	ND	ND	ND	ND	ND
Fluoranthene	6.9	UG/L	ND	ND	ND	ND	ND
Pyrene	5.19	UG/L	ND	ND	ND	ND	ND
Butyl benzyl phthalate	4.77	UG/L	ND	ND	ND	ND	ND
Chrysene	7.49	UG/L	ND	ND	ND	ND	ND
Benzo[A]anthracene	7.68	UG/L	ND	ND	ND	ND	ND
Bis-(2-ethylhexyl) phthalate	10.43	UG/L	34.8	46.7	ND	14.2	14.3
Di-n-octyl phthalate	8.59	UG/L	ND	ND	ND	ND	ND
Benzo[K]fluoranthene	7.36	UG/L	ND	ND	ND	ND	ND
3,4-benzo(B)fluoranthene	6.63	UG/L	ND	ND	ND	ND	ND
Benzo[A]pyrene	6.53	UG/L	ND	ND	ND	ND	ND
Indeno(1,2,3-CD)pyrene	6.27	UG/L	ND	ND	ND	ND	ND
Dibenzo(A,H)anthracene	6.19	UG/L	ND	ND	ND	ND	ND
Benzo[G,H,I]perylene	6.5	UG/L	ND	ND	ND	ND	ND
1,2-diphenylhydrazine	2.49	UG/L	ND	ND	ND	ND	ND
Polynuc. Aromatic Hydrocarbons	7.68	UG/L	0.0	0.0	0.0	0.0	0.0
Base/Neutral Compounds	10.43	UG/L	34.8	46.7	0.0	14.2	14.3

Additional analytes determined:

1-methylnaphthalene	2.18	UG/L	ND	ND	ND	ND	ND
2-methylnaphthalene	2.25	UG/L	ND	ND	ND	ND	ND
2,6-dimethylnaphthalene	3.31	UG/L	ND	ND	ND	ND	ND
2,3,5-trimethylnaphthalene	4.4	UG/L	ND	ND	ND	ND	ND
1-methylphenanthrene	6.29	UG/L	ND	ND	ND	ND	ND
Benzo[e]pyrene	7.67	UG/L	ND	ND	ND	ND	ND
Perylene	6.61	UG/L	ND	ND	ND	ND	ND
Biphenyl	2.43	UG/L	ND	ND	ND	ND	ND

nd= not detected, NA= not analyzed, NS= not sampled
MDL based on 1 liter sample

METROBIOSOLIDS CENTER
 SLUDGE PROJECT - ANNUAL SUMMARY

Priority Pollutants Base/Neutral Compounds, EPA Method 605 & 8270C

From 01-JAN-2007 to 31-DEC-2007

Analyte	Units	MBCDEWCN	MBCDEWCN	MBCDEWCN	MBCDEWCN
		28-FEB-2007 P375281	31-MAY-2007 P386675	31-AUG-2007 P397589	31-OCT-2007 P405179
bis(2-chloroethyl) ether	330 UG/KG	ND	ND	ND	ND
Bis-(2-chloroisopropyl) ether	330 UG/KG	ND	ND	ND	ND
N-nitrosodi-n-propylamine	330 UG/KG	ND	ND	ND	ND
Nitrobenzene	330 UG/KG	ND	ND	ND	ND
Hexachloroethane	330 UG/KG	ND	ND	ND	ND
Isophorone	330 UG/KG	ND	ND	ND	ND
bis(2-chloroethoxy)methane	330 UG/KG	ND	ND	ND	ND
1,2,4-trichlorobenzene	330 UG/KG	ND	ND	ND	ND
Naphthalene	330 UG/KG	ND	ND	384	516
Hexachlorobutadiene	330 UG/KG	ND	ND	ND	ND
Hexachlorocyclopentadiene	330 UG/KG	ND	ND	ND	ND
2-chloronaphthalene	UG/KG	ND	ND	ND	ND
Acenaphthylene	330 UG/KG	ND	ND	ND	ND
Dimethyl phthalate	330 UG/KG	529	ND	386	ND
2,6-dinitrotoluene	330 UG/KG	ND	ND	ND	<330
Acenaphthene	330 UG/KG	ND	ND	ND	ND
2,4-dinitrotoluene	330 UG/KG	ND	ND	ND	<330
Fluorene	330 UG/KG	ND	ND	ND	ND
4-chlorophenyl phenyl ether	330 UG/KG	ND	ND	ND	ND
Diethyl phthalate	330 UG/KG	ND	ND	ND	487
N-nitrosodiphenylamine	330 UG/KG	1930	<330	ND	405
4-bromophenyl phenyl ether	330 UG/KG	ND	ND	ND	ND
Hexachlorobenzene	330 UG/KG	ND	ND	ND	ND
Phenanthrene	330 UG/KG	ND	ND	ND	664
Anthracene	330 UG/KG	ND	ND	ND	ND
Di-n-butyl phthalate	330 UG/KG	ND	ND	731	ND
N-nitrosodimethylamine	330 UG/KG	ND	ND	ND	ND
Fluoranthene	330 UG/KG	ND	ND	ND	ND
Pyrene	330 UG/KG	ND	390	ND	ND
Butyl benzyl phthalate	330 UG/KG	2600	ND	3440	2820
Chrysene	330 UG/KG	ND	ND	ND	ND
Benzo[A]anthracene	330 UG/KG	ND	<330	ND	ND
Bis-(2-ethylhexyl) phthalate	330 UG/KG	98700	67000	127000	114000
Di-n-octyl phthalate	330 UG/KG	ND	ND	ND	ND
Benzo[K]fluoranthene	330 UG/KG	ND	ND	ND	ND
3,4-benzo(B)fluoranthene	330 UG/KG	ND	ND	ND	ND
Benzo[A]pyrene	330 UG/KG	ND	ND	ND	ND
Indeno(1,2,3-CD)pyrene	330 UG/KG	ND	ND	ND	ND
Dibenzo(A,H)anthracene	330 UG/KG	ND	ND	ND	ND
Benzo[G,H,I]perylene	330 UG/KG	ND	ND	ND	ND
1,2-diphenylhydrazine	UG/KG	ND	ND	ND	ND
Polynuc. Aromatic Hydrocarbons		0	390	0	664
Base/Neutral Compounds		103759	67390	131941	118892

Additional analytes determined;

1-methylnaphthalene	UG/KG	751	173	647	1020
2-methylnaphthalene	UG/KG	1150	490	905	1310
2,6-dimethylnaphthalene	UG/KG	ND	366	402	1170
2,3,5-trimethylnaphthalene	UG/KG	ND	ND	ND	ND
1-methylphenanthrene	UG/KG	ND	ND	ND	ND
Benzo[e]pyrene	UG/KG	ND	ND	ND	ND
Perylene	330 UG/KG	ND	ND	ND	ND
Biphenyl	UG/KG	ND	ND	ND	339
Pyridine	UG/KG	ND	235	ND	ND

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

POINT LOMA WASTEWATER TREATMENT
SLUDGE PROJECT - ANNUAL SUMMARY

Annual Sewage Dioxin and Furan Analysis

From 01-JAN-2007 to 31-DEC-2007

Analyte	MDL	Units	Equiv	PLE	PLE	PLE	PLE
				13-FEB-2007 P370589	08-MAY-2007 P380432	07-AUG-2007 P392059	02-OCT-2007 P399261
2,3,7,8-tetra CDD	500	PG/L	1.000	ND	ND	ND	ND
1,2,3,7,8-penta CDD	500	PG/L	0.500	ND	ND	ND	ND
1,2,3,4,7,8-hexa CDD	500	PG/L	0.100	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDD	500	PG/L	0.100	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDD	500	PG/L	0.100	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDD	500	PG/L	0.010	ND	ND	ND	ND
octa CDD	1000	PG/L	0.001	ND	ND	ND	ND
2,3,7,8-tetra CDF	250	PG/L	0.100	ND	ND	ND	ND
1,2,3,7,8-penta CDF	500	PG/L	0.050	ND	ND	ND	ND
2,3,4,7,8-penta CDF	500	PG/L	0.500	ND	ND	ND	ND
1,2,3,4,7,8-hexa CDF	500	PG/L	0.100	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDF	500	PG/L	0.100	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDF	500	PG/L	0.100	ND	ND	ND	ND
2,3,4,6,7,8-hexa CDF	500	PG/L	0.100	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDF	500	PG/L	0.010	ND	ND	ND	ND
1,2,3,4,7,8,9-hepta CDF	500	PG/L	0.010	ND	ND	ND	ND
octa CDF	1000	PG/L	0.001	ND	ND	ND	ND

Analyte	MDL	Units	Equiv	PLR	PLR	PLR	PLR
				13-FEB-2007 P370594	08-MAY-2007 P380437	07-AUG-2007 P392064	02-OCT-2007 P399266
2,3,7,8-tetra CDD	500	PG/L	1.000	ND	ND	ND	ND
1,2,3,7,8-penta CDD	500	PG/L	0.500	ND	ND	ND	ND
1,2,3,4,7,8-hexa CDD	500	PG/L	0.100	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDD	500	PG/L	0.100	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDD	500	PG/L	0.100	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDD	500	PG/L	0.010	ND	ND	ND	ND
octa CDD	1000	PG/L	0.001	ND	ND	ND	ND
2,3,7,8-tetra CDF	250	PG/L	0.100	ND	ND	ND	ND
1,2,3,7,8-penta CDF	500	PG/L	0.050	ND	ND	ND	ND
2,3,4,7,8-penta CDF	500	PG/L	0.500	ND	ND	ND	ND
1,2,3,4,7,8-hexa CDF	500	PG/L	0.100	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDF	500	PG/L	0.100	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDF	500	PG/L	0.100	ND	ND	ND	ND
2,3,4,6,7,8-hexa CDF	500	PG/L	0.100	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDF	500	PG/L	0.010	ND	ND	ND	ND
1,2,3,4,7,8,9-hepta CDF	500	PG/L	0.010	ND	ND	ND	ND
octa CDF	1000	PG/L	0.001	ND	ND	ND	ND

Above are permit required CDD/CDF isomers.

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

POINT LOMA WASTEWATER TREATMENT
SLUDGE PROJECT - ANNUAL SUMMARY

Annual Sewage Dioxin and Furan Analysis

From 01-JAN-2007 to 31-DEC-2007

Analyte	MDL	Units	PLE			
			TCDD	TCDD	TCDD	TCDD
			13-FEB-2007 P370589	08-MAY-2007 P380432	07-AUG-2007 P392059	02-OCT-2007 P399261
2,3,7,8-tetra CDD	500	PG/L	ND	ND	ND	ND
1,2,3,7,8-penta CDD	500	PG/L	ND	ND	ND	ND
1,2,3,4,7,8-hexa_CDD	500	PG/L	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDD	500	PG/L	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDD	500	PG/L	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDD	500	PG/L	ND	ND	ND	ND
octa CDD	1000	PG/L	ND	ND	ND	ND
2,3,7,8-tetra CDF	250	PG/L	ND	ND	ND	ND
1,2,3,7,8-penta CDF	500	PG/L	ND	ND	ND	ND
2,3,4,7,8-penta CDF	500	PG/L	ND	ND	ND	ND
1,2,3,4,7,8-hexa CDF	500	PG/L	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDF	500	PG/L	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDF	500	PG/L	ND	ND	ND	ND
2,3,4,6,7,8-hexa CDF	500	PG/L	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDF	500	PG/L	ND	ND	ND	ND
1,2,3,4,7,8,9-hepta CDF	500	PG/L	ND	ND	ND	ND
octa CDF	1000	PG/L	ND	ND	ND	ND

Analyte	MDL	Units	PLR			
			TCDD	TCDD	TCDD	TCDD
			13-FEB-2007 P370594	08-MAY-2007 P380437	07-AUG-2007 P392064	02-OCT-2007 P399266
2,3,7,8-tetra CDD	500	PG/L	ND	ND	ND	ND
1,2,3,7,8-penta CDD	500	PG/L	ND	ND	ND	ND
1,2,3,4,7,8-hexa_CDD	500	PG/L	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDD	500	PG/L	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDD	500	PG/L	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDD	500	PG/L	ND	ND	ND	ND
octa CDD	1000	PG/L	ND	ND	ND	ND
2,3,7,8-tetra CDF	250	PG/L	ND	ND	ND	ND
1,2,3,7,8-penta CDF	500	PG/L	ND	ND	ND	ND
2,3,4,7,8-penta CDF	500	PG/L	ND	ND	ND	ND
1,2,3,4,7,8-hexa CDF	500	PG/L	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDF	500	PG/L	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDF	500	PG/L	ND	ND	ND	ND
2,3,4,6,7,8-hexa CDF	500	PG/L	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDF	500	PG/L	ND	ND	ND	ND
1,2,3,4,7,8,9-hepta CDF	500	PG/L	ND	ND	ND	ND
octa CDF	1000	PG/L	ND	ND	ND	ND

Above are permit required CDD/CDF isomers.

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

METROBIOSOLIDS CENTER
 SLUDGE PROJECT - ANNUAL SUMMARY

Annual Sludge Dioxin and Furan Analysis

From 01-JAN-2007 to 31-DEC-2007

Analyte	MDL	Units	MBCDEWCN	MBCDEWCN
			31-MAY-2007	31-OCT-2007
			P386675	P405179
=====	===	=====	=====	=====
2,3,7,8-tetra CDD	2.2	NG/KG	ND	ND
1,2,3,7,8-penta CDD	61	NG/KG	ND	ND
1,2,3,4,7,8_hexa_CDD	9.1	NG/KG	ND	ND
1,2,3,6,7,8-hexa CDD		NG/KG	19	18
1,2,3,7,8,9-hexa CDD	8.4	NG/KG	<8	<6
1,2,3,4,6,7,8-hepta CDD		NG/KG	345	169
octa CDD		NG/KG	2650	990
2,3,7,8-tetra CDF		NG/KG	2	2
1,2,3,7,8-penta CDF	2.2	NG/KG	ND	ND
2,3,4,7,8-penta CDF	2.1	NG/KG	ND	ND
1,2,3,4,7,8-hexa CDF	3.2	NG/KG	ND	ND
1,2,3,6,7,8-hexa CDF	1.8	NG/KG	ND	ND
1,2,3,7,8,9-hexa CDF	2	NG/KG	ND	ND
2,3,4,6,7,8-hexa CDF	2.1	NG/KG	ND	ND
1,2,3,4,6,7,8-hepta CDF		NG/KG	45	34
1,2,3,4,7,8,9-hepta CDF	7.2	NG/KG	ND	ND
octa CDF		NG/KG	150	77

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