

VI. Annual Pretreatment Program Sludge Analysis

2005 Annual Pretreatment Program Sludge Analysis (QUARTERLY SLUDGE PROJECT)

POINT LOMA WASTEWATER TREATMENT PLANT ORDER NO. R9-2002-0025 NPDES PERMIT NO. CA0107409

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 2005, composite sampling on February 9, May 11, August 10, and October 5, grab samples taken the second day from each on-going waste stream. Monthly composite samples of MBC dewatered sludge (belt-press dewatered) 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.

The North City Reclamation Water Plant is included in the Pre-treatment monitoring program and data from that aspect of the program is reported in subsection B. The plant primary influents (N01-PS_INF and N01-PEN), Primary effluent (N10-EFF), disinfected final effluent (N30-DFE), and reclaimed water (N34-REC WATER) were sampled. For influent and effluent samples, automatic refrigerated samplers composited over a 24 hour period.

* 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
T J INTERCEPT	Tijuana interceptor No flow for entire year, no samples exc.	NCWRP	North City Water Reclamation Plant
N01-PEN	NCWRP influent from Penasquitos line.	N01-PS_INF	NCWRP influent from pump station 64
N10-EFF	NCWRP Primary effluent	N01-PEN	NCWRP Penasquitos influent
N30-DFE	NCWRP disinfected final effluent	N34-REC WATER	NCWRP reclaimed water.

A. Pt. Loma and Metro Biosolids Center sources

POINT LOMA WASTEWATER TREATMENT PLANT

2005 Sludge Projects

Physical/Aggregate Properties Report

Point Loma

Analyte	MDL Units	PLR GRAB		PLR GRAB	
		09-FEB-2005	11-MAY-2005	10-AUG-2005	05-OCT-2005
HEM (Grease & Oil)	1.4 mg/L	35.8	41.4	41.1	40.0
pH (grab sample)	pH Units	7.13	7.27	7.23	7.22

Analyte	MDL Units	PLR COMPOSITE		PLR COMPOSITE	
		08-FEB-2005	10-MAY-2005	09-AUG-2005	04-OCT-2005
Conductivity	10 umhos/cm	3050	3070	2820	2820
Total Suspended Solids	1.6 mg/L	314	296	304	314
Volatile Suspended Solids	1.6 mg/L	251	250	256	254
Total Alkalinity (bicarbonate)	1.5 mg/L	274	291	284	284
Total Solids	100 mg/L	1450	2120	2030	1850
Total Kjeldahl Nitrogen	1.6 mg/L	46	49	43	46
BOD (Biochemical Oxygen Demand)	2 mg/L	284	311	239	287
Chemical Oxygen Demand	22 mg/L	429	457	511*	346
Ammonia-N	.2 mg/L	28.5	28.6	29.4	29.1
Total Volatile Solids	100 mg/L	364	574	643	448
Turbidity	NTU	190.0	140.0	130.0	120.0
Total Dissolved Solids	42 mg/L	1620	1650	1680	1650
MBAS (Surfactants)	.03 mg/L	8.38	9.37	9.31	8.43

Analyte	MDL Units	PLE GRAB		PLE GRAB	
		09-FEB-2005	11-MAY-2005	10-AUG-2005	05-OCT-2005
HEM (Grease & Oil)	1.4 mg/L	18.2	17.0	13.3	9.8
pH (grab sample)	pH Units	7.16	7.19	7.11	7.12

Analyte	MDL Units	PLE COMPOSITE		PLE COMPOSITE	
		08-FEB-2005	10-MAY-2005	09-AUG-2005	04-OCT-2005
Conductivity	10 umhos/cm	3040	3080	2780	2840
Total Suspended Solids	1.6 mg/L	50	44	43	33
Volatile Suspended Solids	1.6 mg/L	34	30	31	23
Total Alkalinity (bicarbonate)	1.5 mg/L	245	260	257	260
Total Solids	100 mg/L	1230	1340	1750	1540
Total Kjeldahl Nitrogen	1.6 mg/L	35	39	35	32
BOD (Biochemical Oxygen Demand)	2 mg/L	105	120	85	98
Chemical Oxygen Demand	22 mg/L	175	241	232*	196
Ammonia-N	.2 mg/L	27.7	28.3	28.6	28.6
Total Volatile Solids	100 mg/L	178	294	350	252
Turbidity	NTU	62.0	53.0	40.0	45.0
Total Dissolved Solids	42 mg/L	1610	1620	1610	1680
MBAS (Surfactants)	.03 mg/L	7.49	7.80	7.26	7.44

*=Analyzed past holding time.

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

POINT LOMA WASTEWATER TREATMENT PLANT

2005 Sludge Projects

Physical/Aggregate Properties Report

Point Loma

Analyte	MDL Units	RAW COMP	RAW COMP	RAW COMP	RAW COMP
		COMPOSITE	COMPOSITE	COMPOSITE	COMPOSITE
		08-FEB-2005	10-MAY-2005	09-AUG-2005	04-OCT-2005
Total Alkalinity (bicarbonate)	1.5 mg/L	920	920	882	912
Total Solids	Wt%	3.70	4.05	3.78	3.73
Total Volatile Solids	Wt%	76	77	75	75
Total Kjeldahl Nitrogen	.04 Wt%	3.0	2.9	4.5	3.3
pH	pH Units	NA	6.29	6.28	5.88

Analyte	MDL Units	DIG COMP	DIG COMP	DIG COMP	DIG COMP
		COMPOSITE	COMPOSITE	COMPOSITE	COMPOSITE
		08-FEB-2005	10-MAY-2005	09-AUG-2005	04-OCT-2005
Total Alkalinity (bicarbonate)	1.5 mg/L	3020	3010	2680	2710
Total Solids	Wt%	1.92	2.09	1.97	2.02
Total Volatile Solids	Wt%	53	54	57	54
Total Kjeldahl Nitrogen	.04 Wt%	5.8	6.1	6.4	6.2
pH	pH Units	NA	7.25	7.32	7.53

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

POINT LOMA WASTEWATER TREATMENT PLANT

2005 Quarterly Sludge Project

Physical/Aggregate Properties Report

MBC

Analyte	MDL Units	MBC_COMBCN	MBC_COMBCN	MBC_COMBCN	MBC_COMBCN
		GRAB	GRAB	GRAB	GRAB
		09-FEB-2005	11-MAY-2005	10-AUG-2005	05-OCT-2005
HEM (Grease & Oil)	1.4 mg/L	11.1	25.3	28.6	16.7
pH (grab sample)	pH Units	7.53	7.63	7.71	7.53

Analyte	MDL Units	MBC_COMBCN	MBC_COMBCN	MBC_COMBCN	MBC_COMBCN
		COMPOSITE	COMPOSITE	COMPOSITE	COMPOSITE
		08-FEB-2005	10-MAY-2005	09-AUG-2005	04-OCT-2005
Conductivity	10 umhos/cm	4880	4660	4600	4920
Total Suspended Solids	1.6 mg/L	510	525	890	1240
Volatile Suspended Solids	1.6 mg/L	400	400	700	850
Total Alkalinity (bicarbonate)	1.5 mg/L	1310	1250	1450	1350
Total Solids	Wt%	0.23	0.26	0.27	0.31
Total Volatile Solids	Wt%	32	38	39	41
Total Kjeldahl Nitrogen	1.6 mg/L	338	335	296	354
BOD (Biochemical Oxygen Demand)	2 mg/L	367	426	498	355
Chemical Oxygen Demand	22 mg/L	591	960	2790	718
pH	.08 pH Units	7.83	7.78	7.85	7.66
Ammonia-N	.2 mg/L	315.0	290.0	288.0	292.0

Analyte	MDL Units	MBCDEWCN	MBCDEWCN	MBCDEWCN	MBCDEWCN
		COMPOSITE	COMPOSITE	COMPOSITE	COMPOSITE
		28-FEB-2005	31-MAY-2005	31-AUG-2005	31-OCT-2005
Total Solids	Wt%	30.50	27.90	27.70	27.40
Total Volatile Solids	Wt%	52	55	56	53
Total Kjeldahl Nitrogen	.04 Wt%	4.0	2.4	4.2	4.5
pH	.08 pH Units	7.83	7.84	8.19	8.21

Analyte	MDL Units	MBC_NC_DSL	MBC_NC_DSL	MBC_NC_DSL	MBC_NC_DSL
		COMPOSITE	COMPOSITE	COMPOSITE	COMPOSITE
		08-FEB-2005	10-MAY-2005	09-AUG-2005	04-OCT-2005
Total Alkalinity (bicarbonate)	1.5 mg/L	2770	2850	2750	2580
Total Solids	Wt%	2.31	2.25	2.42	2.66
Total Volatile Solids	Wt%	67	67	66	65
Total Kjeldahl Nitrogen	1.6 mg/L	1840	1880	2190	1860
pH	.08 pH Units	7.31	7.38	7.29	7.19

Analyte	MDL Units	MBC_NC_RSL	MBC_NC_RSL	MBC_NC_RSL	MBC_NC_RSL
		COMPOSITE	COMPOSITE	COMPOSITE	COMPOSITE
		08-FEB-2005	10-MAY-2005	09-AUG-2005	04-OCT-2005
Total Suspended Solids	1.6 mg/L	2720	2720	3840	4160
Volatile Suspended Solids	1.6 mg/L	2400	2360	3180	3280
Total Alkalinity (bicarbonate)	1.5 mg/L	265	183	284	154
Total Solids	Wt%	0.38	0.28	0.52	0.56
Total Volatile Solids	Wt%	65	57	70	66
Total Kjeldahl Nitrogen	1.6 mg/L	53	60	145	233
pH	.08 pH Units	6.80	6.55	6.75	6.40

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

POINT LOMA WASTEWATER TREATMENT PLANT
 QUARTERLY SLUDGE PROJECT
 (Metals from Digestion and Ions from Supernatant)

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

Source:		PLE	PLE	PLE	PLE	PLR	PLR
Date:		08-FEB-2005	10-MAY-2005	09-AUG-2005	04-OCT-2005	08-FEB-2005	10-MAY-2005
Sample ID:	MDL Units	P285772	P295093	P305422	P314584	P285777	P295098
=====	=====	=====	=====	=====	=====	=====	=====
Aluminum	6.6 UG/L	70	137	143	76	1260	1260
Antimony	1.015 UG/L	ND	ND	ND	ND	ND	<1
Arsenic	.4 UG/L	0.67	1.79	0.64	0.53	1.53	2.79
Barium	.02015 UG/L	29	37	42	38	92	94
Beryllium	.0395 UG/L	ND	ND	ND	ND	ND	ND
Boron	1.101 UG/L	484	438	471	479	464	436
Cadmium	.1945 UG/L	0.5	ND	<0.2	ND	ND	0.4
Chromium	.1885 UG/L	2.1	2.2	1.2	ND	7.6	5.8
Cobalt	.162 UG/L	<0.2	0.5	0.9	0.5	4.8	0.5
Copper	.3925 UG/L	37	28	20	18	98	95
Iron	.785 UG/L	8530	6720	4570	5970	11600	7600
Lead	1.384 UG/L	ND	ND	ND	ND	ND	4
Manganese	.0494 UG/L	179	174	176	206	164	150
Mercury	.09 UG/L	ND	ND	ND	ND	0.11	ND
Molybdenum	.122 UG/L	12.1	12.3	11.4	10.6	7.9	12.0
Nickel	.2675 UG/L	11	7	7	7	5	10
Selenium	.28 UG/L	0.86	1.16	1.07	0.91	1.26	1.81
Silver	.156 UG/L	ND	0.3	ND	ND	0.8	2.3
Thallium	1.806 UG/L	ND	ND	ND	ND	ND	ND
Vanadium	.4755 UG/L	1.3	3.4	19.2	6.4	4.8	6.0
Zinc	.5435 UG/L	22	21	19	14	136	139
Bromide	.1 MG/L	1.63	1.42	1.60	1.54	1.68	1.37
Chloride	7 MG/L	641	647	578	581	649	602
Fluoride	.05 MG/L	0.75	1.00	0.52	1.33	0.68	0.84
Nitrate	.04 MG/L	0.33	ND	0.13	ND	ND	ND
Ortho Phosphate	.2 MG/L	ND	ND	ND	ND	1.72	3.15
Sulfate	9 MG/L	217	249	267	253	219	245
Calcium	.034 MG/L	77	104	84	78	85	112
Lithium	.001 MG/L	0.03	0.04	0.04	0.04	0.03	0.05
Magnesium	.014 MG/L	52	64	50	48	55	63
Potassium	.04 MG/L	25	32	20	29	28	33
Sodium	.223 MG/L	361	415	310	338	367	391
Calcium Hardness	.2 MG/L	192	258	208	194	213	280
Magnesium Hardness	.08 MG/L	214	265	204	195	226	258
Total Hardness	.22 MG/L	406	523	412	389	438	538
Cyanides, Total	.002 MG/L	0.003	0.002	0.003	0.002	0.002	0.002
Sulfides-Total	.18 MG/L	0.49	ND	0.67	0.89	1.39	2.26
Sulfides-Reactive	11 MG/KG	NA	NA	NA	NA	NA	NA
Total Kjeldahl Nitrogen	1.6 MG/L	35.2	39.4	35.2	31.7	45.7	49.3

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
 QUARTERLY SLUDGE PROJECT
 (Metals from Digestion and Ions from Supernatant)

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

Source:		PLR	PLR	MBC_COMBCN	MBC_COMBCN	MBC_COMBCN	MBC_COMBCN
Date:		09-AUG-2005	04-OCT-2005	08-FEB-2005	10-MAY-2005	09-AUG-2005	04-OCT-2005
Sample ID:	MDL Units	P305427	P314589	P285787	P295108	P305437	P314599
=====	=====	=====	=====	=====	=====	=====	=====
Aluminum	6.6 UG/L	1070	1450	941	2210	10800	3710
Antimony	1.015 UG/L	ND	<1	ND	2	ND	2
Arsenic	.4 UG/L	1.03	1.68	3.09	4.07	9.06	3.91
Barium	.02015 UG/L	113	124	107	158	734	237
Beryllium	.0395 UG/L	ND	ND	ND	ND	0.07	ND
Boron	1.101 UG/L	444	440	448	431	466	452
Cadmium	.1945 UG/L	0.4	0.6	1.0	0.5	2.8	1.0
Chromium	.1885 UG/L	4.5	4.1	4.4	11.8	42.4	13.7
Cobalt	.162 UG/L	1.1	0.4	2.6	3.3	7.7	2.9
Copper	.3925 UG/L	97	142	80	159	772	250
Iron	.785 UG/L	9930	11000	17300	38000	93700	73400
Lead	1.384 UG/L	2	5	ND	3	21	5
Manganese	.0494 UG/L	170	183	551	516	733	788
Mercury	.09 UG/L	0.10	1.03	0.29	0.21	0.97	0.43
Molybdenum	.122 UG/L	15.4	13.7	6.9	8.9	26.3	11.0
Nickel	.2675 UG/L	8	9	24	26	47	26
Selenium	.28 UG/L	1.62	1.54	2.47	3.32	9.46	4.00
Silver	.156 UG/L	2.1	2.7	ND	ND	21.3	6.4
Thallium	1.806 UG/L	ND	ND	ND	ND	ND	ND
Vanadium	.4755 UG/L	28.5	6.7	5.5	8.7	218.0	70.9
Zinc	.5435 UG/L	132	188	85	203	1200	319
Bromide	.1 MG/L	1.53	1.51	1.03	1.02	0.90	1.11
Chloride	7 MG/L	609	578	609	609	499	698
Fluoride	.05 MG/L	0.47	0.75	0.31	ND	ND	0.42
Nitrate	.04 MG/L	ND	ND	1.40	ND	1.21	0.40
Ortho Phosphate	.2 MG/L	1.90	4.53	3.15	ND	14.30	1.20
Sulfate	9 MG/L	259	241	89	109	109	111
Calcium	.034 MG/L	104	91	176	180	76	151
Lithium	.001 MG/L	0.07	0.05	0.04	0.04	0.04	0.05
Magnesium	.014 MG/L	59	53	59	63	29	56
Potassium	.04 MG/L	23	30	48	45	16	40
Sodium	.223 MG/L	380	389	306	295	177	292
Calcium Hardness	.2 MG/L	258	226	438	449	189	377
Magnesium Hardness	.08 MG/L	244	217	243	258	120	232
Total Hardness	.22 MG/L	502	444	681	707	308	609
Cyanides, Total	.002 MG/L	ND	0.002	0.004	0.004	0.007	0.005
Sulfides-Total	.18 MG/L	2.97	4.00	ND	0.20	2.58	2.46
Sulfides-Reactive	11 MG/KG	NA	NA	NA	NA	NA	NA
Total Kjeldahl Nitrogen	1.6 MG/L	42.5	46.0	338.0	335.0	296.0	354.0

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
 QUARTERLY SLUDGE PROJECT
 (Metals from Digestion and Ions from Supernatant)

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

Source:		MBC_NC_DSL	MBC_NC_DSL	MBC_NC_DSL	MBC_NC_DSL	MBC_NC_RSL	MBC_NC_RSL
Date:		08-FEB-2005	10-MAY-2005	09-AUG-2005	04-OCT-2005	08-FEB-2005	10-MAY-2005
Sample ID:	MDL Units	P285842	P295163	P305492	P314654	P285840	P295161
=====	=====	=====	=====	=====	=====	=====	=====
Aluminum	6.6 UG/L	206000	206000	178000	262000	1800	3840
Antimony	1.015 UG/L	9	58	34	58	ND	71
Arsenic	.4 UG/L	139.00	187.00	166.00	180.00	0.81	2.10
Barium	.02015 UG/L	6650	7230	8270	9290	62	207
Beryllium	.0395 UG/L	2.86	2.54	1.43	3.83	ND	0.14
Boron	1.101 UG/L	990	1470	8.6	1420	233	427
Cadmium	.1945 UG/L	25.1	20.6	18.6	24.4	7.2	1.5
Chromium	.1885 UG/L	593.0	878.0	581.0	676.0	16.0	21.0
Cobalt	.162 UG/L	57.9	69.6	61.2	62.8	ND	ND
Copper	.3925 UG/L	11000	10400	12500	16200	105	218
Iron	.785 UG/L	742000	878000	1020000	1430000	7090	43000
Lead	1.384 UG/L	255	344	238	256	ND	54
Manganese	.0494 UG/L	7630	7740	6640	10700	524	748
Mercury	.09 UG/L	34.40	24.30	34.60	28.20	0.10	ND
Molybdenum	.122 UG/L	317.0	325.0	335.0	450.0	10.4	10.6
Nickel	.2675 UG/L	468	921	454	575	24	29
Selenium	.28 UG/L	127.00	153.00	157.00	154.00	1.44	2.57
Silver	.156 UG/L	304.0	331.0	382.0	476.0	0.6	1.6
Thallium	1.806 UG/L	64	ND	ND	ND	ND	ND
Vanadium	.4755 UG/L	343.0	308.0	789.0	625.0	ND	5.2
Zinc	.5435 UG/L	8190	11100	11100	12600	87	239
Bromide	.1 MG/L	0.57	0.84	0.62	0.90	0.50	0.64
Chloride	7 MG/L	1120	950	888	1100	384	398
Fluoride	.05 MG/L	0.49	ND	ND	0.33	0.35	0.28
Nitrate	.04 MG/L	0.87	0.60	4.62	0.45	0.35	ND
Ortho Phosphate	.2 MG/L	5.15	ND	9.63	1.38	20.00	ND
Sulfate	9 MG/L	25	38	36	27	119	170
Calcium	.034 MG/L	76	91	103	28	77	25
Lithium	.001 MG/L	0.03	0.01	0.05	0.11	0.02	0.02
Magnesium	.014 MG/L	60	45	48	56	38	51
Potassium	.04 MG/L	70	20	24	49	22	51
Sodium	.223 MG/L	219	180	221	209	207	194
Calcium Hardness	.2 MG/L	NA	NA	NA	NA	NA	NA
Magnesium Hardness	.08 MG/L	NA	NA	NA	NA	NA	NA
Total Hardness	.22 MG/L	NA	NA	NA	NA	NA	NA
Cyanides, Total	.002 MG/L	0.021	0.016	0.024	0.041	ND	ND
Sulfides-Total	.18 MG/L	180.00	24.30	424.00	402.00	2.91	11.40
Sulfides-Reactive	11 MG/KG	88	115	131	43	13	ND
Total Kjeldahl Nitrogen	1.6 MG/L	1840.0	1880.0	2190.0	1860.0	53.3	59.5

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
 QUARTERLY SLUDGE PROJECT
 (Metals from Digestion and Ions from Supernatant)

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

Source:		MBC_NC_RSL	MBC_NC_RSL
Date:		09-AUG-2005	04-OCT-2005
Sample ID:	MDL Units	P305490	P314652
=====	=====	=====	=====
Aluminum	6.6 UG/L	5420	25900
Antimony	1.015 UG/L	ND	10
Arsenic	.4 UG/L	8.83	20.80
Barium	.02015 UG/L	224	1140
Beryllium	.0395 UG/L	0.22	0.19
Boron	1.101 UG/L	397	490
Cadmium	.1945 UG/L	1.7	3.1
Chromium	.1885 UG/L	8.3	66.3
Cobalt	.162 UG/L	2.9	4.0
Copper	.3925 UG/L	338	1720
Iron	.785 UG/L	18700	204000
Lead	1.384 UG/L	5	17
Manganese	.0494 UG/L	758	1790
Mercury	.09 UG/L	1.55	1.00
Molybdenum	.122 UG/L	12.3	48.0
Nickel	.2675 UG/L	21	60
Selenium	.28 UG/L	5.01	22.50
Silver	.156 UG/L	10.4	40.1
Thallium	1.806 UG/L	ND	ND
Vanadium	.4755 UG/L	53.1	48.8
Zinc	.5435 UG/L	286	1480
Bromide	.1 MG/L	0.41	0.66
Chloride	7 MG/L	347	562
Fluoride	.05 MG/L	ND	0.33
Nitrate	.04 MG/L	0.61	0.34
Ortho Phosphate	.2 MG/L	42.70	ND
Sulfate	9 MG/L	176	182
Calcium	.034 MG/L	191	97
Lithium	.001 MG/L	0.05	0.06
Magnesium	.014 MG/L	61	48
Potassium	.04 MG/L	41	25
Sodium	.223 MG/L	293	195
Calcium Hardness	.2 MG/L	NA	NA
Magnesium Hardness	.08 MG/L	NA	NA
Total Hardness	.22 MG/L	NA	NA
Cyanides, Total	.002 MG/L	0.002	0.007
Sulfides-Total	.18 MG/L	21.30	25.40
Sulfides-Reactive	11 MG/KG	ND	ND
Total Kjeldahl Nitrogen	1.6 MG/L	145.0	233.0

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
 QUARTERLY SLUDGE PROJECT
 (Metals from Digestion and Ions from Supernatant)

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

Source:		RAW COMP	RAW COMP	RAW COMP	RAW COMP
Date:		08-FEB-2005	10-MAY-2005	09-AUG-2005	04-OCT-2005
Sample ID:	MDL Units	P285812	P295133	P305462	P314624
=====	=====	=====	=====	=====	=====
Aluminum	1.32 MG/KG	4550	4290	3810	3870
Antimony	.451 MG/KG	ND	1	1	1
Arsenic	.68 MG/KG	1.79	1.37	1.29	1.24
Barium	.0063 MG/KG	258	226	284	177
Beryllium	.0039 MG/KG	<0.0	ND	ND	ND
Boron	.273 MG/KG	20	11	16	15
Cadmium	.0175 MG/KG	1	1	2	1
Chromium	.0831 MG/KG	29	19	20	19
Cobalt	.083 MG/KG	1.4	1.0	1.3	1.5
Copper	.0546 MG/KG	315	275	334	313
Iron	1.98 MG/KG	41500	42000	49000	50300
Lead	.604 MG/KG	11	9	11	13
Manganese	.0118 MG/KG	120	115	139	134
Mercury	.4 MG/KG	0.79	<0.40	<0.40	0.86
Molybdenum	.143 MG/KG	7.5	7.5	9.4	9.8
Nickel	.0628 MG/KG	16	21	25	15
Selenium	.47 MG/KG	1.72	1.73	1.80	1.61
Silver	.06 MG/KG	14	8	11	9
Thallium	.771 MG/KG	ND	ND	ND	ND
Vanadium	.0637 MG/KG	20	19	155	71
Zinc	.115 MG/KG	399	341	425	456
Bromide	3 MG/KG	24.7	24.4	24.6	32.7
Chloride	180 MG/KG	16000	17000	16300	18400
Fluoride	1.25 MG/KG	ND	ND	ND	ND
Nitrate	1 MG/KG	25.40	17.50	109.00	12.00
Ortho Phosphate	4 MG/KG	72.4	ND	ND	126.0
Sulfate	220 MG/KG	777	879	1070	713
Cyanides, Total	.1 MG/KG	1.99	0.83	1.11	3.29
Cyanide, Releaseable	.0175 MG/KG	ND	ND	ND	ND
Sulfides-Total	2170 MG/KG	7770	25000	12400	13800
Sulfides-Reactive	11 MG/KG	85	138	150	97
Total Kjeldahl Nitrogen	.04 WT%	3.02	2.90	4.54	3.34

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

RAW COMP = Point Loma Raw Sludge Composite
 DIG COMP = Point Loma Digested Sludge Composite
 MBCDEWCN = MBC Dewatered Sludge Composite

POINT LOMA WASTEWATER TREATMENT PLANT
 QUARTERLY SLUDGE PROJECT
 (Metals from Digestion and Ions from Supernatant)

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

Source:		DIG COMP	DIG COMP	DIG COMP	DIG COMP
Date:		08-FEB-2005	10-MAY-2005	09-AUG-2005	04-OCT-2005
Sample ID:	MDL Units	P285826	P295147	P305476	P314638
=====	=====	=====	=====	=====	=====
Aluminum	1.32 MG/KG	9420	8320	6940	6230
Antimony	.451 MG/KG	2	2	2	2
Arsenic	.68 MG/KG	5.83	3.38	2.84	2.76
Barium	.0063 MG/KG	545	388	444	117
Beryllium	.0039 MG/KG	0.1	0.1	<0.0	ND
Boron	.273 MG/KG	34	27	33	26
Cadmium	.0175 MG/KG	1	2	2	2
Chromium	.0831 MG/KG	43	37	38	30
Cobalt	.083 MG/KG	2.6	1.7	2.3	2.5
Copper	.0546 MG/KG	529	486	589	472
Iron	1.98 MG/KG	72400	74600	75700	80000
Lead	.604 MG/KG	21	18	18	19
Manganese	.0118 MG/KG	207	211	192	210
Mercury	.4 MG/KG	2.04	1.29	1.19	1.01
Molybdenum	.143 MG/KG	13.4	12.7	19.1	15.5
Nickel	.0628 MG/KG	26	23	26	25
Selenium	.47 MG/KG	4.06	4.09	4.25	3.82
Silver	.06 MG/KG	16	14	15	26
Thallium	.771 MG/KG	ND	ND	ND	ND
Vanadium	.0637 MG/KG	51	33	181	180
Zinc	.115 MG/KG	724	617	727	713
Bromide	3 MG/KG	66.2	79.9	81.0	88.9
Chloride	180 MG/KG	27900	33200	35000	34600
Fluoride	1.25 MG/KG	38.5	41.9	ND	26.7
Nitrate	1 MG/KG	73.80	31.80	102.00	27.70
Ortho Phosphate	4 MG/KG	82.3	242.0	925.0	249.0
Sulfate	220 MG/KG	1300	1680	1750	1240
Cyanides, Total	.1 MG/KG	3.45	2.74	2.78	6.54
Cyanide, Releaseable	.0175 MG/KG	ND	ND	ND	ND
Sulfides-Total	2170 MG/KG	14900	26900	25000	38600
Sulfides-Reactive	11 MG/KG	76	120	142	85
Total Kjeldahl Nitrogen	.04 WT%	5.79	6.05	6.44	6.23

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

RAW COMP = Point Loma Raw Sludge Composite
 DIG COMP = Point Loma Digested Sludge Composite
 MBCDEWCN = MBC Dewatered Sludge Composite

POINT LOMA WASTEWATER TREATMENT PLANT
 QUARTERLY SLUDGE PROJECT
 (Metals from Digestion and Ions from Supernatant)

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

Source:		MBCDEWCN	MBCDEWCN	MBCDEWCN	MBCDEWCN
Date:		28-FEB-2005	31-MAY-2005	31-AUG-2005	31-OCT-2005
Sample ID:	MDL Units	P290401	P301115	P312471	P319850
=====	=====	=====	=====	=====	=====
Aluminum	1.32 MG/KG	11300	9310	8250	8150
Antimony	.451 MG/KG	2	2	2	2
Arsenic	.68 MG/KG	7.47	4.26	3.89	4.22
Barium	.0063 MG/KG	550	491	564	337
Beryllium	.0039 MG/KG	0.1	0.1	ND	ND
Boron	.273 MG/KG	16	15	17	30
Cadmium	.0175 MG/KG	2	2	2	2
Chromium	.0831 MG/KG	51	41	38	41
Cobalt	.083 MG/KG	2.8	1.8	2.2	2.5
Copper	.0546 MG/KG	609	548	645	591
Iron	1.98 MG/KG	90200	89300	89400	99000
Lead	.604 MG/KG	25	21	21	25
Manganese	.0118 MG/KG	295	310	267	303
Mercury	.4 MG/KG	1.94	1.78	1.23	1.38
Molybdenum	.143 MG/KG	15.5	14.8	21.1	20.1
Nickel	.0628 MG/KG	29	26	27	32
Selenium	.47 MG/KG	4.97	5.16	5.41	4.47
Silver	.06 MG/KG	18	16	18	22
Thallium	.771 MG/KG	ND	ND	ND	ND
Vanadium	.0637 MG/KG	52	35	180	189
Zinc	.115 MG/KG	745	898	777	901
Bromide	3 MG/KG	NA	NA	NA	NA
Chloride	180 MG/KG	NA	NA	NA	NA
Fluoride	1.25 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	1.09	1.30	1.13	1.31
Cyanide, Releaseable	.0175 MG/KG	ND	ND	ND	ND
Sulfides-Total	2170 MG/KG	10300	12700	16500	21300
Sulfides-Reactive	11 MG/KG	15	27	19	30
Total Kjeldahl Nitrogen	.04 WT%	3.98	2.36	4.15	4.47

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 NS= Not Sampled
 NR= Not Required

RAW COMP = Point Loma Raw Sludge Composite
 DIG COMP = Point Loma Digested Sludge Composite
 MBCDEWCN = MBC Dewatered Sludge Composite

POINT LOMA WASTEWATER TREATMENT PLANT
 QUARTERLY SLUDGE PROJECT
 Radioactivity

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

Source	Sample Date	Sample ID	Gross Alpha Radiation	Gross Beta Radiation
PLE	08-FEB-2005	P285772	3.2±1.6	18.9±2.7
PLE	10-MAY-2005	P295093	2.9±1.1	13.9±3.3
PLE	09-AUG-2005	P305422	1.3±0.8	20.2±4.8
PLE	04-OCT-2005	P314584	1.9±1.1	13.1±3.4
PLR	08-FEB-2005	P285777	2.6±1.3	24.0±3.3
PLR	10-MAY-2005	P295098	3.7±1.3	21.6±4.2
PLR	09-AUG-2005	P305427	4.9±1.1	16.7±3.4
PLR	04-OCT-2005	P314589	5.8±1.6	17.4±3.6
MBC_COMBCN	08-FEB-2005	P285787	-0.4±0.8	37.8±4.6
MBC_COMBCN	10-MAY-2005	P295108	3.3±1.3	28.8±3.6
MBC_COMBCN	09-AUG-2005	P305437	1.5±1.9	28.2±5.8
MBC_COMBCN	04-OCT-2005	P314599	18.6±5.7	31.5±5.3

Source	Sample Date	Sample ID	Gross Alpha Radiation	Gross Beta Radiation
MBCDEWCN	28-FEB-2005	P290401	5040±2530	3340±1655
MBCDEWCN	31-MAY-2005	P301115	3920±2140	2170±1380
MBCDEWCN	31-AUG-2005	P312471	6060±2830	2990±1560
MBCDEWCN	31-OCT-2005	P319850	6290±2625	3760±1565

Units in picocuries per Kilogram (pCi/Kg)

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

POINT LOMA WASTEWATER TREATMENT PLANT
 QUARTERLY SLUDGE PROJECT - Chlorinated Pesticide Analysis, EPA Method 608 (with additions)
 From 01-JAN-2005 To 31-DEC-2005
 Sampling: AM Analysis: SV

Analyte	MDL	Units	PLE	PLE	PLE	PLE	PLR	PLR
			08-FEB-2005 P285772	10-MAY-2005 P295093	09-AUG-2005 P305422	04-OCT-2005 P314584	08-FEB-2005 P285777	10-MAY-2005 P295098
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	17.0	13.5	<10.0	ND	33.0
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	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	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	0.0	0.0	0.0	0.0	0.0
Hexachlorocyclohexanes	20	NG/L	0.0	17.0	13.5	0.0	0.0	33.0
Aldrin + Dieldrin	60	NG/L	0.0	0.0	0.0	0.0	0.0	0.0
Chlorinated Hydrocarbons	4000	NG/L	0.0	17.0	13.5	0.0	0.0	33.0

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

POINT LOMA WASTEWATER TREATMENT PLANT
 QUARTERLY SLUDGE PROJECT - Chlorinated Pesticide Analysis, EPA Method 608 (with additions)
 From 01-JAN-2005 To 31-DEC-2005
 Sampling: AM Analysis: SV

Analyte	MDL	Units	PLR	PLR	MBC_COMBCN	MBC_COMBCN	MBC_COMBCN	MBC_COMBCN
			09-AUG-2005 P305427	04-OCT-2005 P314589	08-FEB-2005 P285787	10-MAY-2005 P295108	09-AUG-2005 P305437	04-OCT-2005 P314599
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	25.0	31.0	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	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	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	0.0	0.0	0.0	0.0	0.0
Hexachlorocyclohexanes	20	NG/L	25.0	31.0	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	25.0	31.0	0.0	0.0	0.0	0.0

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

POINT LOMA WASTEWATER TREATMENT PLANT
 QUARTERLY SLUDGE PROJECT - Chlorinated Pesticide Analysis, EPA Method 608 (with additions)
 From 01-JAN-2005 To 31-DEC-2005
 Sampling: AM Analysis: SV

Analyte	MDL	Units	MBC_NC_DSL	MBC_NC_DSL	MBC_NC_DSL	MBC_NC_DSL
			08-FEB-2005	10-MAY-2005	09-AUG-2005	04-OCT-2005
			P285842	P295163	P305492	P314654
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	460.0
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	460.0
Aldrin + Dieldrin	60	NG/L	0.0	0.0	0.0	0.0
Chlorinated Hydrocarbons	4000	NG/L	0.0	0.0	0.0	460.0

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

POINT LOMA WASTEWATER TREATMENT PLANT
 QUARTERLY SLUDGE PROJECT - Chlorinated Pesticide Analysis, EPA Method 608 (with additions)
 From 01-JAN-2005 To 31-DEC-2005
 Sampling: AM Analysis: SV

Analyte	MDL	Units	MBC_NC_RSL	MBC_NC_RSL	MBC_NC_RSL	MBC_NC_RSL	RAW COMP	RAW COMP
			08-FEB-2005	10-MAY-2005	09-AUG-2005	04-OCT-2005	08-FEB-2005	10-MAY-2005
			P285840	P295161	P305490	P314652	P285812	P295133
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	400.0
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	ND	ND	ND	714.0	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	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	0.0	0.0	0.0	714.0	0.0
Hexachlorocyclohexanes	20	NG/L	0.0	0.0	0.0	0.0	0.0	400.0
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	714.0	400.0

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

POINT LOMA WASTEWATER TREATMENT PLANT
 QUARTERLY SLUDGE PROJECT - Chlorinated Pesticide Analysis, EPA Method 608 (with additions)
 From 01-JAN-2005 To 31-DEC-2005
 Sampling: AM Analysis: SV

Analyte	MDL	Units	RAW COMP	RAW COMP	DIG COMP	DIG COMP	DIG COMP	DIG COMP
			09-AUG-2005 P305462	04-OCT-2005 P314624	08-FEB-2005 P285826	10-MAY-2005 P295147	09-AUG-2005 P305476	04-OCT-2005 P314638
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	290.0	ND	ND	505.0	ND	ND
Alpha (cis) Chlordane	30	NG/L	ND	ND	ND	ND	255.0	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	ND	442.0	475.0	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	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	255.0	0.0
DDT and derivatives	100	NG/L	0.0	0.0	442.0	475.0	0.0	0.0
Hexachlorocyclohexanes	20	NG/L	290.0	0.0	0.0	505.0	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	290.0	0.0	442.0	980.0	255.0	0.0

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

POINT LOMA WASTEWATER TREATMENT PLANT
ANNUAL SLUDGE - Chlorinated Pesticide Analysis
From 01-JAN-2005 To 31-DEC-2005

Analyte	MDL	Units	MBCDEWCN	MBCDEWCN	MBCDEWCN	MBCDEWCN	MBCDEWCN
			31-JAN-2005 P287546	28-FEB-2005 P290401	31-MAR-2005 P293551	30-APR-2005 P297203	31-MAY-2005 P301115
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	52000	35000	<28000	30500	55000
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	25000	25000	36000	39500	49500
Gamma (trans) Chlordane	48000	NG/KG	ND	ND	ND	ND	ND
Alpha Chlordene		NG/KG	NA	NA	NA	NA	NA
Gamma Chlordene		NG/KG	NA	NA	NA	NA	NA
Oxychlordane	28000	NG/KG	ND	ND	ND	ND	ND
Trans Nonachlor	18000	NG/KG	ND	ND	ND	<18000	20500
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	52000	35000	0	30500	55000
Chlordane + related cmpds.	48000	NG/KG	25000	25000	36000	39500	49500
Polychlorinated biphenyls	580000	NG/KG	0	0	0	0	0
Chlorinated Hydrocarbons	580000	NG/KG	77000	60000	36000	70000	125000

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

POINT LOMA WASTEWATER TREATMENT PLANT
ANNUAL SLUDGE - Chlorinated Pesticide Analysis
From 01-JAN-2005 To 31-DEC-2005

Analyte	MDL	Units	MBCDEWCN	MBCDEWCN	MBCDEWCN	MBCDEWCN	MBCDEWCN
			30-JUN-2005 P304500	31-JUL-2005 P308785	31-AUG-2005 P312471	30-SEP-2005 P315926	31-OCT-2005 P319850
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	20500
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	29000	ND	ND	ND
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	15500	24500	45000	ND	ND
Gamma (trans) Chlordane	48000	NG/KG	ND	ND	ND	ND	ND
Alpha Chlordene		NG/KG	NA	NA	NA	NA	NA
Gamma Chlordene		NG/KG	NA	NA	NA	NA	NA
Oxychlordane	28000	NG/KG	ND	ND	ND	ND	ND
Trans Nonachlor	18000	NG/KG	ND	ND	ND	ND	ND
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	20500
DDT and derivatives	71000	NG/KG	0	29000	0	0	0
Chlordane + related cmpds.	48000	NG/KG	15500	24500	45000	0	0
Polychlorinated biphenyls	580000	NG/KG	0	0	0	0	0
Chlorinated Hydrocarbons	580000	NG/KG	15500	53500	45000	0	20500

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

POINT LOMA WASTEWATER TREATMENT PLANT
ANNUAL SLUDGE - Chlorinated Pesticide Analysis
From 01-JAN-2005 To 31-DEC-2005

Analyte	MDL	Units	MBCDEWCN	MBCDEWCN	Annual Average
			30-NOV-2005 P323080	31-DEC-2005 P326461	
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	1708
BHC, Delta isomer	28000	NG/KG	ND	ND	ND
p,p-DDD	18000	NG/KG	ND	ND	ND
p,p-DDE	28000	NG/KG	<28000	29500	19250
p,p-DDT	35000	NG/KG	ND	ND	ND
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	47000	25583
Gamma (trans) Chlordane	48000	NG/KG	ND	ND	ND
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	34500	4583
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	1708
DDT and derivatives	71000	NG/KG	0	29500	19250
Chlordane + related cmpds.	48000	NG/KG	0	47000	25583
Polychlorinated biphenyls	580000	NG/KG	0	0	0
=====					
Chlorinated Hydrocarbons	580000	NG/KG	0	111000	51125

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

POINT LOMA WASTEWATER TREATMENT PLANT
SEMI-ANNUAL SLUDGE PROJECT- Organophosphorus Pesticides EPA Method 614/622 (with additions)

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

Sampling: AM

Analyst: CW

Analyte	MDL Units	PLE	PLE	PLR	PLR	MBC_COMBCN
		10-MAY-2005 P295093	04-OCT-2005 P314584	10-MAY-2005 P295098	04-OCT-2005 P314589	10-MAY-2005 P295108
Demeton O	.15 UG/L	ND	ND	ND	ND	ND
Demeton S	.08 UG/L	ND	ND	ND	ND	ND
Diazinon	.03 UG/L	<0.0	ND	0.1	ND	ND
Guthion	.15 UG/L	ND	ND	ND	ND	ND
Malathion	.03 UG/L	0.1	0.1	<0.0	0.1	ND
Parathion	.03 UG/L	ND	ND	ND	ND	ND
Thiophosphorus Pesticides	.15 UG/L	0.1	0.1	<0.0	0.1	0.0
Demeton -O, -S	.15 UG/L	0.0	0.0	0.0	0.0	0.0
Total Organophosphorus Pesticides	.3 UG/L	<0.1	0.1	<0.1	0.2	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	0.1	ND

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

POINT LOMA WASTEWATER TREATMENT PLANT
SEMI-ANNUAL SLUDGE PROJECT- Organophosphorus Pesticides EPA Method 614/622 (with additions)

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

Sampling: AM

Analyst: CW

Analyte	MDL Units	MBC_COMBCN	MBC_NC_DSL	MBC_NC_DSL	MBC_NC_RSL	MBC_NC_RSL
		04-OCT-2005 P314599	10-MAY-2005 P295163	04-OCT-2005 P314654	10-MAY-2005 P295161	04-OCT-2005 P314652
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
SEMI-ANNUAL SLUDGE PROJECT- Organophosphorus Pesticides EPA Method 614/622 (with additions)

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

Sampling: AM

Analyst: CW

Analyte	MDL Units	RAW COMP	RAW COMP	DIG COMP	DIG COMP
		10-MAY-2005 P295133	04-OCT-2005 P314624	10-MAY-2005 P295147	04-OCT-2005 P314638
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	3.0	ND	1.3	ND
Parathion	.03 UG/L	ND	ND	ND	ND
Thiophosphorus Pesticides	.15 UG/L	3.0	0.0	1.3	0.0
Demeton -O, -S	.15 UG/L	0.0	0.0	0.0	0.0
Total Organophosphorus Pesticides	.3 UG/L	3.0	4.5	2.8	4.9
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	4.5	1.5	4.9

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

POINT LOMA WASTEWATER TREATMENT PLANT
Organophosphorus Pesticides EPA Method 614/622 (with additions)

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

Sampling: AM

Analysis: CW,TB,KD

Analyte	MDL	Units	MBCDEWCN	MBCDEWCN
			31-MAY-2005 P301115	31-OCT-2005 P319850
Demeton O	67	UG/KG	ND	ND
Demeton S	27	UG/KG	ND	ND
Diazinon		UG/KG	18.0	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	NA	NA
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	32.0	ND
Bolstar	50	UG/KG	ND	ND
Fensulfothion	100	UG/KG	NA	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	99.5	190.0
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	149.5	190.0

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

POINT LOMA WASTEWATER TREATMENT PLANT
 From 01-JAN-2005 To 31-DEC-2005
 QUARTERLY SLUDGE PROJECT
 Tributyl Tin (Sewage)

	PLE	PLE	PLE	PLE	PLR	PLR	PLR
	08-FEB-2005	10-MAY-2005	09-AUG-2005	04-OCT-2005	08-FEB-2005	10-MAY-2005	09-AUG-2005
	P285772	P295093	P305422	P314584	P285777	P295098	P305427
===== 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
	04-OCT-2005	08-FEB-2005	10-MAY-2005	09-AUG-2005	04-OCT-2005	31-MAY-2005	31-OCT-2005
	P314589	P285787	P295108	P305437	P314599	P301115	P319850
===== 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

POINT LOMA WASTEWATER TREATMENT PLANT
 Quarterly Sludge Project
 Herbicide Analysis
 From 01-JAN-2005 To 31-DEC-2005

Sampling: AM Analysis: KD

Date:			MBCDEWCN	MBCDEWCN	MBCDEWCN	MBCDEWCN
Sample:	MDL	Units	28-FEB-2005	31-MAY-2005	31-AUG-2005	31-OCT-2005
			P290401	P301115	P312471	P319850
	====	====	=====	=====	=====	=====
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
 Quarterly Sludge Project - PRIORITY POLLUTANT ANALYSIS-ACID EXTRACTABLE COMPOUNDS, EPA Method 625
 From 01-JAN-2005 to 31-DEC-2005

Analyte	MDL	Units	PLE	PLE	PLE	PLE	PLR	PLR
			08-FEB-2005 P285772	10-MAY-2005 P295093	09-AUG-2005 P305422	04-OCT-2005 P314584	08-FEB-2005 P285777	10-MAY-2005 P295098
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	8.10	11.60	5.45	9.85	11.30	17.90
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	28.90	38.00	15.20	30.00	37.40	53.90
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	8.10	11.60	5.45	9.85	11.30	17.90
Phenols	6.07	UG/L	8.10	11.60	5.45	9.85	11.30	17.90

Analyte	MDL	Units	PLR	PLR	MBC_COMBCN	MBC_COMBCN	MBC_COMBCN	MBC_COMBCN
			09-AUG-2005 P305427	04-OCT-2005 P314589	08-FEB-2005 P285787	10-MAY-2005 P295108	09-AUG-2005 P305437	04-OCT-2005 P314599
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	9.40	13.30	3.00	3.55	3.60	ND
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	23.00	39.80	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	9.40	13.30	3.00	3.55	3.60	0.00
Phenols	6.07	UG/L	9.40	13.30	3.00	3.55	3.60	0.00

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

POINT LOMA WASTEWATER TREATMENT PLANT
 Quarterly Sludge Project - PRIORITY POLLUTANT ANALYSIS-ACID EXTRACTABLE COMPOUNDS, EPA Method 625
 From 01-JAN-2005 to 31-DEC-2005

Analyte	MDL	Units	RAW COMP	RAW COMP	RAW COMP	RAW COMP	DIG COMP	DIG COMP
			08-FEB-2005 P285812	10-MAY-2005 P295133	09-AUG-2005 P305462	04-OCT-2005 P314624	08-FEB-2005 P285826	10-MAY-2005 P295147
2-chlorophenol	1.76	UG/L	<44.40	<54.40	<54.40	<34.20	<45.80	<53.80
2,4-dichlorophenol	1.95	UG/L	<49.20	<60.20	<60.20	<37.90	<50.70	<59.60
4-chloro-3-methylphenol	1.34	UG/L	<33.80	<41.40	<41.40	<26.10	<34.80	<41.00
2,4,6-trichlorophenol	1.75	UG/L	<44.10	<54.10	<54.00	<34.10	<45.50	<53.50
Pentachlorophenol	5.87	UG/L	<148.00	<181.00	<181.00	<114.00	<153.00	<179.00
Phenol	2.53	UG/L	161.00	126.00	<78.10	<49.20	<65.80	<77.30
2-nitrophenol	1.88	UG/L	<47.40	<58.10	<58.10	<36.60	<48.90	<57.50
2,4-dimethylphenol	1.32	UG/L	<33.30	<40.80	<40.80	<25.70	<34.30	<40.40
2,4-dinitrophenol	6.07	UG/L	<153.00	<188.00	<187.00	<118.00	<158.00	<186.00
4-nitrophenol	3.17	UG/L	<80.00	<97.90	<97.90	<61.70	<82.00	<96.90
2-methyl-4,6-dinitrophenol	4.29	UG/L	<108.00	<133.00	<132.00	<83.00	<112.00	<131.00
2-methylphenol	1.51	UG/L	<38.10	<56.60	<46.60	<29.40	<39.30	<46.20
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	1450.00	1850.00	723.00	566.00	<110.00	<129.00
2,4,5-trichlorophenol	1.66	UG/L	<41.90	<51.30	<51.30	<32.30	<43.20	<50.70
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	161.00	126.00	0.00	0.00	0.00	0.00
Phenols	6.07	UG/L	161.00	126.00	0.00	0.00	0.00	0.00

Analyte	MDL	Units	DIG COMP	DIG COMP	MBC_NC_DSL	MBC_NC_DSL	MBC_NC_DSL	MBC_NC_DSL
			09-AUG-2005 P305476	04-OCT-2005 P314638	08-FEB-2005 P285842	10-MAY-2005 P295163	09-AUG-2005 P305492	04-OCT-2005 P314654
2-chlorophenol	1.76	UG/L	<34.90	<35.80	<56.50	<51.30	<50.90	<30.20
2,4-dichlorophenol	1.95	UG/L	<38.70	<39.60	<62.60	<56.90	<56.40	<33.50
4-chloro-3-methylphenol	1.34	UG/L	<26.60	<27.20	<43.00	<39.10	<38.80	<23.00
2,4,6-trichlorophenol	1.75	UG/L	<34.70	<35.60	<56.10	<51.00	<50.60	<30.10
Pentachlorophenol	5.87	UG/L	<117.00	<119.00	<188.00	<171.00	<170.00	<101.00
Phenol	2.53	UG/L	<50.20	<51.40	<81.00	<73.80	<73.20	<43.50
2-nitrophenol	1.88	UG/L	<37.30	<38.20	<60.30	<54.80	<54.40	<32.30
2,4-dimethylphenol	1.32	UG/L	<26.20	<26.80	<42.30	<38.50	<38.20	<22.70
2,4-dinitrophenol	6.07	UG/L	<120.00	<123.00	<195.00	<177.00	<176.00	<104.00
4-nitrophenol	3.17	UG/L	<62.90	<64.40	<102.00	<92.40	<91.70	<54.40
2-methyl-4,6-dinitrophenol	4.29	UG/L	<85.00	<87.20	<138.00	<125.00	<124.00	<74.00
2-methylphenol	1.51	UG/L	<30.00	<30.70	<48.40	<44.00	<43.70	<25.90
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	<84.00	<86.00	<135.00	<123.00	<122.00	<72.00
2,4,5-trichlorophenol	1.66	UG/L	<32.90	<33.70	<53.30	<48.40	<48.00	<28.50
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	0.00
Phenols	6.07	UG/L	0.00	0.00	0.00	0.00	0.00	0.00

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

POINT LOMA WASTEWATER TREATMENT PLANT
 Quarterly Sludge Project - PRIORITY POLLUTANT ANALYSIS-ACID EXTRACTABLE COMPOUNDS, EPA Method 625
 From 01-JAN-2005 to 31-DEC-2005

Analyte	MDL	Units	MBC_NC_RSL	MBC_NC_RSL	MBC_NC_RSL	MBC_NC_RSL
			08-FEB-2005	10-MAY-2005	09-AUG-2005	04-OCT-2005
			P285840	P295161	P305490	P314652
2-chlorophenol	1.76	UG/L	<1.76	<1.76	<1.76	<1.76
2,4-dichlorophenol	1.95	UG/L	<1.95	<1.95	<1.95	<1.95
4-chloro-3-methylphenol	1.34	UG/L	<1.34	<1.34	<1.34	<1.34
2,4,6-trichlorophenol	1.75	UG/L	<1.75	<1.75	<1.75	<1.75
Pentachlorophenol	5.87	UG/L	<5.87	<5.87	<5.87	<5.87
Phenol	2.53	UG/L	<2.53	<2.53	<2.53	<2.53
2-nitrophenol	1.88	UG/L	<1.88	<1.88	<1.88	<1.88
2,4-dimethylphenol	1.32	UG/L	<1.32	<1.32	<1.32	<1.32
2,4-dinitrophenol	6.07	UG/L	<6.07	<6.07	<6.07	<6.07
4-nitrophenol	3.17	UG/L	<3.17	<3.17	<3.17	<3.17
2-methyl-4,6-dinitrophenol	4.29	UG/L	<4.29	<4.29	<4.29	<4.29
2-methylphenol	1.51	UG/L	<1.51	<1.51	<1.51	<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	<4.22	129.00	94.90	304.00
2,4,5-trichlorophenol	1.66	UG/L	<1.66	<1.66	<1.66	<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	0.00
Phenols	6.07	UG/L	0.00	0.00	0.00	0.00

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

POINT LOMA WASTEWATER TREATMENT PLANT
ANNUAL SLUDGE
Phenolics

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

Analyte	MDL Units	MBCDEWCN	MBCDEWCN	MBCDEWCN	MBCDEWCN	Average
		28-FEB-2005	31-MAY-2005	31-AUG-2005	31-OCT-2005	
		P290401	P301115	P312471	P319850	800
						UG/KG
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	699000	152000	190000	187000	307000
Total Non-Chlorinated Phenols	800 UG/KG	725000	159310	201700	196840	320713
Total Chlorinated Phenols	800 UG/KG	0	0	0	0	0
Phenols	800 UG/KG	725000	159310	201700	196840	320713
Phenols average	800 UG/KG	63545	13818	17273	17000	27909

Additional analytes determined;

Analyte	MDL Units	28-FEB-2005	31-MAY-2005	31-AUG-2005	31-OCT-2005	Average
2-methylphenol	330 UG/KG	ND	ND	ND	ND	ND
3-methylphenol(4-MP is unresolved)	330 UG/KG	NA	NA	NA	NA	NA
4-methylphenol(3-MP is unresolved)	330 UG/KG	26000	7310	11700	9840	13713
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
 QUARTERLY SLUDGE PROJECT- Priority Pollutants Purgeable Compounds, EPA Method 8260

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

Analyte	MDL	Units	DIG COMP	DIG COMP	DIG COMP	DIG COMP	RAW COMP	RAW COMP
			08-FEB-2005 P285826	10-MAY-2005 P295147	09-AUG-2005 P305476	04-OCT-2005 P314638	08-FEB-2005 P285812	10-MAY-2005 P295133
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	184.0	375.0	652.0	ND	351.0	488.0
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	129.0	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	280**
Chlorobenzene	31.1	UG/KG	ND	ND	ND	ND	ND	ND
Toluene	48	UG/KG	ND	ND	ND	ND	481.0	555.0
Ethylbenzene	90.5	UG/KG	ND	ND	ND	ND	196.0	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
Purgeable Compounds	275	UG/KG	184.0	375.0	652.0	0.0	1157.0	1043.0

Additional analytes determined:

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	267.0	ND	ND	616.0	260.0
Styrene	19	UG/KG	ND	ND	ND	ND	ND	ND
1,2,4-trichlorobenzene	17	UG/KG	ND	ND	ND	ND	675.0	ND
Methyl Iodide	19	UG/KG	ND	ND	ND	ND	ND	159.0
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	268.0	115.0
Acetone	185	UG/KG	3210.0	2850 *	3750.0	3520 *	83100.0	67450 *
Carbon disulfide	34	UG/KG	146.0	243.0	ND	260.0	214.0	159.0
2-butanone		UG/KG	755.0	1080.0	2280.0	1760.0	2350.0	1910.0

** Blank contamination of Tetrachloroethene found in the amount of 31.8 ug/Kg.
 * Blank contamination of Acetone found in the amount of 262 ug/kg.

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

POINT LOMA WASTEWATER TREATMENT PLANT
 QUARTERLY SLUDGE PROJECT- Priority Pollutants Purgeable Compounds, EPA Method 8260

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

Analyte	MDL	Units	RAW COMP	RAW COMP
			09-AUG-2005 P305462	04-OCT-2005 P314624
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	520.0	ND
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	1980.0
Chlorobenzene	31.1	UG/KG	ND	ND
Toluene	48	UG/KG	155.0	264.0
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
Purgeable Compounds	275	UG/KG	675.0	2244.0

Additional analytes determined;

Allyl chloride	25	UG/KG	ND	ND
4-methyl-2-pentanone	24	UG/KG	ND	ND
meta,para xylenes	35	UG/KG	ND	270.0
Styrene	19	UG/KG	ND	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	123.0
Acetone	185	UG/KG	29700.0	20700 *
Carbon disulfide	34	UG/KG	ND	136.0
2-butanone		UG/KG	1670.0	2350.0

* Spike recovery for Acetone was less than 10%, this result does not meet quality control criteria.

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

POINT LOMA WASTEWATER TREATMENT PLANT
 ANNUAL SLUDGE Purgeables

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

Analyte	MDL	Units	MBCDEWCN	MBCDEWCN	MBCDEWCN	MBCDEWCN	MBCDEWCN	MBCDEWCN
			31-JAN-2005 P287546	28-FEB-2005 P290401	31-MAR-2005 P293551	30-APR-2005 P297203	31-MAY-2005 P301115	30-JUN-2005 P304500
Chloromethane	25.8	UG/KG	ND	ND	ND	ND	ND	ND
Vinyl chloride	26.2	UG/KG	ND	ND	ND	ND	ND	ND
Bromomethane	29.2	UG/KG	ND	ND	ND	ND	ND	ND
Chloroethane	61	UG/KG	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	28	UG/KG	ND	ND	ND	ND	ND	ND
1,1-dichloroethene	25.1	UG/KG	ND	ND	ND	ND	ND	ND
Carbon disulfide	34	UG/KG	44	65	42	87	80	84
Acetone	185	UG/KG	7630	2990	3900	3010	9470	5380
Methylene chloride	62.5	UG/KG	ND	ND	ND	ND	ND	ND
trans-1,2-dichloroethene	24.9	UG/KG	ND	ND	ND	<25	ND	ND
1,1-dichloroethane	25.7	UG/KG	ND	ND	ND	ND	ND	ND
2-butanone		UG/KG	80300 *	4920	2630	1210	4970	4730
Chloroform	25.6	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	<16	ND	ND
Benzene	26.5	UG/KG	ND	ND	ND	ND	ND	ND
1,2-dichloroethane	20.5	UG/KG	ND	ND	ND	ND	ND	ND
Trichloroethene	25.3	UG/KG	ND	ND	ND	<25	ND	ND
1,2-dichloropropane	25.5	UG/KG	ND	ND	ND	ND	ND	ND
Bromodichloromethane	17	UG/KG	ND	ND	ND	ND	ND	ND
2-chloroethylvinyl ether	53.6	UG/KG	ND	ND	ND	ND	ND	ND
cis-1,3-dichloropropene	21.5	UG/KG	ND	ND	ND	27	ND	ND
Toluene	48	UG/KG	ND	<48	ND	ND	ND	ND
trans-1,3-dichloropropene	17	UG/KG	ND	ND	ND	33	ND	ND
1,1,2-trichloroethane	35.1	UG/KG	ND	ND	ND	ND	ND	ND
Tetrachloroethene	21.5	UG/KG	ND	<22	ND	<22	ND	ND
Dibromochloromethane	24.2	UG/KG	ND	ND	ND	ND	ND	ND
Chlorobenzene	31.1	UG/KG	ND	ND	ND	<31	ND	ND
Ethylbenzene	90.5	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
1,3-dichlorobenzene	16.1	UG/KG	ND	32	ND	20	413	ND
1,4-dichlorobenzene		UG/KG	301	279	203	354	401	494
1,2-dichlorobenzene	28.7	UG/KG	ND	39	ND	<29	ND	35
Purgeable Compounds	275	UG/KG	7674	7975	6572	4367	14520	10194

Additional analytes determined:

Acrolein	70.9	UG/KG	ND	ND	ND	ND	ND	ND
Methyl Iodide	19	UG/KG	ND	ND	ND	31	22	ND
Allyl chloride	25	UG/KG	ND	ND	ND	ND	ND	ND
Methyl tert-butyl ether	34	UG/KG	ND	ND	ND	ND	ND	ND
Acrylonitrile	275	UG/KG	ND	ND	ND	ND	ND	ND
Chloroprene	17	UG/KG	ND	ND	ND	ND	ND	ND
Dibromofluoromethane		UG/KG	869	870	793	799	969	915
Methyl methacrylate	36	UG/KG	ND	ND	ND	ND	ND	ND
2-nitropropane		UG/KG	ND	ND	ND	ND	ND	ND
4-methyl-2-pentanone	24	UG/KG	ND	ND	ND	ND	ND	ND
1,2-dibromoethane	17	UG/KG	ND	ND	ND	ND	ND	ND
meta,para xylenes	35	UG/KG	ND	53	ND	59	41	54
ortho-xylene	23	UG/KG	ND	<23	ND	27	ND	28
Isopropylbenzene	17	UG/KG	ND	49	ND	20	ND	ND
Styrene	19	UG/KG	ND	<19	ND	<19	ND	ND
Benzyl chloride	38	UG/KG	ND	ND	ND	46	ND	ND
1,2,4-trichlorobenzene	17	UG/KG	ND	72	ND	35	ND	ND

* 2-BUTANONE did not meet quality control criteria for control check and spike recovery sample.

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

POINT LOMA WASTEWATER TREATMENT PLANT
ANNUAL SLUDGE Purgeables

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

Analyte	MDL	Units	MBCDEWCN	MBCDEWCN	MBCDEWCN	MBCDEWCN	MBCDEWCN	MBCDEWCN
			31-JUL-2005 P308785	31-AUG-2005 P312471	30-SEP-2005 P315926	31-OCT-2005 P319850	30-NOV-2005 P323080	31-DEC-2005 P326461
Chloromethane	25.8	UG/KG	ND	ND	ND	ND	ND	ND
Vinyl chloride	26.2	UG/KG	ND	ND	ND	ND	ND	ND
Bromomethane	29.2	UG/KG	ND	ND	ND	ND	ND	ND
Chloroethane	61	UG/KG	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	28	UG/KG	ND	ND	ND	ND	ND	ND
1,1-dichloroethene	25.1	UG/KG	ND	ND	ND	ND	ND	ND
Carbon disulfide	34	UG/KG	103	61	83	78	72	110
Acetone	185	UG/KG	13800	3195 *	4130 **	8970	4880	6670
Methylene chloride	62.5	UG/KG	67	ND	ND	ND	ND	ND
trans-1,2-dichloroethene	24.9	UG/KG	ND	ND	ND	ND	ND	ND
1,1-dichloroethane	25.7	UG/KG	ND	ND	ND	ND	ND	ND
2-butanone		UG/KG	12300	2980	1820	4930	2890	3210
Chloroform	25.6	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
Benzene	26.5	UG/KG	ND	ND	ND	ND	ND	ND
1,2-dichloroethane	20.5	UG/KG	ND	ND	ND	ND	ND	ND
Trichloroethene	25.3	UG/KG	ND	ND	ND	ND	ND	ND
1,2-dichloropropane	25.5	UG/KG	ND	ND	ND	ND	ND	ND
Bromodichloromethane	17	UG/KG	ND	ND	ND	ND	ND	ND
2-chloroethylvinyl ether	53.6	UG/KG	ND	ND	ND	ND	ND	ND
cis-1,3-dichloropropene	21.5	UG/KG	ND	ND	ND	ND	ND	ND
Toluene	48	UG/KG	ND	ND	ND	ND	ND	ND
trans-1,3-dichloropropene	17	UG/KG	ND	ND	ND	ND	ND	ND
1,1,2-trichloroethane	35.1	UG/KG	ND	ND	ND	ND	ND	ND
Tetrachloroethene	21.5	UG/KG	ND	ND	ND	ND	ND	ND
Dibromochloromethane	24.2	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
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
1,3-dichlorobenzene	16.1	UG/KG	ND	ND	ND	ND	ND	ND
1,4-dichlorobenzene		UG/KG	396	308	342	386	328	251
1,2-dichlorobenzene	28.7	UG/KG	ND	ND	ND	ND	ND	ND
Purgeable Compounds	275	UG/KG	26270	3041	1903	13978	7842	9990

Additional analytes determined:

Analyte	MDL	Units	31-JUL-2005	31-AUG-2005	30-SEP-2005	31-OCT-2005	30-NOV-2005	31-DEC-2005
Acrolein	70.9	UG/KG	ND	ND	ND	ND	ND	ND
Methyl Iodide	19	UG/KG	ND	ND	ND	ND	ND	ND
Allyl chloride	25	UG/KG	ND	ND	ND	ND	ND	ND
Methyl tert-butyl ether	34	UG/KG	ND	ND	ND	ND	ND	ND
Acrylonitrile	275	UG/KG	ND	ND	ND	ND	ND	ND
Chloroprene	17	UG/KG	ND	ND	ND	ND	ND	ND
Dibromofluoromethane		UG/KG	880	839	905	1030	810	769
Methyl methacrylate	36	UG/KG	ND	ND	ND	ND	ND	ND
2-nitropropane		UG/KG	ND	ND	ND	ND	ND	ND
4-methyl-2-pentanone	24	UG/KG	ND	ND	ND	ND	ND	ND
1,2-dibromoethane	17	UG/KG	ND	ND	ND	ND	ND	ND
meta,para xylenes	35	UG/KG	<35	ND	42	38	ND	<35
ortho-xylene	23	UG/KG	<23	ND	ND	ND	ND	ND
Isopropylbenzene	17	UG/KG	ND	ND	ND	ND	ND	ND
Styrene	19	UG/KG	ND	ND	ND	ND	ND	ND
Benzyl chloride	38	UG/KG	ND	ND	ND	ND	ND	ND
1,2,4-trichlorobenzene	17	UG/KG	ND	<17	ND	ND	ND	73

* Blank contamination of acetone found in the amount of 318 ug/kg.

** Blank contamination of acetone found in the amount of 217 ug/kg and acetone spike recovery <10%, did not meet QC criteria.

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

POINT LOMA WASTEWATER TREATMENT PLANT
ANNUAL SLUDGE Purgeables

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

Analyte	MDL	Units	Average
Chloromethane	25.8	UG/KG	ND
Vinyl chloride	26.2	UG/KG	ND
Bromomethane	29.2	UG/KG	ND
Chloroethane	61	UG/KG	ND
Trichlorofluoromethane	28	UG/KG	ND
1,1-dichloroethene	25.1	UG/KG	ND
Carbon disulfide	34	UG/KG	76
Acetone	185	UG/KG	6670
Methylene chloride	62.5	UG/KG	6
trans-1,2-dichloroethene	24.9	UG/KG	0
1,1-dichloroethane	25.7	UG/KG	ND
2-butanone		UG/KG	4235
Chloroform	25.6	UG/KG	ND
1,1,1-trichloroethane	27.4	UG/KG	ND
Carbon tetrachloride	15.6	UG/KG	0
Benzene	26.5	UG/KG	ND
1,2-dichloroethane	20.5	UG/KG	ND
Trichloroethene	25.3	UG/KG	0
1,2-dichloropropane	25.5	UG/KG	ND
Bromodichloromethane	17	UG/KG	ND
2-chloroethylvinyl ether	53.6	UG/KG	ND
cis-1,3-dichloropropene	21.5	UG/KG	2
Toluene	48	UG/KG	0
trans-1,3-dichloropropene	17	UG/KG	3
1,1,2-trichloroethane	35.1	UG/KG	ND
Tetrachloroethene	21.5	UG/KG	0
Dibromochloromethane	24.2	UG/KG	ND
Chlorobenzene	31.1	UG/KG	0
Ethylbenzene	90.5	UG/KG	ND
Bromoform	26.1	UG/KG	ND
1,1,2,2-tetrachloroethane	64	UG/KG	ND
1,3-dichlorobenzene	16.1	UG/KG	39
1,4-dichlorobenzene		UG/KG	337
1,2-dichlorobenzene	28.7	UG/KG	6
Purgeable Compounds	275	UG/KG	9527

Additional analytes determined:

Analyte	MDL	Units	Average
Acrolein	70.9	UG/KG	ND
Methyl Iodide	19	UG/KG	4
Allyl chloride	25	UG/KG	ND
Methyl tert-butyl ether	34	UG/KG	ND
Acrylonitrile	275	UG/KG	ND
Chloroprene	17	UG/KG	ND
Dibromofluoromethane		UG/KG	871
Methyl methacrylate	36	UG/KG	ND
2-nitropropane		UG/KG	ND
4-methyl-2-pentanone	24	UG/KG	ND
1,2-dibromoethane	17	UG/KG	ND
meta,para xylenes	35	UG/KG	24
ortho-xylene	23	UG/KG	5
Isopropylbenzene	17	UG/KG	6
Styrene	19	UG/KG	0
Benzyl chloride	38	UG/KG	4
1,2,4-trichlorobenzene	17	UG/KG	15

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

POINT LOMA WASTEWATER TREATMENT PLANT
SEMI ANNUAL SLUDGE - SEWAGE Priority Pollutants Base/Neutral Compounds, EPA Method 625 & 605

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

Analyte	MDL	Units	PLE	PLE	PLE	PLE	PLR	PLR
			08-FEB-2005 P285772	10-MAY-2005 P295093	09-AUG-2005 P305422	04-OCT-2005 P314584	08-FEB-2005 P285777	10-MAY-2005 P295098
bis(2-chloroethyl) ether	2.62	UG/L	ND	ND	ND	ND	ND	ND
1,3-dichlorobenzene	1.65	UG/L	ND	ND	ND	ND	ND	ND
1,2-dichlorobenzene	1.63	UG/L	ND	ND	ND	ND	ND	ND
1,4-dichlorobenzene	2.3	UG/L	ND	2.5	ND	ND	ND	3.0
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	<7.0	<7.0	ND	ND	ND	12.4
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	<10.4	ND	<10.4	ND	12.4	17.4
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[A]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
Total Dichlorobenzenes	1.65	UG/L	0.0	0.0	0.0	0.0	0.0	0.0
Base/Neutral Compounds	10.43	UG/L	0.0	2.5	0.0	0.0	12.4	32.8

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
SEMI ANNUAL SLUDGE - SEWAGE Priority Pollutants Base/Neutral Compounds, EPA Method 625 & 605

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

Analyte	MDL	Units	PLR	PLR	MBC_COMBCN	MBC_COMBCN	MBC_COMBCN	MBC_COMBCN
			09-AUG-2005	04-OCT-2005	08-FEB-2005	10-MAY-2005	09-AUG-2005	04-OCT-2005
			P305427	P314589	P285787	P295108	P305437	P314599
bis(2-chloroethyl) ether	2.62	UG/L	ND	ND	ND	ND	ND	ND
1,3-dichlorobenzene	1.65	UG/L	ND	ND	ND	ND	ND	ND
1,2-dichlorobenzene	1.63	UG/L	ND	ND	ND	ND	ND	ND
1,4-dichlorobenzene	2.3	UG/L	ND	ND	ND	2.3	2.7	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	15.4	19.4	21.9	ND	ND	14.8
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[A]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
Total Dichlorobenzenes	1.65	UG/L	0.0	0.0	0.0	0.0	0.0	0.0
Base/Neutral Compounds	10.43	UG/L	15.4	19.4	21.9	2.3	2.7	14.8

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
ANNUAL SLUDGE - Base/Neutrals

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

Analyte	MDL	Units	MBCDEWCN	MBCDEWCN	MBCDEWCN	MBCDEWCN
			28-FEB-2005 P290401	31-MAY-2005 P301115	31-AUG-2005 P312471	31-OCT-2005 P319850
bis(2-chloroethyl) ether	330	UG/KG	ND	ND	ND	ND
1,3-dichlorobenzene	330	UG/KG	ND	ND	ND	ND
1,4-dichlorobenzene	330	UG/KG	4190	1200	1290	ND
1,2-dichlorobenzene	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	1450	ND	498	ND
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	ND	ND	393	ND
2,6-dinitrotoluene	330	UG/KG	ND	ND	ND	ND
Acenaphthene	330	UG/KG	ND	ND	ND	ND
2,4-dinitrotoluene	330	UG/KG	ND	ND	ND	ND
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	ND
N-nitrosodiphenylamine	330	UG/KG	1880	ND	ND	ND
4-bromophenyl phenyl ether	330	UG/KG	ND	ND	ND	ND
Hexachlorobenzene	330	UG/KG	ND	ND	ND	ND
Phenanthrene	330	UG/KG	2790	ND	802	ND
Anthracene	330	UG/KG	ND	ND	ND	ND
Di-n-butyl phthalate	330	UG/KG	1670	ND	618	ND
N-nitrosodimethylamine	330	UG/KG	ND	ND	ND	ND
Fluoranthene	330	UG/KG	ND	ND	ND	ND
Pyrene	330	UG/KG	1720	ND	447	ND
Butyl benzyl phthalate	330	UG/KG	11200	ND	ND	ND
Chrysene	330	UG/KG	ND	ND	ND	ND
Benzo[A]anthracene	330	UG/KG	ND	ND	ND	ND
Bis-(2-ethylhexyl) phthalate	330	UG/KG	326000	87400	123000	71500
Di-n-octyl phthalate	330	UG/KG	41700	ND	<330	4890
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	330	UG/KG	4510	0	1249	0
Dichlorobenzenes	330	UG/KG	4190	1200	1290	0
===== Base/Neutral Compounds	330	UG/KG	392600	88600	127048	76390
Additional analytes determined; ===== 1-methylnaphthalene		UG/KG	3340	809	939	ND
2-methylnaphthalene		UG/KG	5070	1250	1470	ND
2,6-dimethylnaphthalene		UG/KG	5070	1490	1190	ND
2,3,5-trimethylnaphthalene		UG/KG	4700	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	ND
Pyridine		UG/KG	ND	ND	ND	ND
nd= not detected NA= not analyzed NS= not sampled						

POINT LOMA WASTEWATER TREATMENT PLANT
Annual Sewage Dioxin and Furan Analysis

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

Analyte	MDL	Units	Equiv	PLE	PLE	PLE	PLE	PLE	PLE	PLE	PLE	PLE
				JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
				P284964	P285772	P290601	P294448	P295093	P301231	P304402	P305422	P312727
2,3,7,8-tetra CDD	500	PG/L	1.000	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3,7,8-penta CDD	500	PG/L	0.500	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3,4,7,8-hexa_CDD	500	PG/L	0.100	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDD	500	PG/L	0.100	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDD	500	PG/L	0.100	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDD	500	PG/L	0.010	ND	ND	ND	ND	ND	ND	ND	ND	ND
octa CDD	1000	PG/L	0.001	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,3,7,8-tetra CDF	250	PG/L	0.100	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3,7,8-penta CDF	500	PG/L	0.050	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,3,4,7,8-penta CDF	500	PG/L	0.500	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3,4,7,8-hexa CDF	500	PG/L	0.100	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDF	500	PG/L	0.100	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDF	500	PG/L	0.100	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,3,4,6,7,8-hexa CDF	500	PG/L	0.100	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDF	500	PG/L	0.010	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3,4,7,8,9-hepta CDF	500	PG/L	0.010	ND	ND	ND	ND	ND	ND	ND	ND	ND
octa CDF	1000	PG/L	0.001	ND	ND	ND	ND	ND	ND	ND	ND	ND

Analyte	MDL	Units	Equiv	PLE	PLE	PLE
				OCT	NOV	DEC
				P314584	P320957	P323137
2,3,7,8-tetra CDD	500	PG/L	1.000	ND	ND	ND
1,2,3,7,8-penta CDD	500	PG/L	0.500	ND	ND	ND
1,2,3,4,7,8-hexa_CDD	500	PG/L	0.100	ND	ND	ND
1,2,3,6,7,8-hexa CDD	500	PG/L	0.100	ND	ND	ND
1,2,3,7,8,9-hexa CDD	500	PG/L	0.100	ND	ND	ND
1,2,3,4,6,7,8-hepta CDD	500	PG/L	0.010	ND	ND	ND
octa CDD	1000	PG/L	0.001	ND	ND	ND
2,3,7,8-tetra CDF	250	PG/L	0.100	ND	ND	ND
1,2,3,7,8-penta CDF	500	PG/L	0.050	ND	ND	ND
2,3,4,7,8-penta CDF	500	PG/L	0.500	ND	ND	ND
1,2,3,4,7,8-hexa CDF	500	PG/L	0.100	ND	ND	ND
1,2,3,6,7,8-hexa CDF	500	PG/L	0.100	ND	ND	ND
1,2,3,7,8,9-hexa CDF	500	PG/L	0.100	ND	ND	ND
2,3,4,6,7,8-hexa CDF	500	PG/L	0.100	ND	ND	ND
1,2,3,4,6,7,8-hepta CDF	500	PG/L	0.010	ND	ND	ND
1,2,3,4,7,8,9-hepta CDF	500	PG/L	0.010	ND	ND	ND
octa CDF	1000	PG/L	0.001	ND	ND	ND

Above are permit required CDD/CDF isomers.

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

POINT LOMA WASTEWATER TREATMENT PLANT
Annual Sewage Dioxin and Furan Analysis

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

Analyte	MDL	Units	PLE	PLE	PLE	PLE	PLE	PLE	PLE	PLE	
			TCDD	TCDD	TCDD	TCDD	TCDD	TCDD	TCDD	TCDD	TCDD
			JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
			P284964	P285772	P290601	P294448	P295093	P301231	P304402	P305422	P312727
2,3,7,8-tetra CDD	500	PG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3,7,8-penta CDD	500	PG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3,4,7,8-hexa_CDD	500	PG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDD	500	PG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDD	500	PG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDD	500	PG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
octa CDD	1000	PG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,3,7,8-tetra CDF	250	PG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3,7,8-penta CDF	500	PG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,3,4,7,8-penta CDF	500	PG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3,4,7,8-hexa CDF	500	PG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDF	500	PG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDF	500	PG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,3,4,6,7,8-hexa CDF	500	PG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDF	500	PG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3,4,7,8,9-hepta CDF	500	PG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
octa CDF	1000	PG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND

Analyte	MDL	Units	PLE	PLE	PLE
			TCDD	TCDD	TCDD
			OCT	NOV	DEC
			P314584	P320957	P323137
2,3,7,8-tetra CDD	500	PG/L	ND	ND	ND
1,2,3,7,8-penta CDD	500	PG/L	ND	ND	ND
1,2,3,4,7,8-hexa_CDD	500	PG/L	ND	ND	ND
1,2,3,6,7,8-hexa CDD	500	PG/L	ND	ND	ND
1,2,3,7,8,9-hexa CDD	500	PG/L	ND	ND	ND
1,2,3,4,6,7,8-hepta CDD	500	PG/L	ND	ND	ND
octa CDD	1000	PG/L	ND	ND	ND
2,3,7,8-tetra CDF	250	PG/L	ND	ND	ND
1,2,3,7,8-penta CDF	500	PG/L	ND	ND	ND
2,3,4,7,8-penta CDF	500	PG/L	ND	ND	ND
1,2,3,4,7,8-hexa CDF	500	PG/L	ND	ND	ND
1,2,3,6,7,8-hexa CDF	500	PG/L	ND	ND	ND
1,2,3,7,8,9-hexa CDF	500	PG/L	ND	ND	ND
2,3,4,6,7,8-hexa CDF	500	PG/L	ND	ND	ND
1,2,3,4,6,7,8-hepta CDF	500	PG/L	ND	ND	ND
1,2,3,4,7,8,9-hepta CDF	500	PG/L	ND	ND	ND
octa CDF	1000	PG/L	ND	ND	ND

Above are permit required CDD/CDF isomers.

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

POINT LOMA WASTEWATER TREATMENT PLANT
Annual Sewage Dioxin and Furan Analysis

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

Analyte	MDL	Units	Equiv	PLR	PLR	PLR	PLR	PLR	PLR	PLR	PLR	PLR
				JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
				P284967	P285777	P290604	P294451	P295098	P301234	P304405	P305427	P312730
2,3,7,8-tetra CDD	500	PG/L	1.000	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3,7,8-penta CDD	500	PG/L	0.500	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3,4,7,8-hexa_CDD	500	PG/L	0.100	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDD	500	PG/L	0.100	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDD	500	PG/L	0.100	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDD	500	PG/L	0.010	ND	ND	ND	ND	ND	ND	ND	ND	ND
octa CDD	1000	PG/L	0.001	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,3,7,8-tetra CDF	250	PG/L	0.100	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3,7,8-penta CDF	500	PG/L	0.050	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,3,4,7,8-penta CDF	500	PG/L	0.500	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3,4,7,8-hexa CDF	500	PG/L	0.100	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDF	500	PG/L	0.100	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDF	500	PG/L	0.100	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,3,4,6,7,8-hexa CDF	500	PG/L	0.100	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDF	500	PG/L	0.010	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3,4,7,8,9-hepta CDF	500	PG/L	0.010	ND	ND	ND	ND	ND	ND	ND	ND	ND
octa CDF	1000	PG/L	0.001	ND	ND	ND	ND	ND	ND	ND	ND	ND

Analyte	MDL	Units	Equiv	PLR	PLR	PLR
				OCT	NOV	DEC
				P314589	P320960	P323140
2,3,7,8-tetra CDD	500	PG/L	1.000	ND	ND	ND
1,2,3,7,8-penta CDD	500	PG/L	0.500	ND	ND	ND
1,2,3,4,7,8-hexa_CDD	500	PG/L	0.100	ND	ND	ND
1,2,3,6,7,8-hexa CDD	500	PG/L	0.100	ND	ND	ND
1,2,3,7,8,9-hexa CDD	500	PG/L	0.100	ND	ND	ND
1,2,3,4,6,7,8-hepta CDD	500	PG/L	0.010	ND	ND	ND
octa CDD	1000	PG/L	0.001	ND	ND	ND
2,3,7,8-tetra CDF	250	PG/L	0.100	ND	ND	ND
1,2,3,7,8-penta CDF	500	PG/L	0.050	ND	ND	ND
2,3,4,7,8-penta CDF	500	PG/L	0.500	ND	ND	ND
1,2,3,4,7,8-hexa CDF	500	PG/L	0.100	ND	ND	ND
1,2,3,6,7,8-hexa CDF	500	PG/L	0.100	ND	ND	ND
1,2,3,7,8,9-hexa CDF	500	PG/L	0.100	ND	ND	ND
2,3,4,6,7,8-hexa CDF	500	PG/L	0.100	ND	ND	ND
1,2,3,4,6,7,8-hepta CDF	500	PG/L	0.010	ND	ND	ND
1,2,3,4,7,8,9-hepta CDF	500	PG/L	0.010	ND	ND	ND
octa CDF	1000	PG/L	0.001	ND	ND	ND

Above are permit required CDD/CDF isomers.

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

POINT LOMA WASTEWATER TREATMENT PLANT
Annual Sewage Dioxin and Furan Analysis

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

Analyte	MDL	Units	PLR	PLR	PLR	PLR	PLR	PLR	PLR	PLR	
			TCDD	TCDD	TCDD	TCDD	TCDD	TCDD	TCDD	TCDD	TCDD
			JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
			P284967	P285777	P290604	P294451	P295098	P301234	P304405	P305427	P312730
2,3,7,8-tetra CDD	500	PG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3,7,8-penta CDD	500	PG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3,4,7,8-hexa_CDD	500	PG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDD	500	PG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDD	500	PG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDD	500	PG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
octa CDD	1000	PG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,3,7,8-tetra CDF	250	PG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3,7,8-penta CDF	500	PG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,3,4,7,8-penta CDF	500	PG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3,4,7,8-hexa CDF	500	PG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDF	500	PG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDF	500	PG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,3,4,6,7,8-hexa CDF	500	PG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDF	500	PG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3,4,7,8,9-hepta CDF	500	PG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
octa CDF	1000	PG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND

Analyte	MDL	Units	PLR	PLR	PLR
			TCDD	TCDD	TCDD
			OCT	NOV	DEC
			P314589	P320960	P323140
2,3,7,8-tetra CDD	500	PG/L	ND	ND	ND
1,2,3,7,8-penta CDD	500	PG/L	ND	ND	ND
1,2,3,4,7,8-hexa_CDD	500	PG/L	ND	ND	ND
1,2,3,6,7,8-hexa CDD	500	PG/L	ND	ND	ND
1,2,3,7,8,9-hexa CDD	500	PG/L	ND	ND	ND
1,2,3,4,6,7,8-hepta CDD	500	PG/L	ND	ND	ND
octa CDD	1000	PG/L	ND	ND	ND
2,3,7,8-tetra CDF	250	PG/L	ND	ND	ND
1,2,3,7,8-penta CDF	500	PG/L	ND	ND	ND
2,3,4,7,8-penta CDF	500	PG/L	ND	ND	ND
1,2,3,4,7,8-hexa CDF	500	PG/L	ND	ND	ND
1,2,3,6,7,8-hexa CDF	500	PG/L	ND	ND	ND
1,2,3,7,8,9-hexa CDF	500	PG/L	ND	ND	ND
2,3,4,6,7,8-hexa CDF	500	PG/L	ND	ND	ND
1,2,3,4,6,7,8-hepta CDF	500	PG/L	ND	ND	ND
1,2,3,4,7,8,9-hepta CDF	500	PG/L	ND	ND	ND
octa CDF	1000	PG/L	ND	ND	ND

Above are permit required CDD/CDF isomers.

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

POINT LOMA WASTEWATER TREATMENT PLANT
 QUARTERLY SLUDGE - Dioxins analysis
 From 01-JAN-2005to 31-DEC-2005

Analyte	MDL	Units	MBCDEWCN	MBCDEWCN
			31-MAY-2005	31-OCT-2005
			P301115	P319850
=====	===	=====	=====	=====
2,3,7,8-tetra CDD	2.9	NG/KG	ND	ND
1,2,3,7,8-penta CDD	8.9	NG/KG	ND	ND
1,2,3,4,7,8-hexa_CDD	8.6	NG/KG	ND	ND
1,2,3,6,7,8-hexa CDD		NG/KG	39	22
1,2,3,7,8,9-hexa CDD		NG/KG	E12	12
1,2,3,4,6,7,8-hepta CDD		NG/KG	320	330
octa CDD		NG/KG	1900	1850
2,3,7,8-tetra CDF		NG/KG	4	5
1,2,3,7,8-penta CDF	3.3	NG/KG	ND	ND
2,3,4,7,8-penta CDF	3.4	NG/KG	ND	ND
1,2,3,4,7,8-hexa CDF	7.7	NG/KG	ND	ND
1,2,3,6,7,8-hexa CDF	6.7	NG/KG	ND	ND
1,2,3,7,8,9-hexa CDF	10	NG/KG	ND	ND
2,3,4,6,7,8-hexa CDF	8.5	NG/KG	ND	ND
1,2,3,4,6,7,8-hepta CDF		NG/KG	E63	55
1,2,3,4,7,8,9-hepta CDF	24	NG/KG	ND	ND
octa CDF		NG/KG	220	215

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

B. North City Water Reclamation Plant sources
(also reported in the NCWRP Annual Report)

North City Water Reclamation Plant

2005 Sludge Projects

Physical Parameters

Analytes	MDL Units	N01-PS_INF	N01-PS_INF	N01-PS_INF	N01-PS_INF
		08-FEB-2005	09-FEB-2005	10-MAY-2005	11-MAY-2005
Ammonia-N	.2 MG/L	31.3	NR	28.1	NR
BOD (Biochemical Oxygen Demand)	2 MG/L	253.0	NR	183.0	NR
Hexane Extractable Material	1.4 MG/L	NR	27.8	NR	34.7
Chemical Oxygen Demand	22 MG/L	189	NR	180	NR
Conductivity	10 UMHOS/CM	1860	NR	2000	NR
MBAS (Surfactants)	.03 MG/L	7.8	NR	7.7	NR
pH (grab)	PH	NR	7.2	NR	7.2
pH (composite)	PH	7.5	NR	7.5	NR
Total Alkalinity (bicarbonate)	1.5 MG/L	279	NR	278	NR
Total Dissolved Solids	42 MG/L	1050	NR	1110	NR
Total Suspended Solids	1.6 MG/L	232.0	NR	164.0	NR
Volatile Suspended Solids	1.6 MG/L	206.0	NR	144.0	NR
Total Kjeldahl Nitrogen	1.6 MG/L	39.9	NR	36.9	NR
Turbidity	NTU	130.0	NR	96.0	NR

Analytes	MDL Units	N01-PS_INF	N01-PS_INF	N01-PS_INF	N01-PS_INF
		09-AUG-2005	10-AUG-2005	04-OCT-2005	05-OCT-2005
Ammonia-N	.2 MG/L	32.3	NR	34.6	NR
BOD (Biochemical Oxygen Demand)	2 MG/L	166.0	NR	209.0	NR
Hexane Extractable Material	1.4 MG/L	NR	21.5	NR	43.1
Chemical Oxygen Demand	22 MG/L	596	NR	289	NR
Conductivity	10 UMHOS/CM	1880	NR	2090	NR
Grease/oil	MG/L	NR	NR	NR	NR
MBAS (Surfactants)	.03 MG/L	9.2	NR	8.5	NR
pH (grab)	PH	NR	7.3	NR	7.3
pH (composite)	PH	7.5	NR	7.7	NR
Total Alkalinity (bicarbonate)	1.5 MG/L	271	NR	288	NR
Total Dissolved Solids	42 MG/L	1340	NR	1140	NR
Total Suspended Solids	1.6 MG/L	140.0	NR	174.0	NR
Volatile Suspended Solids	1.6 MG/L	124.0	NR	148.0	NR
Total Kjeldahl Nitrogen	1.6 MG/L	42.4	NR	47.5	NR
Turbidity	NTU	100.0	NR	130.0	NR

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

North City Water Reclamation Plant

2005 Sludge Projects

Physical Parameters

Analytes	MDL Units	N01-PEN	N01-PEN	N01-PEN	N01-PEN
		08-FEB-2005	09-FEB-2005	10-MAY-2005	11-MAY-2005
Ammonia-N	.2 MG/L	25.7	NR	27.5	NR
BOD (Biochemical Oxygen Demand)	2 MG/L	167.0	NR	143.0	NR
Hexane Extractable Material	1.4 MG/L	NR	55.7	NR	57.0
Chemical Oxygen Demand	22 MG/L	155	NR	112	NR
Conductivity	10 UMHOS/CM	1800	NR	1770	NR
MBAS (Surfactants)	.03 MG/L	6.8	NR	7.3	NR
pH (grab)	PH	NR	7.3	NR	7.2
pH (composite)	PH	7.6	NR	7.5	NR
Total Alkalinity (bicarbonate)	1.5 MG/L	281	NR	277	NR
Total Dissolved Solids	42 MG/L	1030	NR	900	NR
Total Suspended Solids	1.6 MG/L	154.0	NR	190.0	NR
Volatile Suspended Solids	1.6 MG/L	136.0	NR	162.0	NR
Total Kjeldahl Nitrogen	1.6 MG/L	38.1	NR	43.5	NR
Turbidity	NTU	100.0	NR	130.0	NR

Analytes	MDL Units	N01-PEN	N01-PEN	N01-PEN	N01-PEN
		09-AUG-2005	10-AUG-2005	04-OCT-2005	05-OCT-2005
Ammonia-N	.2 MG/L	NA*	NA*	29.9	NR
BOD (Biochemical Oxygen Demand)	2 MG/L	NA*	NA*	221.0	NR
Hexane Extractable Material	1.4 MG/L	NA*	NA*	NR	52.9
Chemical Oxygen Demand	22 MG/L	NA*	NA*	135	NR
Conductivity	10 UMHOS/CM	NA*	NA*	1780	NR
MBAS (Surfactants)	.03 MG/L	NA*	NA*	6.6	NR
pH (grab)	PH	NA*	NA*	NR	7.2
pH (composite)	PH	NA*	NA*	7.3	NR
Total Alkalinity (bicarbonate)	1.5 MG/L	NA*	NA*	252	NR
Total Dissolved Solids	42 MG/L	NA*	NA*	932	NR
Total Suspended Solids	1.6 MG/L	NA*	NA*	286.0	NR
Volatile Suspended Solids	1.6 MG/L	NA*	NA*	218.0	NR
Total Kjeldahl Nitrogen	1.6 MG/L	NA*	NA*	43.2	NR
Turbidity	NTU	NA*	NA*	190.0	NR

*=Penasquitos Pump Station was off-line. Flow was diverted to N01-PS_INF.

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

North City Water Reclamation Plant

2005 Sludge Projects

Physical Parameters

Analytes	MDL Units	N10-EFF	N10-EFF	N10-EFF	N10-EFF
		08-FEB-2005	09-FEB-2005	10-MAY-2005	11-MAY-2005
Ammonia-N	.2 MG/L	28.0	NR	25.4	NR
BOD (Biochemical Oxygen Demand)	2 MG/L	142.0	NR	126.0	NR
Hexane Extractable Material	1.4 MG/L	NR	35.6	NR	36.4
Chemical Oxygen Demand	22 MG/L	205	NR	266	NR
Conductivity	10 UMHOS/CM	1820	NR	1840	NR
MBAS (Surfactants)	.03 MG/L	7.9	NR	7.0	NR
pH (grab)	PH	NR	7.4	NR	7.4
pH (composite)	PH	7.6	NR	7.6	NR
Total Alkalinity (bicarbonate)	1.5 MG/L	266	NR	269	NR
Total Dissolved Solids	42 MG/L	1020	NR	1040	NR
Total Suspended Solids	1.6 MG/L	81.0	NR	83.0	NR
Volatile Suspended Solids	1.6 MG/L	68.0	NR	71.0	NR
Total Kjeldahl Nitrogen	1.6 MG/L	40.5	NR	37.3	NR
Turbidity	NTU	76.0	NR	77.0	NR

Analytes	MDL Units	N10-EFF	N10-EFF	N10-EFF	N10-EFF
		09-AUG-2005	10-AUG-2005	04-OCT-2005	05-OCT-2005
Ammonia-N	.2 MG/L	29.3	NR	33.5	NR
BOD (Biochemical Oxygen Demand)	2 MG/L	132.0	NR	133.0	NR
Hexane Extractable Material	1.4 MG/L	NR	25.9	NR	25.2
Chemical Oxygen Demand	22 MG/L	358	NR	219	NR
Conductivity	10 UMHOS/CM	1890	NR	2010	NR
MBAS (Surfactants)	.03 MG/L	9.3	NR	7.7	NR
pH (grab)	PH	NR	7.3	NR	7.3
pH (composite)	PH	7.5	NR	7.5	NR
Total Alkalinity (bicarbonate)	1.5 MG/L	261	NR	278	NR
Total Dissolved Solids	42 MG/L	1400	NR	1080	NR
Total Suspended Solids	1.6 MG/L	67.0	NR	105.0	NR
Volatile Suspended Solids	1.6 MG/L	58.0	NR	80.0	NR
Total Kjeldahl Nitrogen	1.6 MG/L	38.1	NR	43.1	NR
Turbidity	NTU	68.0	NR	79.0	NR

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

North City Water Reclamation Plant

2005 Sludge Projects

Physical Parameters

Analytes	MDL	Units	N34-REC WATER	N34-REC WATER	N34-REC WATER	N34-REC WATER
			08-FEB-2005	09-FEB-2005	10-MAY-2005	11-MAY-2005
Ammonia-N	.2	MG/L	ND	NR	0.2	NR
BOD (Biochemical Oxygen Demand)	2	MG/L	ND	NR	ND	NR
Hexane Extractable Material	1.4	MG/L	NR	2.5	NR	1.6
Chemical Oxygen Demand	22	MG/L	33	NR	40	NR
Conductivity	10	UMHOS/CM	1540	NR	1540	NR
MBAS (Surfactants)	.03	MG/L	0.1	NR	0.2	NR
pH (grab)		PH	NR	7.3	NR	7.3
pH (composite)		PH	7.6	NR	7.5	NR
Total Alkalinity (bicarbonate)	1.5	MG/L	121	NR	132	NR
Total Dissolved Solids	42	MG/L	912	NR	912	NR
Total Suspended Solids	1.6	MG/L	ND	NR	ND	NR
Volatile Suspended Solids	1.6	MG/L	ND	NR	ND	NR
Total Kjeldahl Nitrogen	1.6	MG/L	ND	NR	ND	NR
Total Organic Carbon		MG/L	9.0	NR	8.8	NR
Turbidity		NTU	1.2	NR	1.9	NR

Analytes	MDL	Units	N34-REC WATER	N34-REC WATER	N34-REC WATER	N34-REC WATER
			09-AUG-2005	10-AUG-2005	04-OCT-2005	05-OCT-2005
Ammonia-N	.2	MG/L	ND	NR	ND	NR
BOD (Biochemical Oxygen Demand)	2	MG/L	ND	NR	ND	NR
Hexane Extractable Material	1.4	MG/L	NR	ND	NR	2.6
Chemical Oxygen Demand	22	MG/L	34	NR	29	NR
Conductivity	10	UMHOS/CM	1580	NR	1400	NR
MBAS (Surfactants)	.03	MG/L	0.2	NR	0.1	NR
pH (grab)		PH	NR	7.2	NR	7.4
pH (composite)		PH	7.4	NR	7.8	NR
Total Alkalinity (bicarbonate)	1.5	MG/L	123	NR	116	NR
Total Dissolved Solids	42	MG/L	1270	NR	808	NR
Total Suspended Solids	1.6	MG/L	ND	NR	ND	NR
Volatile Suspended Solids	1.6	MG/L	ND	NR	ND	NR
Total Kjeldahl Nitrogen	1.6	MG/L	ND	NR	ND	NR
Total Organic Carbon		MG/L	8.8	NR	6.9	NR
Turbidity		NTU	1.1	NR	0.9	NR

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

- N30-DFE = Disinfected Final Effluent
- N10-EFF = Primary Effluent
- N01-PS_INF = North City Pump Station Influent (PS #64)
- N01-PEN = Penasquitos Pump Station Influent
- N34-REC WATER = Reclaimed Water

North City Water Reclamation Plant

2005

Metals and Ions

Source:		N10-EFF	N10-EFF	N10-EFF	N10-EFF	N01-PS_INF
Date:		08-FEB-2005	10-MAY-2005	09-AUG-2005	04-OCT-2005	08-FEB-2005
Sample ID:	MDL Units	P285802	P295123	P305452	P314614	P285792
=====	=====	=====	=====	=====	=====	=====
Aluminum	6.6 UG/L	565	503	490	795	1280
Antimony	1.015 UG/L	ND	<1	ND	ND	ND
Arsenic	.4 UG/L	1.03	1.12	1.07	1.10	1.29
Barium	.02015 UG/L	74	77	103	97	93
Beryllium	.0395 UG/L	ND	ND	ND	ND	ND
Boron	1.101 UG/L	391	403	387	447	396
Cadmium	.1945 UG/L	0.8	0.3	0.3	ND	0.6
Chromium	.1885 UG/L	3	2	8	<0	4
Cobalt	.162 UG/L	ND	ND	1	ND	ND
Copper	.3925 UG/L	99	56	82	72	151
Iron	.785 UG/L	408	2220	367	4200	526
Lead	1.384 UG/L	ND	ND	ND	ND	ND
Manganese	.0494 UG/L	179	200	186	241	215
Mercury	.09 UG/L	ND	ND	ND	ND	0.16
Molybdenum	.122 UG/L	10	10	16	11	10
Nickel	.2675 UG/L	9	7	7	6	9
Selenium	.28 UG/L	0.94	1.77	1.32	1.09	1.10
Silver	.156 UG/L	1.4	2.0	2.7	1.0	4.0
Thallium	1.806 UG/L	ND	ND	ND	ND	ND
Vanadium	.4755 UG/L	1	2	1	1	2
Zinc	.5435 UG/L	70	50	65	69	121
Bromide	.1 MG/L	0.44	0.57	0.51	0.57	0.58
Chloride	7 MG/L	265	262	260	295	283
Fluoride	.05 MG/L	0.34	0.36	0.27	0.40	0.34
Nitrate	.04 MG/L	ND	ND	ND	ND	ND
Ortho Phosphate	.2 MG/L	8.24	5.30	6.82	5.51	8.10
Sulfate	9 MG/L	205	240	269	245	210
Calcium	.034 MG/L	75	88	92	85	79
Lithium	.001 MG/L	0.03	0.03	0.04	0.05	0.03
Magnesium	.014 MG/L	36	40	40	40	37
Potassium	.04 MG/L	15	16	16	19	17
Sodium	.223 MG/L	184	186	198	256	196
Calcium Hardness	.2 MG/L	188	218	228	212	198
Magnesium Hardness	.08 MG/L	149	165	165	163	151
Total Hardness	.22 MG/L	336	384	393	375	348
Cyanides, Total	.002 MG/L	ND	ND	ND	ND	ND
Sulfides-Total	.18 MG/L	0.30	0.40	0.39	1.75	0.65
Total Kjeldahl Nitrogen	1.6 MG/L	40.5	37.3	38.1	43.1	39.9
Ammonia-N	.2 MG/L	28.0	25.4	29.3	33.5	31.3
Adjusted Sodium Adsorption		RATIO	NR	NR	NR	NR
Percent Sodium		PERCENT	NR	NR	NR	NR

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

N10-EFF = Primary Effluent
 N01-PS_INF = North City Pump Station Influent (PS #64)
 N01-PEN = Penasquitos Pump Station Influent
 N34-REC WATER = Reclaimed Water

North City Water Reclamation Plant

2005

Metals and Ions

Source:		N01-PS_INF	N01-PS_INF	N01-PS_INF	N01-PEN	N01-PEN
Date:		10-MAY-2005	09-AUG-2005	04-OCT-2005	08-FEB-2005	10-MAY-2005
Sample ID:	MDL Units	P295113	P305442	P314604	P285797	P295118
=====	=====	=====	=====	=====	=====	=====
Aluminum	6.6 UG/L	857	1250	1040	882	1640
Antimony	1.015 UG/L	ND	ND	ND	ND	ND
Arsenic	.4 UG/L	1.45	1.12	0.98	1.11	1.82
Barium	.02015 UG/L	106	124	130	97	104
Beryllium	.0395 UG/L	ND	ND	ND	ND	ND
Boron	1.101 UG/L	381	373	429	359	353
Cadmium	.1945 UG/L	0.2	0.4	ND	0.9	ND
Chromium	.1885 UG/L	2	2	2	4	8
Cobalt	.162 UG/L	<0	1	<0	ND	1
Copper	.3925 UG/L	101	121	118	86	84
Iron	.785 UG/L	863	581	838	305	8700
Lead	1.384 UG/L	2	2	3	ND	2
Manganese	.0494 UG/L	227	183	198	78.3	173
Mercury	.09 UG/L	0.10	0.13	0.15	ND	ND
Molybdenum	.122 UG/L	14	12	12	9	9
Nickel	.2675 UG/L	7	7	5	10	9
Selenium	.28 UG/L	1.46	1.47	1.42	1.27	1.59
Silver	.156 UG/L	4.2	3.1	3.5	1.0	1.1
Thallium	1.806 UG/L	ND	ND	ND	ND	ND
Vanadium	.4755 UG/L	1	2	1	4	6
Zinc	.5435 UG/L	93	115	116	91	99
Bromide	.1 MG/L	0.68	0.35	1.14	0.42	0.44
Chloride	7 MG/L	307	259	310	251	232
Fluoride	.05 MG/L	0.30	0.18	0.40	0.34	0.30
Nitrate	.04 MG/L	ND	ND	ND	ND	0.64
Ortho Phosphate	.2 MG/L	8.81	8.52	9.60	8.06	ND
Sulfate	9 MG/L	244	264	239	217	237
Calcium	.034 MG/L	97	91	87	79	90
Lithium	.001 MG/L	0.04	0.04	0.05	0.02	0.03
Magnesium	.014 MG/L	42	40	40	41	42
Potassium	.04 MG/L	17	16	18	16	17
Sodium	.223 MG/L	209	199	244	184	179
Calcium Hardness	.2 MG/L	243	225	217	198	225
Magnesium Hardness	.08 MG/L	175	164	166	167	173
Total Hardness	.22 MG/L	417	389	383	365	398
Cyanides, Total	.002 MG/L	0.013	ND	ND	ND	ND
Sulfides-Total	.18 MG/L	0.47	1.38	1.22	0.48	2.21
Total Kjeldahl Nitrogen	1.6 MG/L	36.9	42.4	47.5	38.1	43.5
Ammonia-N	.2 MG/L	28.1	32.3	34.6	25.7	27.5
Adjusted Sodium Adsorption	RATIO	NR	NR	NR	NR	NR
Percent Sodium	PERCENT	NR	NR	NR	NR	NR

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

N10-EFF = Primary Effluent
 N01-PS_INF = North City Pump Station Influent (PS #64)
 N01-PEN = Penasquitos Pump Station Influent
 N34-REC WATER = Reclaimed Water

North City Water Reclamation Plant

2005

Metals and Ions

Source:		N01-PEN	N34-REC WATER	N34-REC WATER	N34-REC WATER	N34-REC WATER
Date:		04-OCT-2005	08-FEB-2005	10-MAY-2005	09-AUG-2005	04-OCT-2005
Sample ID:	MDL Units	P314609	P285807	P295128	P305457	P314619
=====	=====	=====	=====	=====	=====	=====
Aluminum	6.6 UG/L	2180	58	28	78	44
Antimony	1.015 UG/L	2	ND	2	ND	ND
Arsenic	.4 UG/L	2.19	0.76	1.02	0.81	0.48
Barium	.02015 UG/L	116	39	32	65	41
Beryllium	.0395 UG/L	ND	ND	ND	ND	ND
Boron	1.101 UG/L	417	403	413	409	386
Cadmium	.1945 UG/L	0.2	1.2	0.2	0.3	ND
Chromium	.1885 UG/L	7	1	<0	1	ND
Cobalt	.162 UG/L	ND	ND	ND	<0	ND
Copper	.3925 UG/L	88	12	5	24	7
Iron	.785 UG/L	26300	53	135	45	136
Lead	1.384 UG/L	ND	ND	ND	ND	ND
Manganese	.0494 UG/L	442	90.8	148	92.4	96.9
Mercury	.09 UG/L	ND	ND	ND	ND	ND
Molybdenum	.122 UG/L	10	7	7	13	7
Nickel	.2675 UG/L	9	7	7	6	5
Selenium	.28 UG/L	1.50	0.65	0.74	0.80	0.70
Silver	.156 UG/L	0.5	0.3	ND	ND	ND
Thallium	1.806 UG/L	ND	ND	ND	ND	ND
Vanadium	.4755 UG/L	6	1	1	1	ND
Zinc	.5435 UG/L	110	29	12	38	8
Bromide	.1 MG/L	0.41	ND	ND	ND	ND
Chloride	7 MG/L	242	269	249	243	208
Fluoride	.05 MG/L	0.40	0.35	0.32	0.22	0.34
Nitrate	.04 MG/L	ND	33.50	41.60	44.90	35.50
Ortho Phosphate	.2 MG/L	ND	3.65	ND	3.11	2.08
Sulfate	9 MG/L	226	173	211	237	201
Calcium	.034 MG/L	78	59	79	74	63
Lithium	.001 MG/L	0.05	0.02	0.03	0.05	0.04
Magnesium	.014 MG/L	36	28	36	33	28
Potassium	.04 MG/L	15	12	14	13	12
Sodium	.223 MG/L	183	202	202	189	181
Calcium Hardness	.2 MG/L	194	147	198	183	157
Magnesium Hardness	.08 MG/L	147	114	147	135	117
Total Hardness	.22 MG/L	340	261	345	318	273
Cyanides, Total	.002 MG/L	0.003	0.009	0.013	0.010	0.007
Sulfides-Total	.18 MG/L	2.67	ND	ND	ND	ND
Total Kjeldahl Nitrogen	1.6 MG/L	43.2	ND	ND	ND	ND
Ammonia-N	.2 MG/L	29.9	ND	0.2	ND	ND
Adjusted Sodium Adsorption	RATIO	NR	5.6	4.9	4.7	4.6
Percent Sodium	PERCENT	NR	61.4	54.8	55.0	57.7

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

N10-EFF = Primary Effluent
 N01-PS_INF = North City Pump Station Influent (PS #64)
 N01-PEN = Penasquitos Pump Station Influent
 N34-REC WATER = Reclaimed Water

North City Water Reclamation Plant

2005

Radiation

Source	Sample Date	Sample ID	Gross Alpha Radiation	Gross Beta Radiation
=====	=====	=====	=====	=====
N10-EFF	08-FEB-2005	P285802	1.7 ± 1.2	13.1 ± 3.2
N10-EFF	10-MAY-2005	P295123	6.4 ± 1.9	11.4 ± 4.2
N10-EFF	09-AUG-2005	P305452	1.5 ± 1.0	14.3 ± 4.0
N10-EFF	04-OCT-2005	P314614	5.1 ± 0.8	12.9 ± 3.3
N01-PS_INF	08-FEB-2005	P285792	1.8 ± 1.5	11.8 ± 3.1
N01-PS_INF	10-MAY-2005	P295113	5.9 ± 1.7	12.5 ± 3.2
N01-PS_INF	09-AUG-2005	P305442	4.4 ± 1.5	16.0 ± 3.8
N01-PS_INF	04-OCT-2005	P314604	5.8 ± 1.2	11.8 ± 3.3
N01-PEN	08-FEB-2005	P285797	9.0 ± 1.7	11.8 ± 3.1
N01-PEN	10-MAY-2005	P295118	8.6 ± 1.8	13.6 ± 4.6
N01-PEN	04-OCT-2005	P314609	9.8 ± 2.2	12.1 ± 3.4
N34-REC WATER	08-FEB-2005	P285807	0.5 ± 0.8	5.5 ± 2.7
N34-REC WATER	10-MAY-2005	P295128	1.6 ± 0.9	9.9 ± 2.0
N34-REC WATER	09-AUG-2005	P305457	1.6 ± 0.7	10.7 ± 2.9
N34-REC WATER	04-OCT-2005	P314619	1.5 ± 0.9	6.2 ± 2.4

Units in picocuries per Liter (pCi/L)

N10-EFF = Primary Effluent
 N01-PS_INF = North City Pump Station Influent (PS #64)
 N01-PEN = Penasquitos Pump Station Influent
 N34-REC WATER = Reclaimed Water

North City Water Reclamation Plant

2005

Organo-Tins

Analyte	MDL	Units	N01-PS_INF	N01-PS_INF	N01-PS_INF	N01-PS_INF	N01-PEN
			08-FEB-2005	10-MAY-2005	09-AUG-2005	04-OCT-2005	08-FEB-2005
			P285792	P295113	P305442	P314604	P285797
Tributyl tin	2	UG/L	ND	ND	ND	ND	ND
Dibutyl tin	7	UG/L	ND	ND	ND	ND	ND
Monobutyl Tin	16	UG/L	ND	ND	ND	ND	ND

Analyte	MDL	Units	N01-PEN	N01-PEN	N10-EFF	N10-EFF	N10-EFF
			10-MAY-2005	04-OCT-2005	08-FEB-2005	10-MAY-2005	09-AUG-2005
			P295118	P314609	P285802	P295123	P305452
Tributyl tin	2	UG/L	ND	ND	ND	ND	ND
Dibutyl tin	7	UG/L	ND	ND	ND	ND	ND
Monobutyl Tin	16	UG/L	ND	ND	ND	ND	ND

Analyte	MDL	Units	N10-EFF	N34-REC WATER	N34-REC WATER	N34-REC WATER	N34-REC WATER
			04-OCT-2005	08-FEB-2005	10-MAY-2005	09-AUG-2005	04-OCT-2005
			P314614	P285807	P295128	P305457	P314619
Tributyl tin	2	UG/L	ND	ND	ND	ND	ND
Dibutyl tin	7	UG/L	ND	ND	ND	ND	ND
Monobutyl Tin	16	UG/L	ND	ND	ND	ND	ND

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

North City Water Reclamation Plant

2005

Chlorinated Pesticides

Analyte	MDL	Units	N01-PS_INF	N01-PS_INF	N01-PS_INF	N01-PS_INF	N01-PEN
			08-FEB-2005	10-MAY-2005	09-AUG-2005	04-OCT-2005	08-FEB-2005
			P285792	P295113	P305442	P314604	P285797
Aldrin	60	NG/L	ND	ND	ND	ND	ND
BHC, Alpha isomer	20	NG/L	ND	ND	ND	ND	ND
BHC, Beta isomer	20	NG/L	ND	ND	ND	ND	ND
BHC, Delta isomer	20	NG/L	ND	ND	ND	ND	ND
BHC, Gamma isomer	10	NG/L	ND	12	ND	ND	ND
Alpha (cis) Chlordane	30	NG/L	ND	ND	ND	ND	ND
Gamma (trans) Chlordane	80	NG/L	ND	ND	ND	ND	ND
Alpha Chlordene		NG/L	NA	NA	NA	NA	NA
Gamma Chlordene		NG/L	NA	NA	NA	NA	NA
Cis Nonachlor	20	NG/L	ND	ND	ND	ND	ND
Dieldrin	50	NG/L	ND	ND	ND	ND	ND
Endosulfan Sulfate	20	NG/L	ND	ND	ND	ND	ND
Alpha Endosulfan	30	NG/L	ND	ND	ND	ND	ND
Beta Endosulfan	20	NG/L	ND	ND	ND	ND	ND
Endrin	50	NG/L	ND	ND	ND	ND	ND
Endrin aldehyde	20	NG/L	ND	ND	ND	ND	ND
Heptachlor	20	NG/L	ND	ND	ND	ND	ND
Heptachlor epoxide	20	NG/L	ND	ND	ND	ND	ND
Methoxychlor	60	NG/L	ND	ND	ND	ND	ND
Mirex	20	NG/L	ND	ND	ND	ND	ND
o,p-DDD	20	NG/L	ND	ND	ND	ND	ND
o,p-DDE	100	NG/L	ND	ND	ND	ND	ND
o,p-DDT	20	NG/L	ND	ND	ND	ND	ND
Oxychlordane	20	NG/L	ND	ND	ND	ND	ND
PCB 1016	4000	NG/L	ND	ND	ND	ND	ND
PCB 1221	4000	NG/L	ND	ND	ND	ND	ND
PCB 1232	4000	NG/L	ND	ND	ND	ND	ND
PCB 1242	4000	NG/L	ND	ND	ND	ND	ND
PCB 1248	2000	NG/L	ND	ND	ND	ND	ND
PCB 1254	2000	NG/L	ND	ND	ND	ND	ND
PCB 1260	2000	NG/L	ND	ND	ND	ND	ND
PCB 1262	2000	NG/L	ND	ND	ND	ND	ND
p,p-DDD	20	NG/L	ND	ND	ND	ND	ND
p,p-DDE	20	NG/L	ND	ND	ND	ND	ND
p,p-DDT	50	NG/L	ND	ND	ND	ND	ND
Toxaphene	4000	NG/L	ND	ND	ND	ND	ND
Trans Nonachlor	20	NG/L	ND	ND	ND	ND	ND
Heptachlors	20	NG/L	0	0	0	0	0
Endosulfans	30	NG/L	0	0	0	0	0
Polychlorinated biphenyls	4000	NG/L	0	0	0	0	0
Chlordane + related cmpds.	80	NG/L	0	0	0	0	0
DDT and derivatives	100	NG/L	0	0	0	0	0
Hexachlorocyclohexanes	20	NG/L	0	12	0	0	0
Aldrin + Dieldrin	60	NG/L	0	0	0	0	0
Chlorinated Hydrocarbons	4000	NG/L	0	12	0	0	0

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

North City Water Reclamation Plant

2005

Chlorinated Pesticides

Analyte	MDL	Units	N01-PEN	N01-PEN	N10-EFF	N10-EFF	N10-EFF
			10-MAY-2005 P295118	04-OCT-2005 P314609	08-FEB-2005 P285802	10-MAY-2005 P295123	09-AUG-2005 P305452
Aldrin	60	NG/L	ND	ND	ND	ND	ND
BHC, Alpha isomer	20	NG/L	ND	ND	ND	ND	ND
BHC, Beta isomer	20	NG/L	ND	ND	ND	ND	ND
BHC, Delta isomer	20	NG/L	ND	ND	ND	ND	ND
BHC, Gamma isomer	10	NG/L	ND	14	ND	10	ND
Alpha (cis) Chlordane	30	NG/L	ND	ND	ND	ND	ND
Gamma (trans) Chlordane	80	NG/L	ND	ND	ND	ND	ND
Alpha Chlordene		NG/L	NA	NA	NA	NA	NA
Gamma Chlordene		NG/L	NA	NA	NA	NA	NA
Cis Nonachlor	20	NG/L	ND	ND	ND	ND	ND
Dieldrin	50	NG/L	ND	ND	ND	ND	ND
Endosulfan Sulfate	20	NG/L	ND	ND	ND	ND	ND
Alpha Endosulfan	30	NG/L	ND	ND	ND	ND	ND
Beta Endosulfan	20	NG/L	ND	ND	ND	ND	ND
Endrin	50	NG/L	ND	ND	ND	ND	ND
Endrin aldehyde	20	NG/L	ND	ND	ND	ND	ND
Heptachlor	20	NG/L	ND	ND	ND	ND	ND
Heptachlor epoxide	20	NG/L	ND	ND	ND	ND	ND
Methoxychlor	60	NG/L	ND	ND	ND	ND	ND
Mirex	20	NG/L	ND	ND	ND	ND	ND
o,p-DDD	20	NG/L	ND	ND	ND	ND	ND
o,p-DDE	100	NG/L	ND	ND	ND	ND	ND
o,p-DDT	20	NG/L	ND	ND	ND	ND	ND
Oxychlordane	20	NG/L	ND	ND	ND	ND	ND
PCB 1016	4000	NG/L	ND	ND	ND	ND	ND
PCB 1221	4000	NG/L	ND	ND	ND	ND	ND
PCB 1232	4000	NG/L	ND	ND	ND	ND	ND
PCB 1242	4000	NG/L	ND	ND	ND	ND	ND
PCB 1248	2000	NG/L	ND	ND	ND	ND	ND
PCB 1254	2000	NG/L	ND	ND	ND	ND	ND
PCB 1260	2000	NG/L	ND	ND	ND	ND	ND
PCB 1262	2000	NG/L	ND	ND	ND	ND	ND
p,p-DDD	20	NG/L	ND	ND	ND	ND	ND
p,p-DDE	20	NG/L	ND	ND	ND	ND	ND
p,p-DDT	50	NG/L	ND	ND	ND	ND	ND
Toxaphene	4000	NG/L	ND	ND	ND	ND	ND
Trans Nonachlor	20	NG/L	ND	ND	ND	ND	ND
Heptachlors	20	NG/L	0	0	0	0	0
Endosulfans	30	NG/L	0	0	0	0	0
Polychlorinated biphenyl	4000	NG/L	0	0	0	0	0
Chlordane + related compd.	80	NG/L	0	0	0	0	0
DDT and derivatives	100	NG/L	0	0	0	0	0
Hexachlorocyclohexanes	20	NG/L	0	14	0	10	0
Aldrin + Dieldrin	60	NG/L	0	0	0	0	0
Chlorinated Hydrocarbons	4000	NG/L	0	14	0	10	0

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

North City Water Reclamation Plant

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Chlorinated Pesticides

Analyte	MDL	Units	N10-EFF	N34-REC WATER	N34-REC WATER	N34-REC WATER	N34-REC WATER
			04-OCT-2005 P314614	08-FEB-2005 P285807	10-MAY-2005 P295128	09-AUG-2005 P305457	04-OCT-2005 P314619
Aldrin	60	NG/L	ND	ND	ND	ND	ND
BHC, Alpha isomer	20	NG/L	ND	ND	ND	ND	ND
BHC, Beta isomer	20	NG/L	ND	ND	ND	ND	ND
BHC, Delta isomer	20	NG/L	ND	ND	ND	ND	ND
BHC, Gamma isomer	10	NG/L	21	ND	ND	ND	ND
Alpha (cis) Chlordane	30	NG/L	ND	ND	ND	ND	ND
Gamma (trans) Chlordane	80	NG/L	ND	ND	ND	ND	ND
Alpha Chlordene		NG/L	NA	NA	NA	NA	NA
Gamma Chlordene		NG/L	NA	NA	NA	NA	NA
Cis Nonachlor	20	NG/L	ND	ND	ND	ND	ND
Dieldrin	50	NG/L	ND	ND	ND	ND	ND
Endosulfan Sulfate	20	NG/L	ND	ND	ND	ND	ND
Alpha Endosulfan	30	NG/L	ND	ND	ND	ND	ND
Beta Endosulfan	20	NG/L	ND	ND	ND	ND	ND
Endrin	50	NG/L	ND	ND	ND	ND	ND
Endrin aldehyde	20	NG/L	ND	ND	ND	ND	ND
Heptachlor	20	NG/L	ND	ND	ND	ND	ND
Heptachlor epoxide	20	NG/L	ND	ND	ND	ND	ND
Methoxychlor	60	NG/L	ND	ND	ND	ND	ND
Mirex	20	NG/L	ND	ND	ND	ND	ND
o,p-DDD	20	NG/L	ND	ND	ND	ND	ND
o,p-DDE	100	NG/L	ND	ND	ND	ND	ND
o,p-DDT	20	NG/L	ND	ND	ND	ND	ND
Oxychlordane	20	NG/L	ND	ND	ND	ND	ND
PCB 1016	4000	NG/L	ND	ND	ND	ND	ND
PCB 1221	4000	NG/L	ND	ND	ND	ND	ND
PCB 1232	4000	NG/L	ND	ND	ND	ND	ND
PCB 1242	4000	NG/L	ND	ND	ND	ND	ND
PCB 1248	2000	NG/L	ND	ND	ND	ND	ND
PCB 1254	2000	NG/L	ND	ND	ND	ND	ND
PCB 1260	2000	NG/L	ND	ND	ND	ND	ND
PCB 1262	2000	NG/L	ND	ND	ND	ND	ND
p,p-DDD	20	NG/L	ND	ND	ND	ND	ND
p,p-DDE	20	NG/L	ND	ND	ND	ND	ND
p,p-DDT	50	NG/L	ND	ND	ND	ND	ND
Toxaphene	4000	NG/L	ND	ND	ND	ND	ND
Trans Nonachlor	20	NG/L	ND	ND	ND	ND	ND
Heptachlors	20	NG/L	0	0	0	0	0
Endosulfans	30	NG/L	0	0	0	0	0
Polychlorinated biphenyls	4000	NG/L	0	0	0	0	0
Chlordane + related cmpds	80	NG/L	0	0	0	0	0
DDT and derivatives	100	NG/L	0	0	0	0	0
Hexachlorocyclohexanes	20	NG/L	21	0	0	0	0
Aldrin + Dieldrin	60	NG/L	0	0	0	0	0
Chlorinated Hydrocarbons	4000	NG/L	21	0	0	0	0

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

North City Water Reclamation Plant

2005

Base/Neutral Compounds

Analyte	MDL	Units	N01-PS_INF	N01-PS_INF	N01-PS_INF	N01-PS_INF	N01-PEN
			08-FEB-2005 P285792	10-MAY-2005 P295113	09-AUG-2005 P305442	04-OCT-2005 P314604	08-FEB-2005 P285797
1,2,4-trichlorobenzene	1.44	UG/L	ND	ND	ND	ND	ND
1,2-dichlorobenzene	1.63	UG/L	ND	ND	ND	ND	ND
1,2-diphenylhydrazine	2.49	UG/L	ND	ND	ND	ND	ND
1,3-dichlorobenzene	1.65	UG/L	ND	ND	ND	ND	ND
1,4-dichlorobenzene	2.3	UG/L	ND	ND	ND	ND	ND
2,4-dinitrotoluene	1.49	UG/L	ND	ND	ND	ND	ND
2,6-dinitrotoluene	1.93	UG/L	ND	ND	ND	ND	ND
Dibenzo(A,H)anthracene	6.19	UG/L	ND	ND	ND	ND	ND
Diethyl phthalate	6.97	UG/L	ND	ND	ND	ND	ND
Dimethyl phthalate	3.26	UG/L	ND	ND	ND	ND	ND
Di-n-butyl phthalate	6.49	UG/L	ND	ND	ND	ND	ND
Di-n-octyl phthalate	8.59	UG/L	ND	ND	ND	ND	ND
2-chloronaphthalene	2.41	UG/L	ND	ND	ND	ND	ND
3,3-dichlorobenzidine	2.43	UG/L	ND	ND	ND	ND	ND
3,4-benzo(B)fluoranthene	6.63	UG/L	ND	ND	ND	ND	ND
4-bromophenyl phenyl ether	4.04	UG/L	ND	ND	ND	ND	ND
4-chlorophenyl phenyl ether	3.62	UG/L	ND	ND	ND	ND	ND
Hexachloroethane	3.55	UG/L	ND	ND	ND	ND	ND
Hexachlorobenzene	4.8	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
Acenaphthene	2.2	UG/L	ND	ND	ND	ND	ND
Acenaphthylene	2.02	UG/L	ND	ND	ND	ND	ND
Anthracene	4.04	UG/L	ND	ND	ND	ND	ND
Bis-(2-chloroisopropyl) ether	8.95	UG/L	ND	ND	ND	ND	ND
Bis-(2-ethylhexyl) phthalate	10.43	UG/L	ND	22.0	13.9	18.1	ND
Benzidine	1.02	UG/L	ND	ND	ND	ND	ND
Benzo[A]anthracene	7.68	UG/L	ND	ND	ND	ND	ND
Benzo[Al]pyrene	6.53	UG/L	ND	ND	ND	ND	ND
Benzo[G,H,I]perylene	6.5	UG/L	ND	ND	ND	ND	ND
Benzo[K]fluoranthene	7.36	UG/L	ND	ND	ND	ND	ND
bis(2-chloroethoxy)methane	1.57	UG/L	ND	ND	ND	ND	ND
bis(2-chloroethyl) ether	2.62	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
Fluoranthene	6.9	UG/L	ND	ND	ND	ND	ND
Fluorene	2.43	UG/L	ND	ND	ND	ND	ND
Indeno(1,2,3-CD)pyrene	6.27	UG/L	ND	ND	ND	ND	ND
Isophorone	1.93	UG/L	ND	ND	ND	ND	ND
Naphthalene	1.52	UG/L	ND	ND	ND	ND	ND
Nitrobenzene	1.52	UG/L	ND	ND	ND	ND	ND
N-nitrosodimethylamine	2.01	UG/L	ND	ND	ND	ND	ND
N-nitrosodiphenylamine	2.96	UG/L	ND	ND	ND	ND	ND
N-nitrosodi-n-propylamine	1.63	UG/L	ND	ND	ND	ND	ND
Phenanthrene	4.15	UG/L	ND	ND	ND	ND	ND
Pyrene	5.19	UG/L	ND	ND	ND	ND	ND
Polynuc. Aromatic Hydrocarbons	7.68	UG/L	0.0	0.0	0.0	0.0	0.0
Total Dichlorobenzenes	1.65	UG/L	0.0	0.0	0.0	0.0	0.0
Base/Neutral Compounds	10.43	UG/L	0.0	22.0	13.9	18.1	0.0

Additional Analytes Determined

Analyte	MDL	Units	N01-PS_INF	N01-PS_INF	N01-PS_INF	N01-PS_INF	N01-PEN
			08-FEB-2005 P285792	10-MAY-2005 P295113	09-AUG-2005 P305442	04-OCT-2005 P314604	08-FEB-2005 P285797
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

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

North City Water Reclamation Plant

2005

Base/Neutral Compounds

Analyte	MDL	Units	N01-PEN	N01-PEN	N10-EFF	N10-EFF	N10-EFF
			10-MAY-2005	04-OCT-2005	08-FEB-2005	10-MAY-2005	09-AUG-2005
			P295118	P314609	P285802	P295123	P305452
1,2,4-trichlorobenzene	1.44	UG/L	ND	ND	ND	ND	ND
1,2-dichlorobenzene	1.63	UG/L	ND	ND	ND	ND	ND
1,2-diphenylhydrazine	2.49	UG/L	ND	ND	ND	ND	ND
1,3-dichlorobenzene	1.65	UG/L	ND	ND	ND	ND	ND
1,4-dichlorobenzene	2.3	UG/L	ND	ND	ND	ND	ND
2,4-dinitrotoluene	1.49	UG/L	ND	ND	ND	ND	ND
2,6-dinitrotoluene	1.93	UG/L	ND	ND	ND	ND	ND
Dibenzo(A,H)anthracene	6.19	UG/L	ND	ND	ND	ND	ND
Diethyl phthalate	6.97	UG/L	ND	ND	ND	16.5	ND
Dimethyl phthalate	3.26	UG/L	ND	ND	ND	ND	ND
Di-n-butyl phthalate	6.49	UG/L	ND	ND	ND	ND	ND
Di-n-octyl phthalate	8.59	UG/L	ND	ND	ND	ND	ND
2-chloronaphthalene	2.41	UG/L	ND	ND	ND	ND	ND
3,3-dichlorobenzidine	2.43	UG/L	ND	ND	ND	ND	ND
3,4-benzo(B)fluoranthene	6.63	UG/L	ND	ND	ND	ND	ND
4-bromophenyl phenyl ether	4.04	UG/L	ND	ND	ND	ND	ND
4-chlorophenyl phenyl ether	3.62	UG/L	ND	ND	ND	ND	ND
Hexachloroethane	3.55	UG/L	ND	ND	ND	ND	ND
Hexachlorobenzene	4.8	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
Acenaphthene	2.2	UG/L	ND	ND	ND	ND	ND
Acenaphthylene	2.02	UG/L	ND	ND	ND	ND	ND
Anthracene	4.04	UG/L	ND	ND	ND	ND	ND
Bis-(2-chloroisopropyl) ether	8.95	UG/L	ND	ND	ND	ND	ND
Bis-(2-ethylhexyl) phthalate	10.43	UG/L	ND	11.5	ND	ND	ND
Benzidine	1.02	UG/L	ND	ND	ND	ND	ND
Benzo[A]anthracene	7.68	UG/L	ND	ND	ND	ND	ND
Benzo[A]pyrene	6.53	UG/L	ND	ND	ND	ND	ND
Benzo[G,H,I]perylene	6.5	UG/L	ND	ND	ND	ND	ND
Benzo[K]fluoranthene	7.36	UG/L	ND	ND	ND	ND	ND
bis(2-chloroethoxy)methane	1.57	UG/L	ND	ND	ND	ND	ND
bis(2-chloroethyl) ether	2.62	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
Fluoranthene	6.9	UG/L	ND	ND	ND	ND	ND
Fluorene	2.43	UG/L	ND	ND	ND	ND	ND
Indeno(1,2,3-CD)pyrene	6.27	UG/L	ND	ND	ND	ND	ND
Isophorone	1.93	UG/L	ND	ND	ND	ND	ND
Naphthalene	1.52	UG/L	ND	ND	ND	ND	ND
Nitrobenzene	1.52	UG/L	ND	ND	ND	ND	ND
N-nitrosodimethylamine	2.01	UG/L	ND	ND	ND	ND	ND
N-nitrosodiphenylamine	2.96	UG/L	ND	ND	ND	ND	ND
N-nitrosodi-n-propylamine	1.63	UG/L	ND	ND	ND	ND	ND
Phenanthrene	4.15	UG/L	ND	ND	ND	ND	ND
Pyrene	5.19	UG/L	ND	ND	ND	ND	ND
Polynuc. Aromatic Hydrocarbons	7.68	UG/L	0.0	0.0	0.0	0.0	0.0
Total Dichlorobenzenes	1.65	UG/L	0.0	0.0	0.0	0.0	0.0
Base/Neutral Compounds	10.43	UG/L	0.0	11.5	0.0	16.5	0.0

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

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

North City Water Reclamation Plant

2005

Organophosphorous Pesticides

Analyte	MDL	Units	N01-PS_INF	N01-PS_INF	N01-PEN	N01-PEN
			10-MAY-2005	04-OCT-2005	10-MAY-2005	04-OCT-2005
			P295113	P314604	P295118	P314609
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	0.040
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	0.000	0.000	0.000	0.000
Demeton -O, -S	.15	UG/L	0.000	0.000	0.000	0.000
Total Organophosphorus Pesticides	.3	UG/L	0.000	0.000	0.000	0.040
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

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

North City Water Reclamation Plant

2005

Organophosphorous Pesticides

Analyte	MDL Units	N10-EFF	N10-EFF	N34-REC WATER	N34-REC WATER
		10-MAY-2005 P295123	04-OCT-2005 P314614	10-MAY-2005 P295128	04-OCT-2005 P314619
Demeton O	.15 UG/L	ND	ND	ND	ND
Demeton S	.08 UG/L	ND	ND	ND	ND
Diazinon	.03 UG/L	ND	ND	0.100	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	0.000	0.000	0.000	0.000
Demeton -O, -S	.15 UG/L	0.000	0.000	0.000	0.000
Total Organophosphorus Pesticides	.3 UG/L	0.000	0.000	0.100	0.000
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

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

North City Water Reclamation Plant

2005

Benzidines

Source:		N01-PS_INF	N01-PS_INF	N01-PS_INF	N01-PS_INF
Date:	MDL Units	08-FEB-2005	10-MAY-2005	09-AUG-2005	04-OCT-2005
		P285792	P295113	P305442	P314604
3,3-dichlorobenzidine	2.43 UG/L	ND	ND	ND	ND
Benzidine	1.02 UG/L	ND	ND	ND	ND

Source:		N01-PEN	N01-PEN	N01-PEN	N10-EFF
Date:	MDL Units	08-FEB-2005	10-MAY-2005	04-OCT-2005	08-FEB-2005
		P285797	P295118	P314609	P285802
3,3-dichlorobenzidine	2.43 UG/L	ND	ND	ND	ND
Benzidine	1.02 UG/L	ND	ND	ND	ND

Source:		N10-EFF	N10-EFF	N10-EFF	N34-REC WATER
Date:	MDL Units	10-MAY-2005	09-AUG-2005	04-OCT-2005	08-FEB-2005
		P295123	P305452	P314614	P285807
3,3-dichlorobenzidine	2.43 UG/L	ND	ND	ND	ND
Benzidine	1.02 UG/L	ND	ND	ND	ND

Source:		N34-REC WATER	N34-REC WATER	N34-REC WATER
Date:	MDL Units	10-MAY-2005	09-AUG-2005	04-OCT-2005
		P295128	P305457	P314619
3,3-dichlorobenzidine	2.43 UG/L	ND	ND	ND
Benzidine	1.02 UG/L	ND	ND	ND

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

North City Water Reclamation Plant

2005

Phenolic Compounds

Analyte	MDL	Units	N01-PS_INF	N01-PS_INF	N01-PS_INF	N01-PS_INF
			08-FEB-2005	10-MAY-2005	09-AUG-2005	04-OCT-2005
			P285792	P295113	P305442	P314604
2,4,6-trichlorophenol	1.75	UG/L	ND	ND	ND	ND
2,4-dichlorophenol	1.95	UG/L	ND	ND	ND	ND
2,4-dimethylphenol	1.32	UG/L	ND	ND	ND	ND
2,4-dinitrophenol	6.07	UG/L	ND	ND	ND	ND
2-methyl-4,6-dinitrophenol	4.29	UG/L	ND	ND	ND	ND
2-chlorophenol	1.76	UG/L	ND	ND	ND	ND
2-nitrophenol	1.88	UG/L	ND	ND	ND	ND
4-chloro-3-methylphenol	1.34	UG/L	ND	ND	ND	ND
4-nitrophenol	3.17	UG/L	ND	ND	ND	ND
Pentachlorophenol	5.87	UG/L	ND	ND	ND	ND
Phenol	2.53	UG/L	21.50	31.50	11.60	15.60
Total Non-Chlorinated Phenols	6.07	UG/L	21.50	31.50	11.60	15.60
Total Chlorinated Phenols	5.87	UG/L	0.00	0.00	0.00	0.00
Phenols	6.07	UG/L	21.50	31.50	11.60	15.60
2-methylphenol	1.51	UG/L	ND	ND	ND	ND
3-methylphenol(4-MP is unresolved)	4.4	UG/L	ND	ND	ND	ND
4-methylphenol(3-MP is unresolved)	4.22	UG/L	55.70	59.00	31.20	63.20
2,4,5-trichlorophenol	1.66	UG/L	ND	ND	ND	ND

Analyte	MDL	Units	N01-PEN	N01-PEN	N01-PEN	N10-EFF
			08-FEB-2005	10-MAY-2005	04-OCT-2005	08-FEB-2005
			P285797	P295118	P314609	P285802
2,4,6-trichlorophenol	1.75	UG/L	ND	ND	ND	ND
2,4-dichlorophenol	1.95	UG/L	ND	ND	ND	ND
2,4-dimethylphenol	1.32	UG/L	ND	ND	ND	ND
2,4-dinitrophenol	6.07	UG/L	ND	ND	ND	ND
2-methyl-4,6-dinitrophenol	4.29	UG/L	ND	ND	ND	ND
2-chlorophenol	1.76	UG/L	ND	ND	ND	ND
2-nitrophenol	1.88	UG/L	ND	ND	ND	ND
4-chloro-3-methylphenol	1.34	UG/L	ND	ND	ND	ND
4-nitrophenol	3.17	UG/L	ND	ND	ND	ND
Pentachlorophenol	5.87	UG/L	ND	ND	ND	ND
Phenol	2.53	UG/L	8.60	5.60	2.80	28.20
Total Non-Chlorinated Phenols	6.07	UG/L	8.60	5.60	2.80	28.20
Total Chlorinated Phenols	5.87	UG/L	0.00	0.00	0.00	0.00
Phenols	6.07	UG/L	8.60	5.60	2.80	28.20
2-methylphenol	1.51	UG/L	ND	ND	ND	ND
3-methylphenol(4-MP is unresolved)	4.4	UG/L	ND	ND	ND	ND
4-methylphenol(3-MP is unresolved)	4.22	UG/L	23.40	16.70	4.50	43.70
2,4,5-trichlorophenol	1.66	UG/L	ND	ND	ND	ND

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

North City Water Reclamation Plant

2005

Phenolic Compounds

Analyte	MDL	Units	N10-EFF	N10-EFF	N10-EFF	N34-REC WATER
			10-MAY-2005 P295123	09-AUG-2005 P305452	04-OCT-2005 P314614	08-FEB-2005 P285807
2,4,6-trichlorophenol	1.75	UG/L	ND	ND	ND	ND
2,4-dichlorophenol	1.95	UG/L	ND	ND	ND	ND
2,4-dimethylphenol	1.32	UG/L	ND	ND	ND	ND
2,4-dinitrophenol	6.07	UG/L	ND	ND	ND	ND
2-methyl-4,6-dinitrophenol	4.29	UG/L	ND	ND	ND	ND
2-chlorophenol	1.76	UG/L	ND	ND	ND	ND
2-nitrophenol	1.88	UG/L	ND	ND	ND	ND
4-chloro-3-methylphenol	1.34	UG/L	ND	ND	ND	ND
4-nitrophenol	3.17	UG/L	ND	ND	ND	ND
Pentachlorophenol	5.87	UG/L	ND	ND	ND	ND
Phenol	2.53	UG/L	10.70	10.50	12.90	ND
=====						
Total Non-Chlorinated Phenols	6.07	UG/L	10.70	10.50	12.90	0.00
Total Chlorinated Phenols	5.87	UG/L	0.00	0.00	0.00	0.00
=====						
Phenols	6.07	UG/L	10.70	10.50	12.90	0.00
2-methylphenol	1.51	UG/L	ND	ND	ND	ND
3-methylphenol(4-MP is unresolved)	4.4	UG/L	ND	ND	ND	ND
4-methylphenol(3-MP is unresolved)	4.22	UG/L	34.90	26.90	47.80	ND
2,4,5-trichlorophenol	1.66	UG/L	ND	ND	ND	ND

Analyte	MDL	Units	N34-REC WATER	N34-REC WATER	N34-REC WATER
			10-MAY-2005 P295128	09-AUG-2005 P305457	04-OCT-2005 P314619
2,4,6-trichlorophenol	1.75	UG/L	ND	ND	ND
2,4-dichlorophenol	1.95	UG/L	ND	ND	ND
2,4-dimethylphenol	1.32	UG/L	ND	ND	ND
2,4-dinitrophenol	6.07	UG/L	ND	ND	ND
2-methyl-4,6-dinitrophenol	4.29	UG/L	ND	ND	ND
2-chlorophenol	1.76	UG/L	ND	ND	ND
2-nitrophenol	1.88	UG/L	ND	ND	ND
4-chloro-3-methylphenol	1.34	UG/L	ND	ND	ND
4-nitrophenol	3.17	UG/L	ND	ND	ND
Pentachlorophenol	5.87	UG/L	ND	ND	ND
Phenol	2.53	UG/L	ND	ND	ND
=====					
Total Non-Chlorinated Phenols	6.07	UG/L	0.00	0.00	0.00
Total Chlorinated Phenols	5.87	UG/L	0.00	0.00	0.00
=====					
Phenols	6.07	UG/L	0.00	0.00	0.00
2-methylphenol	1.51	UG/L	ND	ND	ND
3-methylphenol(4-MP is unresolved)	4.4	UG/L	ND	ND	ND
4-methylphenol(3-MP is unresolved)	4.22	UG/L	ND	ND	ND
2,4,5-trichlorophenol	1.66	UG/L	ND	ND	ND

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

North City Water Reclamation Plant

2005

Priority Pollutants Purgeable Compounds, EPA Method 624

Analyte	MDL	Units	N01-PS_INF	N01-PS_INF	N01-PS_INF	N01-PS_INF	N01-PEN
			09-FEB-2005 P285795	11-MAY-2005 P295116	10-AUG-2005 P305445	05-OCT-2005 P314607	09-FEB-2005 P285800
Chloromethane	1	UG/L	ND	ND	ND	ND	ND
Bromomethane	1	UG/L	ND	ND	ND	ND	ND
Vinyl chloride	1	UG/L	ND	ND	ND	ND	ND
Chloroethane	1	UG/L	ND	ND	ND	ND	ND
1,1-dichloroethane	1	UG/L	ND	ND	ND	ND	ND
Trichlorofluoromethane	1	UG/L	ND	ND	ND	ND	ND
Methylene chloride	1	UG/L	2.7	4.3	1.6	2.8	2.7
1,1-dichloroethene	1	UG/L	ND	ND	ND	ND	ND
trans-1,2-dichloroethene	1	UG/L	ND	ND	ND	ND	ND
Chloroform	1	UG/L	52.3	8.1	8.9	33.6	4.1
1,2-dichloroethane	1	UG/L	ND	ND	ND	ND	ND
1,1,1-trichloroethane	1	UG/L	ND	ND	ND	ND	ND
Carbon tetrachloride	1	UG/L	ND	ND	ND	ND	ND
Bromodichloromethane	1	UG/L	ND	ND	ND	ND	1.1
1,2-dichloropropane	1	UG/L	ND	ND	ND	ND	ND
trans-1,3-dichloropropene	1	UG/L	ND	ND	ND	ND	ND
Trichloroethene	1	UG/L	ND	ND	ND	ND	ND
Benzene	1	UG/L	ND	ND	ND	ND	ND
Dibromochloromethane	1	UG/L	ND	ND	ND	ND	ND
1,1,2-trichloroethane	1	UG/L	ND	ND	ND	ND	ND
cis-1,3-dichloropropene	1	UG/L	ND	ND	ND	ND	ND
2-chloroethylvinyl ether	1	UG/L	ND	ND	ND	ND	ND
Bromoform	1	UG/L	ND	ND	ND	ND	ND
1,1,2,2-tetrachloroethane	1	UG/L	ND	ND	ND	ND	ND
Tetrachloroethene	1	UG/L	ND	ND	ND	ND	5.7
Chlorobenzene	1	UG/L	ND	ND	ND	ND	ND
Toluene	1	UG/L	1.7	ND	ND	2.1	1.1
Ethylbenzene	1	UG/L	ND	ND	ND	ND	ND
Acrylonitrile	13.8	UG/L	ND	ND	ND	ND	ND
Acrolein	11.4	UG/L	ND	ND	ND	ND	ND
Halomethane Purgeable Cmpnds	1	UG/L	0.0	0.0	0.0	0.0	1.1
Purgeable Compounds	13.8	UG/L	56.7	12.4	10.5	38.5	14.7
Allyl chloride	1	UG/L	ND	ND	ND	ND	ND
4-methyl-2-pentanone	6.1	UG/L	ND	ND	ND	ND	ND
meta,para xylenes	3.1	UG/L	ND	ND	ND	ND	ND
Additional Purgeable Compounds determined, not in permit.							
Styrene	4.7	UG/L	ND	49.4	ND	ND	ND
1,2,4-trichlorobenzene	4.9	UG/L	ND	ND	ND	ND	ND
Methyl Iodide	1	UG/L	ND	ND	ND	ND	ND
Chloroprene	1.4	UG/L	ND	ND	ND	ND	ND
Methyl methacrylate	4.6	UG/L	ND	ND	ND	ND	ND
2-nitropropane	10	UG/L	ND	ND	ND	ND	ND
1,2-dibromoethane	3.3	UG/L	ND	ND	ND	ND	ND
Isopropylbenzene	4.4	UG/L	ND	ND	ND	ND	ND
Benzyl chloride	7.2	UG/L	ND	ND	ND	ND	ND
ortho-xylene	3.4	UG/L	ND	ND	ND	ND	ND
Acetone	20	UG/L	1640.0	1000.0	821.0	1140.0	262.0
Carbon disulfide	1	UG/L	1.5	25.2	1.6	2.3	2.3
2-butanone	4	UG/L	5.6	ND	ND	8.8	ND
Methyl tert-butyl ether	1	UG/L	ND	ND	ND	ND	ND
1,4-dichlorobenzene	1	UG/L	1.3	1.3	ND	1.2	ND

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

North City Water Reclamation Plant

2005

Priority Pollutants Purgeable Compounds, EPA Method 624

Analyte	MDL	Units	N01-PEN	N01-PEN	N10-EFF	N10-EFF	N10-EFF
			11-MAY-2005 P295121	05-OCT-2005 P314612	09-FEB-2005 P285805	11-MAY-2005 P295126	10-AUG-2005 P305455
Chloromethane	1	UG/L	ND	ND	ND	ND	ND
Bromomethane	1	UG/L	ND	ND	ND	ND	ND
Vinyl chloride	1	UG/L	ND	ND	ND	ND	ND
Chloroethane	1	UG/L	ND	ND	ND	ND	ND
1,1-dichloroethane	1	UG/L	ND	ND	ND	ND	ND
Trichlorofluoromethane	1	UG/L	ND	ND	ND	ND	ND
Methylene chloride	1	UG/L	2.4	3.1	4.7	2.8	3.1
1,1-dichloroethene	1	UG/L	ND	ND	ND	ND	ND
trans-1,2-dichloroethene	1	UG/L	ND	ND	ND	ND	ND
Chloroform	1	UG/L	3.8	3.0	9.6	9.5	14.4
1,2-dichloroethane	1	UG/L	ND	ND	ND	ND	ND
1,1,1-trichloroethane	1	UG/L	ND	ND	ND	ND	ND
Carbon tetrachloride	1	UG/L	ND	ND	ND	ND	ND
Bromodichloromethane	1	UG/L	ND	ND	1.2	1.1	ND
1,2-dichloropropane	1	UG/L	ND	ND	ND	ND	ND
trans-1,3-dichloropropene	1	UG/L	ND	ND	ND	ND	ND
Trichloroethene	1	UG/L	1.2	ND	ND	ND	ND
Benzene	1	UG/L	ND	ND	ND	ND	ND
Dibromochloromethane	1	UG/L	ND	ND	ND	ND	ND
1,1,2-trichloroethane	1	UG/L	ND	ND	ND	ND	ND
cis-1,3-dichloropropene	1	UG/L	ND	ND	ND	ND	ND
2-chloroethylvinyl ether	1	UG/L	ND	ND	ND	ND	ND
Bromoform	1	UG/L	ND	ND	ND	ND	ND
1,1,2,2-tetrachloroethane	1	UG/L	ND	ND	ND	ND	ND
Tetrachloroethene	1	UG/L	5.6	ND	1.7	1.8	ND
Chlorobenzene	1	UG/L	ND	ND	ND	ND	ND
Toluene	1	UG/L	ND	1.4	2.4	1.2	ND
Ethylbenzene	1	UG/L	ND	ND	ND	ND	ND
Acrylonitrile	13.8	UG/L	ND	ND	ND	ND	ND
Acrolein	11.4	UG/L	ND	ND	ND	ND	ND
Halomethane Purgeable Cmpnds	1	UG/L	0.0	0.0	1.2	1.1	0.0
Purgeable Compounds	13.8	UG/L	13.0	7.5	19.6	16.4	17.5
Allyl chloride	1	UG/L	ND	ND	ND	ND	ND
4-methyl-2-pentanone	6.1	UG/L	ND	ND	ND	ND	ND
meta,para xylenes	3.1	UG/L	ND	ND	ND	ND	ND

Additional Purgeable Compounds determined, not in permit.

Styrene	4.7	UG/L	ND	ND	ND	ND	ND
1,2,4-trichlorobenzene	4.9	UG/L	ND	ND	ND	ND	ND
Methyl Iodide	1	UG/L	ND	ND	ND	ND	ND
Chloroprene	1.4	UG/L	ND	ND	ND	ND	ND
Methyl methacrylate	4.6	UG/L	ND	ND	ND	ND	ND
2-nitropropane	10	UG/L	ND	ND	ND	ND	ND
1,2-dibromoethane	3.3	UG/L	ND	ND	ND	ND	ND
Isopropylbenzene	4.4	UG/L	ND	ND	ND	ND	ND
Benzyl chloride	7.2	UG/L	ND	ND	ND	ND	ND
ortho-xylene	3.4	UG/L	ND	ND	ND	ND	ND
Acetone	20	UG/L	263.0	265.0	1080.0	920.0	667.0
Carbon disulfide	1	UG/L	1.5	2.0	2.3	8.7	4.1
2-butanone	4	UG/L	11.5	10.7	11.5	7.7	7.6
Methyl tert-butyl ether	1	UG/L	ND	ND	ND	ND	ND
1,4-dichlorobenzene	1	UG/L	1.4	2.1	ND	1.1	1.3

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

North City Water Reclamation Plant

2005

Priority Pollutants Purgeable Compounds, EPA Method 624

Analyte	MDL	Units	N10-EFF	N34-REC WATER	N34-REC WATER	N34-REC WATER	N34-REC WATER
			05-OCT-2005 P314617	09-FEB-2005 P285810	11-MAY-2005 P295131	10-AUG-2005 P305460	05-OCT-2005 P314622
Chloromethane	1	UG/L	ND	ND	ND	ND	ND
Bromomethane	1	UG/L	ND	ND	ND	ND	ND
Vinyl chloride	1	UG/L	ND	ND	ND	ND	ND
Chloroethane	1	UG/L	ND	ND	ND	ND	ND
1,1-dichloroethane	1	UG/L	ND	ND	ND	ND	ND
Trichlorofluoromethane	1	UG/L	ND	ND	ND	ND	ND
Methylene chloride	1	UG/L	4.2	1.2	ND	2.1	ND
1,1-dichloroethene	1	UG/L	ND	ND	ND	ND	ND
trans-1,2-dichloroethene	1	UG/L	ND	ND	ND	ND	ND
Chloroform	1	UG/L	13.3	57.5	67.2	59.8	54.3
1,2-dichloroethane	1	UG/L	ND	ND	ND	ND	ND
1,1,1-trichloroethane	1	UG/L	ND	ND	ND	ND	ND
Carbon tetrachloride	1	UG/L	ND	ND	ND	ND	ND
Bromodichloromethane	1	UG/L	ND	47.1	49.9	47.8	45.9
1,2-dichloropropane	1	UG/L	ND	ND	ND	ND	ND
trans-1,3-dichloropropene	1	UG/L	ND	ND	ND	ND	ND
Trichloroethene	1	UG/L	ND	ND	ND	ND	ND
Benzene	1	UG/L	ND	ND	ND	ND	ND
Dibromochloromethane	1	UG/L	ND	26.3	31.8	27.7	32.8
1,1,2-trichloroethane	1	UG/L	ND	ND	ND	ND	ND
cis-1,3-dichloropropene	1	UG/L	ND	ND	ND	ND	ND
2-chloroethylvinyl ether	1	UG/L	ND	ND	ND	ND	ND
Bromoform	1	UG/L	ND	3.1	3.3	2.8	4.4
1,1,2,2-tetrachloroethane	1	UG/L	ND	ND	ND	ND	ND
Tetrachloroethene	1	UG/L	1.1	ND	ND	ND	ND
Chlorobenzene	1	UG/L	ND	ND	ND	ND	ND
Toluene	1	UG/L	2.5	ND	ND	ND	ND
Ethylbenzene	1	UG/L	ND	ND	ND	ND	ND
Acrylonitrile	13.8	UG/L	ND	ND	ND	ND	ND
Acrolein	11.4	UG/L	ND	ND	ND	ND	ND
Halomethane Purgeable Cmpnds	1	UG/L	0.0	76.5	85.0	78.3	83.1
Purgeable Compounds	13.8	UG/L	21.1	135.2	152.2	140.2	137.4
Allyl chloride	1	UG/L	ND	ND	ND	ND	ND
4-methyl-2-pentanone	6.1	UG/L	ND	ND	ND	ND	ND
meta,para xylenes	3.1	UG/L	ND	ND	ND	ND	ND

Additional Purgeable Compounds determined, not in permit.

Styrene	4.7	UG/L	ND	ND	ND	ND	ND
1,2,4-trichlorobenzene	4.9	UG/L	ND	ND	ND	ND	ND
Methyl Iodide	1	UG/L	ND	ND	ND	ND	ND
Chloroprene	1.4	UG/L	ND	ND	ND	ND	ND
Methyl methacrylate	4.6	UG/L	ND	ND	ND	ND	ND
2-nitropropane	10	UG/L	ND	ND	ND	ND	ND
1,2-dibromoethane	3.3	UG/L	ND	ND	ND	ND	ND
Isopropylbenzene	4.4	UG/L	ND	ND	ND	ND	ND
Benzyl chloride	7.2	UG/L	ND	ND	ND	ND	ND
ortho-xylene	3.4	UG/L	ND	ND	ND	ND	ND
Acetone	20	UG/L	1120.0	ND	ND	ND	ND
Carbon disulfide	1	UG/L	7.2	ND	ND	ND	ND
2-butanone	4	UG/L	15.8	ND	ND	ND	ND
Methyl tert-butyl ether	1	UG/L	1.2	ND	ND	ND	ND
1,4-dichlorobenzene	1	UG/L	2.1	ND	ND	1.0	ND

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