2009 Annual Pretreatment Program Sludge Analysis
(QUARTERLY SLUDGE PROJECT)

SOUTH BAY WATER RECLAMATION PLANT
Order No. 2006-067
NPDES Permit No.CA0109045

The Quarterly Sludge Project is part of the South Bay WRP NPDES (Permit No. CA0109045/Order No. 2006-067) monitoring requirements for the Metropolitan Sewerage System. 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 four times during 2009. Sampling occurred on February 3, May 5, August 4, and October 6. 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. Results relative to the Pt. Loma WWTP or North City Water Reclamation Plant are in the respective annual reports for those facilities.

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

Abbreviations:

SB_INF_02	SBWRP influent
SB_OUTFALL_00	SBWRP effluent
SB_OUTFALL_01	SBWRP effluent after June 1, 2009
SB_ITP_COMB_EFF	SBWRP & IWTP combined effluent
SB_REC_WATER_34	SBWRP reclaim water
SB_PRIEFF_10	Primary Effluent
SB_SEC_EFF_29	Secondary effluent
SB_RSL_10	Primary Sed Tank to Sludge Line

SOUTH BAY WATER RECLAMATION PLANT
Daily Parameters and Metals

Annual 2009

Source:			INFLUENT	INFLUENT	INFLUENT	INFLUENT
Date:			03-FEB-2009	05-MAY-2009	04-AUG-2009	06-OCT-2009
	MDL	Units				
Aluminum	47	UG/L	1180	773	1110	1320
Antimony	2.9	UG/L	ND	ND	ND	ND
Arsenic	.4	UG/L	0.56	0.96	1.04	0.63
Barium	.039	UG/L	105	101	101	99.7
Beryllium	.022	UG/L	ND	ND	ND	ND
Boron	7	UG/L	313	321	321	309
Cadmium	.53	UG/L	ND	ND	ND	ND
Chromium	1.2	UG/L	4.2	2.7	2.8	3.8
Cobalt	.85	UG/L	ND	ND	ND	ND
Copper	2	UG/L	80.9	67.7	76.5	67.3
Iron	37	UG/L	639	431	593	530
Lead	2	UG/L	4.3	ND	ND	ND
Manganese	.24	UG/L	54.3	49.8	32.9	30.9
Mercury	.09	UG/L	ND	ND	0.2	0.1
Molybdenum	.89	UG/L	5.9	6.7	7.5	7.4
Nickel	.53	UG/L	6.4	4.3	5.0	4.8
Selenium	.28	UG/L	1.77	2.13	1.81	1.54
Silver	.4	UG/L	0.4	0.9	1.3	0.9
Thallium	3.9	UG/L	ND	ND	ND	ND
Vanadium	.64	UG/L	1.6	1.3	1.2	1.9
Zinc	2.5	UG/L	185	143	175	153
Calcium Hardness	.1	MG/L	179	202	168	170
Magnesium Hardness	.4	MG/L	131	135	112	113
Total Hardness	.4	MG/L	310	337	280	282
Total Alkalinity (bicarbonate)	20	MG/L	352	320	327	322
Calcium	.04	MG/L	71.8	80.7	67.4	68.0
Lithium	.002	MG/L	0.03	0.04	0.04	0.04
Magnesium	.1	MG/L	31.7	32.9	27.2	27.3
Potassium	.3	MG/L	17.9	20.7	21.9	22.3
Sodium	1	MG/L	174	190	172	182
Bromide	.1	MG/L	0.36	0.33	0.30	0.17
Chloride	7	MG/L	239	223	204	207
Fluoride	.05	MG/L	0.54	0.54	0.35	0.57
Nitrate	.04	MG/L	0.21	0.17	0.14	0.30
Ortho Phosphate	.2	MG/L	12.1	14.2	12.9	13.1
Sulfate	9	MG/L	150	197	171	168
Cyanides,Total	.002	MG/L	ND	ND	ND	ND
BOD	2	MG/L	395	359	343	347
pH		PH	7.5	7.7	7.8	7.6
Settleable Solids	.1	ML/L	14.5	23.0	9.0	10.0
Turbidity	.13	NTU	185	197	132	166
Total Kjeldahl Nitrogen	1.6	MG/L	54.5	53.9	60.0	56.9
Ammonia-N	.3	MG/L	34.5	28.2	34.4	35.2
Sulfides-Total	.18	MG/L	6.30	5.82	3.79	5.91
Total Suspended Solids	1.4	MG/L	354	282	218	284
Volatile Suspended Solids	1.6	MG/L	316	262	184	240
Total Dissolved Solids	28	MG/L	990	958	977	1020
MBAS (Surfactants)	.03	MG/L	17.3	18.8	18.2	14.5

ND= Not Detected
NA= Not Analyzed
NS= Not Sampled
Chromium results are for Total Chromium

SOUTH BAY WATER RECLAMATION PLANT
Daily Parameters and Metals

Annual 2009

Source:			EFFLUENT	EFFLUENT	EFFLUENT	EFFLUENT
Date:			03-FEB-2009	05-MAY-2009	04-AUG-2009	06-OCT-2009
	MDL	Units				
Aluminum	47	UG/L	181	129	117	108
Antimony	2.9	UG/L	ND	ND	ND	ND
Arsenic	.4	UG/L	0.54	0.71	0.85	0.63
Barium	.039	UG/L	66.7	78.1	62.1	65.8
Beryllium	.022	UG/L	ND	ND	ND	ND
Boron	7	UG/L	345	357	355	318
Cadmium	.53	UG/L	ND	ND	ND	ND
Chromium	1.2	UG/L	1.4	1.6	<1.2	ND
Cobalt	.85	UG/L	ND	ND	ND	ND
Copper	2	UG/L	13.6	10.5	24.0	9.0
Iron	37	UG/L	44.0	61.5	98.0	47.0
Lead	2	UG/L	ND	ND	ND	ND
Manganese	.24	UG/L	31.0	20.2	16.7	16.4
Mercury	.09	UG/L	ND	ND	ND	ND
Molybdenum	.89	UG/L	3.5	3.7	3.5	3.4
Nickel	.53	UG/L	3.6	3.7	5.8	3.7
Selenium	.28	UG/L	0.57	0.74	0.76	0.60
Silver	.4	UG/L	ND	ND	ND	ND
Thallium	3.9	UG/L	ND	ND	ND	ND
Vanadium	.64	UG/L	ND	ND	<0.6	0.9
Zinc	2.5	UG/L	45.3	38.8	37.5	32.1
Calcium Hardness	.1	MG/L	183	199	171	175
Magnesium Hardness	.4	MG/L	131	128	108	113
Total Hardness	.4	MG/L	315	327	279	288
Total Alkalinity (bicarbonate)	20	MG/L	178	165	154	161
Calcium	.04	MG/L	73.4	79.6	68.4	70.1
Lithium	.002	MG/L	0.03	0.04	0.04	0.04
Magnesium	.1	MG/L	31.9	31.1	26.2	27.3
Potassium	.3	MG/L	17.1	18.7	18.6	19.6
Sodium	1	MG/L	182	189	178	198
Bromide	.1	MG/L	0.43	0.45	ND	0.22
Chloride	7	MG/L	246	235	105	222
Fluoride	.05	MG/L	0.62	0.72	0.21	0.49
Nitrate	.04	MG/L	29.2	38.0	30.7	38.3
Ortho Phosphate	.2	MG/L	9.5	3.0	0.8	1.3
Sulfate	9	MG/L	200	254	103	219
Cyanides,Total	.002	MG/L	0.003	ND	ND	ND
BOD	2	MG/L	15.7	7.6	7.1	7.9
pH		PH	7.4	7.6	7.6	7.4
Settleable Solids	.1	ML/L	ND	ND	ND	ND
Turbidity	.13	NTU	2.5	2.0	1.6	1.7
Total Kjeldahl Nitrogen	1.6	MG/L	2.2	2.5	1.9	2.1
Chlorine Residual, Total	.03	MG/L	0.03	0.04	0.05	0.06
Ammonia-N	.3	MG/L	ND	ND	ND	ND
Sulfides-Total	.18	MG/L	ND	ND	ND	ND
Total Suspended Solids	1.4	MG/L	7.5	6.5	4.4	6.7
Volatile Suspended Solids	1.6	MG/L	7.1	5.7	3.4	5.6
Total Dissolved Solids	28	MG/L	1040	1000	925	964
MBAS (Surfactants)	.03	MG/L	0.5	0.2	0.2	0.2

ND= Not Detected
NA= Not Analyzed
NS= Not Sampled
Chromium results are for Total Chromium

SOUTH BAY WATER RECLAMATION PLANT
Daily Parameters and Metals

Annual 2009

Source:			COMB EFF	COMB EFF	COMB EFF	COMB EFF
Date:			03-FEB-2009	05-MAY-2009	04-AUG-2009	06-OCT-2009
	MDL	Units				
Aluminum	47	UG/L	287	195	196	212
Antimony	2.9	UG/L	ND	ND	ND	ND
Arsenic	.4	UG/L	2.09	2.21	3.49	2.73
Barium	.039	UG/L	42.7	35.8	27.2	31.7
Beryllium	.022	UG/L	ND	ND	ND	ND
Boron	7	UG/L	385	403	440	420
Cadmium	.53	UG/L	ND	ND	ND	ND
Chromium	1.2	UG/L	3.2	4.5	5.3	3.1
Cobalt	.85	UG/L	ND	1.1	1.0	1.0
Copper	2	UG/L	28.1	36.6	28.4	24.8
Iron	37	UG/L	1310	1500	1240	1170
Lead	2	UG/L	ND	2.2	ND	ND
Manganese	.24	UG/L	128	86.2	83.4	75.0
Mercury	.09	UG/L	ND	ND	ND	ND
Molybdenum	.89	UG/L	7.7	8.3	8.1	9.0
Nickel	.53	UG/L	14.8	39.4	26.0	37.4
Selenium	.28	UG/L	1.55	11.7	1.68	1.69
Silver	.4	UG/L	ND	0.5	ND	ND
Thallium	3.9	UG/L	ND	ND	ND	ND
Vanadium	.64	UG/L	2.5	2.0	2.2	1.4
Zinc	2.5	UG/L	69.4	42.9	44.1	34.9
Calcium Hardness	.1	MG/L	233	244	224	225
Magnesium Hardness	.4	MG/L	166	182	179	177
Total Hardness	.4	MG/L	400	425	403	403
Total Alkalinity (bicarbonate)	20	MG/L	330	357	340	NA*
Calcium	.04	MG/L	93.5	97.6	89.6	90.2
Lithium	.002	MG/L	0.05	0.07	0.07	0.07
Magnesium	.1	MG/L	40.4	44.1	43.6	43.1
Potassium	.3	MG/L	21.5	25.5	25.9	25.3
Sodium	1	MG/L	278	313	321	322
Bromide	.1	MG/L	0.45	0.51	0.50	0.37
Chloride	7	MG/L	350	372	376	363
Fluoride	.05	MG/L	0.70	0.70	0.45	0.72
Nitrate	.04	MG/L	7.95	0.31	0.20	5.00
Ortho Phosphate	.2	MG/L	7.1	10.9	10.6	8.2
Sulfate	9	MG/L	360	400	379	370
Cyanides,Total	.002	MG/L	0.003	0.022	0.050	0.049
BOD	2	MG/L	95.0	>119	83.2	NA*
pH		PH	7.3	7.7	7.6	7.8
Settleable Solids	.1	ML/L	8.0	29.0	0.7	ND
Turbidity	.13	NTU	30.4	32.8	34.1	NA*
Total Kjeldahl Nitrogen	1.6	MG/L	39.4	46.0	44.2	44.3
Chlorine Residual, Total	.03	MG/L	ND	ND	ND	ND
Ammonia-N	.3	MG/L	30.1	38.6	35.8	NA*
Sulfides-Total	.18	MG/L	ND	ND	ND	0.43
Total Suspended Solids	1.4	MG/L	46.0	65.0	58.0	NA*
Volatile Suspended Solids	1.6	MG/L	36.0	49.0	45.0	NA*
Total Dissolved Solids	28	MG/L	1540	1480	1530	NA*
MBAS (Surfactants)	.03	MG/L	14.7	15.4	13.8	10.8

* Insufficient sample volume to complete all analysis
ND= Not Detected
NA= Not Analyzed
NS= Not Sampled
Chromium results are for Total Chromium

SOUTH BAY WATER RECLAMATION PLANT
Daily Parameters and Metals

Annual 2009

Source:			PRI EFF	PRI EFF	PRI EFF	PRI EFF
Date:			03-FEB-2009	05-MAY-2009	04-AUG-2009	06-OCT-2009
	MDL	Units				
Aluminum	47	UG/L	653	302	463	518
Antimony	2.9	UG/L	ND	ND	ND	ND
Arsenic	.4	UG/L	0.69	0.88	0.92	0.76
Barium	.039	UG/L	90.6	87.8	80.8	76.7
Beryllium	.022	UG/L	ND	ND	ND	0.04
Boron	7	UG/L	297	301	329	325
Cadmium	.53	UG/L	ND	ND	ND	ND
Chromium	1.2	UG/L	2.0	2.1	1.9	2.2
Cobalt	.85	UG/L	ND	ND	ND	ND
Copper	2	UG/L	70.4	44.2	46.0	40.3
Iron	37	UG/L	308	205	250	261
Lead	2	UG/L	ND	ND	ND	ND
Manganese	.24	UG/L	50.1	45.4	27.0	23.5
Mercury	.09	UG/L	ND	ND	0.1	ND
Molybdenum	.89	UG/L	5.2	5.1	6.2	6.4
Nickel	.53	UG/L	4.6	3.6	4.3	5.8
Selenium	.28	UG/L	1.60	1.53	1.39	1.14
Silver	.4	UG/L	0.6	ND	1.1	1.1
Thallium	3.9	UG/L	ND	ND	ND	ND
Vanadium	.64	UG/L	1.2	0.9	0.8	1.2
Zinc	2.5	UG/L	112	68.2	88.2	72.2
Calcium Hardness	.1	MG/L	184	208	170	168
Magnesium Hardness	.4	MG/L	132	135	112	112
Total Hardness	.4	MG/L	316	343	282	280
Total Alkalinity (bicarbonate)	20	MG/L	324	338	327	296
Calcium	.04	MG/L	73.8	83.2	67.9	67.4
Lithium	.002	MG/L	0.03	0.04	0.04	0.04
Magnesium	.1	MG/L	32.0	32.9	27.3	27.2
Potassium	.3	MG/L	19.2	20.7	21.8	21.5
Sodium	1	MG/L	187	194	185	197
Bromide	.1	MG/L	0.39	0.41	0.30	0.15
Chloride	7	MG/L	259	234	211	219
Fluoride	.05	MG/L	0.67	0.50	0.33	0.57
Nitrate	.04	MG/L	0.29	0.14	0.17	0.19
Ortho Phosphate	.2	MG/L	8.4	13.6	12.6	11.1
Sulfate	9	MG/L	193	224	165	181
Cyanides,Total	.002	MG/L	ND	ND	ND	ND
BOD	2	MG/L	210	208	220	227
pH		PH	7.5	7.6	7.8	7.5
Settleable Solids	.1	ML/L	2.0	1.0	0.7	1.7
Turbidity	.13	NTU	117	98.0	71.6	90.8
Total Kjeldahl Nitrogen	1.6	MG/L	50.2	51.2	50.0	43.6
Ammonia-N	.3	MG/L	32.7	40.0	36.5	39.5
Sulfides-Total	.18	MG/L	0.42	5.22	3.51	1.88
Total Suspended Solids	1.4	MG/L	146	92.9	82.0	84.3
Volatile Suspended Solids	1.6	MG/L	130	84.3	74.0	70.0
Total Dissolved Solids	28	MG/L	1040	977	957	997
MBAS (Surfactants)	.03	MG/L	13.3	9.7	11.2	10.9

ND= Not Detected
NA= Not Analyzed
NS= Not Sampled
Chromium results are for Total Chromium

SOUTH BAY WATER RECLAMATION PLANT
Daily Parameters and Metals

Annual 2009

Source:			SEC_EFF	SEC_EFF	SEC_EFF	SEC_EFF
Date:			03-FEB-2009	05-MAY-2009	04-AUG-2009	06-OCT-2009
	MDL	Units				
Aluminum	47	UG/L	173	130	106	108
Antimony	2.9	UG/L	ND	ND	ND	ND
Arsenic	.4	UG/L	0.58	0.79	0.69	0.54
Barium	.039	UG/L	67.6	72.3	62.3	65.1
Beryllium	.022	UG/L	ND	ND	ND	ND
Boron	7	UG/L	336	328	352	322
Cadmium	.53	UG/L	ND	ND	ND	ND
Chromium	1.2	UG/L	ND	1.2	ND	ND
Cobalt	.85	UG/L	ND	ND	ND	ND
Copper	2	UG/L	38.2	7.6	7.0	11.5
Iron	37	UG/L	ND	54.0	49.0	50.0
Lead	2	UG/L	ND	ND	ND	ND
Manganese	.24	UG/L	29.7	23.4	21.0	14.0
Mercury	.09	UG/L	ND	ND	ND	ND
Molybdenum	.89	UG/L	3.7	3.2	3.5	3.6
Nickel	.53	UG/L	3.4	3.0	3.5	4.2
Selenium	.28	UG/L	0.57	0.93	0.67	0.56
Silver	.4	UG/L	ND	ND	ND	ND
Thallium	3.9	UG/L	ND	ND	ND	ND
Vanadium	.64	UG/L	ND	ND	ND	ND
Zinc	2.5	UG/L	41.6	34.4	36.8	31.0
Calcium Hardness	.1	MG/L	184	190	174	174
Magnesium Hardness	.4	MG/L	131	118	109	112
Total Hardness	.4	MG/L	315	308	283	286
Total Alkalinity (bicarbonate)	20	MG/L	174	167	151	157
Calcium	.04	MG/L	73.8	76.2	69.8	69.7
Lithium	.002	MG/L	0.03	0.04	0.04	0.04
Magnesium	.1	MG/L	31.7	28.6	26.5	27.3
Potassium	.3	MG/L	17.0	17.0	18.8	18.9
Sodium	1	MG/L	180	173	179	195
Bromide	.1	MG/L	0.45	0.48	ND	0.20
Chloride	7	MG/L	248	235	212	221
Fluoride	.05	MG/L	0.62	0.73	0.42	0.55
Nitrate	.04	MG/L	28.0	35.9	35.3	38.1
Ortho Phosphate	.2	MG/L	8.5	2.8	1.3	1.5
Sulfate	9	MG/L	198	263	208	216
Cyanides,Total	.002	MG/L	0.002	ND	ND	ND
BOD	2	MG/L	11.3	7.1	6.2	6.7
pH		PH	7.4	7.6	7.8	7.5
Temperature		DEGREE_C	NR	NR	NR	NR
Grease/oil		MG/L	NR	NR	NR	NR
Settleable Solids	.1	ML/L	ND	ND	ND	ND
Turbidity	.13	NTU	3.0	2.8	3.3	2.6
Total Kjeldahl Nitrogen	1.6	MG/L	3.2	2.4	2.2	2.2
Chlorine Residual, Total	.03	MG/L	NR	NR	NR	NR
Ammonia-N	.3	MG/L	0.4	ND	ND	ND
Sulfides-Total	.18	MG/L	ND	ND	ND	ND
Dissolved Oxygen		MG/L	NR	NR	NR	NR
Total Suspended Solids	1.4	MG/L	7.3	7.6	7.3	8.0
Volatile Suspended Solids	1.6	MG/L	6.5	6.0	5.7	7.8
Total Dissolved Solids	28	MG/L	1150	1000	952	976
MBAS (Surfactants)	.03	MG/L	0.5	0.2	0.2	0.2

ND= Not Detected
NA= Not Analyzed
NS= Not Sampled
Chromium results are for Total Chromium

SOUTH BAY WATER RECLAMATION PLANT
Daily Parameters and Metals

Annual 2009

Source:			RAW SLUDGE	RAW SLUDGE	RAW SLUDGE	RAW SLUDGE
Date:			03-FEB-2009	05-MAY-2009	04-AUG-2009	06-OCT-2009
	MDL	Units				
Aluminum	47	UG/L	22400	10900	16100	33600
Antimony	2.9	UG/L	13.2	4.4	6.8	4.9
Arsenic	.4	UG/L	6.04	3.48	1.49	9.02
Barium	.039	UG/L	834	421	611	961
Beryllium	.022	UG/L	0.17	0.13	0.10	1.19
Boron	7	UG/L	353	337	355	366
Cadmium	.53	UG/L	3.8	2.3	2.6	3.7
Chromium	1.2	UG/L	79.1	41.1	48.0	65.8
Cobalt	.85	UG/L	7.1	5.4	7.4	8.1
Copper	2	UG/L	1270	710	904	1330
Iron	37	UG/L	16400	6630	10100	14100
Lead	2	UG/L	168	23.8	50.5	49.7
Manganese	.24	UG/L	411	202	227	321
Mercury	.09	UG/L	15.3	1.8	4.5	6.2
Molybdenum	.89	UG/L	43.8	26.8	39.6	56.9
Nickel	.53	UG/L	74.8	37.1	49.3	61.4
Selenium	.28	UG/L	ND	ND	0.35	4.38
Silver	.4	UG/L	21.4	8.5	18.3	19.1
Thallium	3.9	UG/L	8.5	ND	4.8	13.6
Vanadium	.64	UG/L	29.9	15.5	23.2	40.8
Zinc	2.5	UG/L	3110	1380	2240	2950
Calcium Hardness	.1	MG/L	NR	NR	NR	NR
Magnesium Hardness	.4	MG/L	NR	NR	NR	NR
Total Hardness	.4	MG/L	NR	NR	NR	NR
Total Alkalinity (bicarbonate)	20	MG/L	666	526	674	696
Calcium	.04	MG/L	95.4	89.9	69.3	89.0
Lithium	.002	MG/L	0.03	0.04	0.04	0.04
Magnesium	.1	MG/L	36.8	36.2	30.4	32.1
Potassium	.3	MG/L	25.8	27.6	29.0	31.6
Sodium	1	MG/L	181	197	184	194
Bromide	.1	MG/L	0.28	0.38	0.31	0.16
Chloride	7	MG/L	160	239	211	220
Fluoride	.05	MG/L	0.36	0.50	0.24	0.53
Nitrate	.04	MG/L	0.18	0.16	0.21	0.25
Ortho Phosphate	.2	MG/L	18.4	35.4	41.4	36.3
Sulfate	9	MG/L	61.9	124	64.7	88.7
Cyanides,Total	.002	MG/L	ND	0.003	0.003	0.003
BOD	2	MG/L	NR	NR	NR	NR
pH		PH	NR	NR	NR	NR
Temperature		DEGREE_C	NR	NR	NR	NR
Grease/oil		MG/L	NR	NR	NR	NR
Settleable Solids	.1	ML/L	NR	NR	NR	NR
Turbidity	.13	NTU	NR	NR	NR	NR
Total Kjeldahl Nitrogen	1.6	MG/L	278	170	237	319
Sulfides-Total	.18	MG/L	29.6	23.1	18.1	41.7

ND= Not Detected
NA= Not Analyzed
NS= Not Sampled
Chromium results are for Total Chromium

SOUTH BAY WATER RECLAMATION PLANT
Daily Parameters and Metals

Annual 2009

Source:			REC_WATER	REC_WATER	REC_WATER	REC_WATER
Date:			03-FEB-2009	05-MAY-2009	04-AUG-2009	06-OCT-2009
	MDL	Units				
Aluminum	47	UG/L	157	187	145	95.5
Antimony	2.9	UG/L	ND	ND	ND	ND
Arsenic	.4	UG/L	0.60	0.95	4.39	0.73
Barium	.039	UG/L	67.0	74.5	61.1	65.3
Beryllium	.022	UG/L	ND	ND	ND	ND
Boron	7	UG/L	343	346	359	321
Cadmium	.53	UG/L	ND	ND	ND	ND
Chromium	1.2	UG/L	ND	<1.2	<1.2	1.3
Cobalt	.85	UG/L	ND	ND	ND	ND
Copper	2	UG/L	9.9	11.6	20.1	7.6
Iron	37	UG/L	ND	54.0	136	<37.0
Lead	2	UG/L	ND	ND	ND	ND
Manganese	.24	UG/L	29.5	14.7	10.7	14.7
Mercury	.09	UG/L	ND	ND	ND	ND
Molybdenum	.89	UG/L	3.9	3.5	3.5	3.4
Nickel	.53	UG/L	4.3	3.8	6.2	3.8
Selenium	.28	UG/L	0.52	0.89	3.00	0.58
Silver	.4	UG/L	ND	ND	ND	ND
Thallium	3.9	UG/L	ND	ND	ND	ND
Vanadium	.64	UG/L	ND	ND	ND	<0.6
Zinc	2.5	UG/L	38.0	32.8	37.3	32.2
Calcium Hardness	.1	MG/L	186	202	170	179
Magnesium Hardness	.4	MG/L	133	130	106	115
Total Hardness	.4	MG/L	319	331	276	294
Total Alkalinity (bicarbonate)	20	MG/L	179	169	152	154
Calcium	.04	MG/L	74.4	80.8	68.0	71.6
Lithium	.002	MG/L	0.03	0.04	0.04	0.04
Magnesium	.1	MG/L	32.3	31.5	25.7	28.0
Potassium	.3	MG/L	16.9	18.7	17.8	19.7
Sodium	1	MG/L	182	194	175	200
Bromide	.1	MG/L	0.41	0.35	0.26	0.19
Chloride	7	MG/L	253	239	210	225
Fluoride	.05	MG/L	0.82	0.63	0.36	0.49
Nitrate	.04	MG/L	27.3	32.1	34.4	40.5
Ortho Phosphate	.2	MG/L	8.8	2.8	1.1	1.4
Sulfate	9	MG/L	204	275	212	219
Cyanides,Total	.002	MG/L	0.002	0.003	0.003	0.003
BOD	2	MG/L	2.2	ND	ND	ND
pH		PH	7.3	7.6	7.6	7.5
Turbidity	.13	NTU	1.2	1.0	0.8	0.5
Total Kjeldahl Nitrogen	1.6	MG/L	2.1	1.6	ND	ND
Ammonia-N	.3	MG/L	ND	ND	ND	0.5
Sulfides-Total	.18	MG/L	ND	ND	ND	ND
Total Suspended Solids	1.4	MG/L	2.2	ND	ND	ND
Volatile Suspended Solids	1.6	MG/L	2.1	ND	ND	ND
Total Dissolved Solids	28	MG/L	1530	973	952	941
MBAS (Surfactants)	.03	MG/L	0.5	0.2	0.2	0.2

ND= Not Detected
NA= Not Analyzed
NS= Not Sampled
Chromium results are for Total Chromium

SOUTH BAY WATER RECLAMATION PLANT
Ammonia-Nitrogen and Total Cyanides

Annual 2009

Total Cyanide, MDL=0.002 mg/L

	INFLUENT	EFFLUENT	COMB EFF	PRI EFF	SEC EFF	RSL Limit:
03-FEB-2009	ND	0.003	0.003	ND	0.002	ND
05-MAY-2009	ND	ND	0.022	ND	ND	0.003
04-AUG-2009	ND	ND	0.050	ND	ND	0.003
06-OCT-2009	ND	ND	0.049	ND	ND	0.003
AVERAGE	ND	0.001	0.031	ND	0.001	0.002

Ammonia as Nitrogen, MDL=0.3 mg/L

	INFLUENT	EFFLUENT	COMB EFF	PRI EFF	SEC EFF
03-FEB-2009	34.5	0.7	30.1	32.7	0.4
05-MAY-2009	28.2	ND	38.6	40.0	ND
04-AUG-2009	34.4	ND	35.8	36.5	ND
06-OCT-2009	35.2	ND	NA*	39.5	ND
AVERAGE	33.1	0.2	34.8	37.2	0.1

* Insufficient sample volume to complete all analysis
ND= Not Detected
NA= Not Analyzed
NS= Not Sampled

SOUTH BAY WATER RECLAMATION PLANT
Radioactivity

Annual 2009

Analyzed by: TestAmerica Laboratories Richland

Source	Sample Date	Sample ID	Gross Alpha Radiation	Gross Beta Radiation
INFLUENT	03-FEB-2009	P458506	2.9 ± 2.3	22.8 ± 5.1
INFLUENT	05-MAY-2009	P468782	4.2 ± 2.2	18.5 ± 3.9
INFLUENT	04-AUG-2009	P481319	4.5 ± 2.2	22.0 ± 5.2
INFLUENT	06-OCT-2009	P490583	0.4 ± 2.2	22.5 ± 4.9
EFFLUENT	04-AUG-2009	P481324	1.4 ± 1.6	18.4 ± 3.7
EFFLUENT	06-OCT-2009	P490588	1.2 ± 1.8	21.6 ± 4.3
COMB EFF	03-FEB-2009	P458516	2.7 ± 2.1	26.6 ± 5.5
COMB EFF	05-MAY-2009	P468792	5.9 ± 3.5	22.5 ± 5.2
COMB EFF	04-AUG-2009	P481329	2.4 ± 3.1	25.9 ± 6.6
COMB EFF	06-OCT-2009	P490593	0.2 ± 2.6	23.7 ± 5.4
PRI EFF	03-FEB-2009	P458521	0.4 ± 1.3	25.7 ± 4.8
PRI EFF	05-MAY-2009	P468797	2.0 ± 1.9	25.0 ± 4.7
PRI EFF	04-AUG-2009	P481334	3.2 ± 2.0	21.3 ± 4.3
PRI EFF	06-OCT-2009	P490598	1.2 ± 1.6	20.8 ± 5.0
SEC EFF	03-FEB-2009	P458526	2.7 ± 1.7	18.9 ± 5.0
SEC EFF	05-MAY-2009	P468802	2.0 ± 1.5	18.8 ± 4.6
SEC EFF	04-AUG-2009	P481339	4.2 ± 2.8	17.4 ± 4.2
SEC EFF	06-OCT-2009	P490603	0.7 ± 1.6	17.7 ± 3.7
AVERAGE			3.0 ± 2.2	21.5 ± 4.8

Units in picocuries/liter (pCi/L)

SOUTH BAY WATER RECLAMATION PLANT
Chlorinated Pesticide Analysis, EPA Method 608 (with additions)

Annual 2009

Analyte	MDL	Units	INFLUENT 03-FEB-2009 P458506	INFLUENT 05-MAY-2009 P468782	INFLUENT 04-AUG-2009 P481319	INFLUENT 06-OCT-2009 P490583
Aldrin	7	NG/L	ND	ND	ND	ND
BHC, Alpha isomer	7	NG/L	ND	ND	ND	ND
BHC, Beta isomer	3	NG/L	ND	ND	ND	ND
BHC, Delta isomer	3	NG/L	ND	ND	ND	ND
BHC, Gamma isomer	5	NG/L	ND	ND	ND	ND
Alpha (cis) Chlordane	3	NG/L	ND	ND	ND	ND
Gamma (trans) Chlordane	4	NG/L	ND	ND	ND	ND
Alpha Chlordene		NG/L	NA	NA	NA	NA
Gamma Chlordene		NG/L	NA	NA	NA	NA
Cis Nonachlor	3	NG/L	ND	ND	ND	ND
Dieldrin	3	NG/L	ND	ND	ND	ND
Endosulfan Sulfate	6	NG/L	ND	ND	ND	ND
Alpha Endosulfan	4	NG/L	ND	ND	ND	ND
Beta Endosulfan	2	NG/L	ND	ND	ND	ND
Endrin	2	NG/L	ND	ND	ND	ND
Endrin aldehyde	9	NG/L	ND	ND	ND	ND
Heptachlor	8	NG/L	ND	ND	ND	ND
Heptachlor epoxide	4	NG/L	ND	ND	ND	ND
Methoxychlor	10	NG/L	ND	ND	ND	ND
Mirex	10	NG/L	ND	ND	ND	ND
o,p-DDD	4	NG/L	ND	ND	ND	ND
o,p-DDE	5	NG/L	ND	ND	ND	ND
o,p-DDT	3	NG/L	ND	ND	ND	ND
Oxychlordane	6	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	360	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	930	NG/L	ND	ND	ND	ND
p,p-DDD	3	NG/L	ND	ND	ND	ND
p,p-DDE	4	NG/L	ND	ND	5	ND
p,p-DDT	8	NG/L	ND	ND	ND	ND
Toxaphene	330	NG/L	ND	ND	ND	ND
Trans Nonachlor	5	NG/L	ND	ND	ND	ND
Aldrin + Dieldrin	7	NG/L	0	0	0	0
Hexachlorocyclohexanes	7	NG/L	0	0	0	0
DDT and derivatives	8	NG/L	0	0	5	0
Chlordane + related cmpds.	6	NG/L	0	0	0	0
Polychlorinated biphenyls	4000	NG/L	0	0	0	0
Endosulfans	6	NG/L	0	0	0	0
Heptachlors	8	NG/L	0	0	0	0
Chlorinated Hydrocarbons	4000	NG/L	0	0	5	0

ND=not detected
NA=not analyzed
Standards for alpha and gamma chlordene are no longer available in the U.S. for the analysis of these compounds.

SOUTH BAY WATER RECLAMATION PLANT
Chlorinated Pesticide Analysis, EPA Method 608 (with additions)

Annual 2009

Analyte	MDL	Units	EFFLUENT 03-FEB-2009 P458511	EFFLUENT 05-MAY-2009 P468787	EFFLUENT 04-AUG-2009 P481324	EFFLUENT 06-OCT-2009 P490588
Aldrin	7	NG/L	ND	ND	ND	ND
BHC, Alpha isomer	7	NG/L	ND	ND	ND	ND
BHC, Beta isomer	3	NG/L	ND	ND	ND	ND
BHC, Delta isomer	3	NG/L	ND	ND	ND	ND
BHC, Gamma isomer	5	NG/L	ND	ND	ND	ND
Alpha (cis) Chlordane	3	NG/L	ND	ND	ND	ND
Gamma (trans) Chlordane	4	NG/L	ND	ND	ND	ND
Alpha Chlordene		NG/L	NA	NA	NA	NA
Gamma Chlordene		NG/L	NA	NA	NA	NA
Cis Nonachlor	3	NG/L	ND	ND	ND	ND
Dieldrin	3	NG/L	ND	ND	ND	ND
Endosulfan Sulfate	6	NG/L	ND	ND	ND	ND
Alpha Endosulfan	4	NG/L	ND	ND	ND	ND
Beta Endosulfan	2	NG/L	ND	ND	ND	ND
Endrin	2	NG/L	ND	ND	ND	ND
Endrin aldehyde	9	NG/L	ND	ND	ND	ND
Heptachlor	8	NG/L	ND	ND	ND	ND
Heptachlor epoxide	4	NG/L	ND	ND	ND	ND
Methoxychlor	10	NG/L	ND	ND	ND	ND
Mirex	10	NG/L	ND	ND	ND	ND
o,p-DDD	4	NG/L	ND	ND	ND	ND
o,p-DDE	5	NG/L	ND	ND	ND	ND
o,p-DDT	3	NG/L	ND	ND	ND	ND
Oxychlordane	6	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	360	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	930	NG/L	ND	ND	ND	ND
p,p-DDD	3	NG/L	ND	ND	ND	ND
p,p-DDE	4	NG/L	ND	ND	ND	ND
p,p-DDT	8	NG/L	ND	ND	ND	ND
Toxaphene	330	NG/L	ND	ND	ND	ND
Trans Nonachlor	5	NG/L	ND	ND	ND	ND
Aldrin + Dieldrin	7	NG/L	0	0	0	0
Hexachlorocyclohexanes	7	NG/L	0	0	0	0
DDT and derivatives	8	NG/L	0	0	0	0
Chlordane + related cmpds.	6	NG/L	0	0	0	0
Polychlorinated biphenyls	4000	NG/L	0	0	0	0
Endosulfans	6	NG/L	0	0	0	0
Heptachlors	8	NG/L	0	0	0	0
Chlorinated Hydrocarbons	4000	NG/L	0	0	0	0

ND=not detected
NA=not analyzed
Standards for alpha and gamma chlordene are no longer available in the U.S. for the analysis of these compounds.

SOUTH BAY WATER RECLAMATION PLANT
Chlorinated Pesticide Analysis, EPA Method 608 (with additions)

Annual 2009

Analyte	MDL	Units	COMB EFF 03-FEB-2009 P458516	COMB EFF 05-MAY-2009 P468792	COMB EFF 04-AUG-2009 P481329	COMB EFF 06-OCT-2009 P490593
Aldrin	7	NG/L	ND	ND	ND	ND
BHC, Alpha isomer	7	NG/L	ND	ND	ND	ND
BHC, Beta isomer	3	NG/L	ND	ND	ND	ND
BHC, Delta isomer	3	NG/L	ND	ND	ND	ND
BHC, Gamma isomer	5	NG/L	ND	ND	ND	6
Alpha (cis) Chlordane	3	NG/L	ND	ND	ND	ND
Gamma (trans) Chlordane	4	NG/L	ND	ND	ND	ND
Alpha Chlordene		NG/L	NA	NA	NA	NA
Gamma Chlordene		NG/L	NA	NA	NA	NA
Cis Nonachlor	3	NG/L	ND	ND	ND	ND
Dieldrin	3	NG/L	ND	ND	ND	ND
Endosulfan Sulfate	6	NG/L	ND	ND	ND	ND
Alpha Endosulfan	4	NG/L	ND	ND	ND	ND
Beta Endosulfan	2	NG/L	ND	ND	ND	ND
Endrin	2	NG/L	ND	ND	ND	ND
Endrin aldehyde	9	NG/L	ND	ND	ND	ND
Heptachlor	8	NG/L	ND	ND	ND	ND
Heptachlor epoxide	4	NG/L	ND	ND	ND	ND
Methoxychlor	10	NG/L	ND	ND	ND	ND
Mirex	10	NG/L	ND	ND	ND	ND
o,p-DDD	4	NG/L	ND	ND	ND	ND
o,p-DDE	5	NG/L	ND	ND	ND	ND
o,p-DDT	3	NG/L	ND	ND	ND	ND
Oxychlordane	6	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	360	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	930	NG/L	ND	ND	ND	ND
p,p-DDD	3	NG/L	ND	ND	ND	ND
p,p-DDE	4	NG/L	ND	ND	ND	ND
p,p-DDT	8	NG/L	ND	ND	ND	ND
Toxaphene	330	NG/L	ND	ND	ND	ND
Trans Nonachlor	5	NG/L	ND	ND	ND	ND
Aldrin + Dieldrin	7	NG/L	0	0	0	0
Hexachlorocyclohexanes	7	NG/L	0	0	0	6
DDT and derivatives	8	NG/L	0	0	0	0
Chlordane + related cmpds.	6	NG/L	0	0	0	0
Polychlorinated biphenyls	4000	NG/L	0	0	0	0
Endosulfans	6	NG/L	0	0	0	0
Heptachlors	8	NG/L	0	0	0	0
Chlorinated Hydrocarbons	4000	NG/L	0	0	0	6

ND=not detected
NA=not analyzed
Standards for alpha and gamma chlordene are no longer available in the U.S. for the analysis of these compounds.

SOUTH BAY WATER RECLAMATION PLANT
Chlorinated Pesticide Analysis, EPA Method 608 (with additions)

Annual 2009

Analyte	MDL	Units	PRI EFF 03-FEB-2009 P458521	PRI EFF 05-MAY-2009 P468797	PRI EFF 04-AUG-2009 P481334	PRI EFF 06-OCT-2009 P490598
Aldrin	7	NG/L	ND	ND	ND	ND
BHC, Alpha isomer	7	NG/L	ND	ND	ND	ND
BHC, Beta isomer	3	NG/L	ND	ND	ND	ND
BHC, Delta isomer	3	NG/L	ND	ND	ND	ND
BHC, Gamma isomer	5	NG/L	ND	ND	ND	ND
Alpha (cis) Chlordane	3	NG/L	ND	ND	ND	ND
Gamma (trans) Chlordane	4	NG/L	ND	ND	ND	ND
Alpha Chlordene		NG/L	NA	NA	NA	NA
Gamma Chlordene		NG/L	NA	NA	NA	NA
Cis Nonachlor	3	NG/L	ND	ND	ND	ND
Dieldrin	3	NG/L	ND	ND	ND	ND
Endosulfan Sulfate	6	NG/L	ND	ND	ND	ND
Alpha Endosulfan	4	NG/L	ND	ND	ND	ND
Beta Endosulfan	2	NG/L	ND	ND	ND	ND
Endrin	2	NG/L	ND	ND	ND	ND
Endrin aldehyde	9	NG/L	ND	ND	ND	ND
Heptachlor	8	NG/L	ND	ND	ND	ND
Heptachlor epoxide	4	NG/L	ND	ND	ND	ND
Methoxychlor	10	NG/L	ND	ND	ND	ND
Mirex	10	NG/L	ND	ND	ND	ND
o,p-DDD	4	NG/L	ND	ND	ND	ND
o,p-DDE	5	NG/L	ND	ND	ND	ND
o,p-DDT	3	NG/L	ND	ND	ND	ND
Oxychlordane	6	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	360	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	930	NG/L	ND	ND	ND	ND
p,p-DDD	3	NG/L	ND	ND	ND	ND
p,p-DDE	4	NG/L	ND	ND	ND	5
p,p-DDT	8	NG/L	ND	ND	ND	ND
Toxaphene	330	NG/L	ND	ND	ND	ND
Trans Nonachlor	5	NG/L	ND	ND	ND	ND
Aldrin + Dieldrin	7	NG/L	0	0	0	0
Hexachlorocyclohexanes	7	NG/L	0	0	0	0
DDT and derivatives	8	NG/L	0	0	0	5
Chlordane + related cmpds.	6	NG/L	0	0	0	0
Polychlorinated biphenyls	4000	NG/L	0	0	0	0
Endosulfans	6	NG/L	0	0	0	0
Heptachlors	8	NG/L	0	0	0	0
Chlorinated Hydrocarbons	4000	NG/L	0	0	0	5

ND=not detected
NA=not analyzed
Standards for alpha and gamma chlordene are no longer available in the U.S. for the analysis of these compounds.

SOUTH BAY WATER RECLAMATION PLANT
Chlorinated Pesticide Analysis, EPA Method 608 (with additions)

Annual 2009

Analyte	MDL	Units	SEC EFF 03-FEB-2009 P458526	SEC EFF 05-MAY-2009 P468802	SEC EFF 04-AUG-2009 P481339	SEC EFF 06-OCT-2009 P490603
Aldrin	7	NG/L	ND	ND	ND	ND
BHC, Alpha isomer	7	NG/L	ND	ND	ND	ND
BHC, Beta isomer	3	NG/L	ND	ND	ND	ND
BHC, Delta isomer	3	NG/L	ND	ND	ND	ND
BHC, Gamma isomer	5	NG/L	ND	ND	ND	ND
Alpha (cis) Chlordane	3	NG/L	ND	ND	ND	ND
Gamma (trans) Chlordane	4	NG/L	ND	ND	ND	ND
Alpha Chlordene		NG/L	NA	NA	NA	NA
Gamma Chlordene		NG/L	NA	NA	NA	NA
Cis Nonachlor	3	NG/L	ND	ND	ND	ND
Dieldrin	3	NG/L	ND	ND	ND	ND
Endosulfan Sulfate	6	NG/L	ND	ND	ND	ND
Alpha Endosulfan	4	NG/L	ND	ND	ND	ND
Beta Endosulfan	2	NG/L	ND	ND	ND	ND
Endrin	2	NG/L	ND	ND	ND	ND
Endrin aldehyde	9	NG/L	ND	ND	ND	ND
Heptachlor	8	NG/L	ND	ND	ND	ND
Heptachlor epoxide	4	NG/L	ND	ND	ND	ND
Methoxychlor	10	NG/L	ND	ND	ND	ND
Mirex	10	NG/L	ND	ND	ND	ND
o,p-DDD	4	NG/L	ND	ND	ND	ND
o,p-DDE	5	NG/L	ND	ND	ND	ND
o,p-DDT	3	NG/L	ND	ND	ND	ND
Oxychlordane	6	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	360	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	930	NG/L	ND	ND	ND	ND
p,p-DDD	3	NG/L	ND	ND	ND	ND
p,p-DDE	4	NG/L	ND	ND	ND	ND
p,p-DDT	8	NG/L	ND	ND	ND	ND
Toxaphene	330	NG/L	ND	ND	ND	ND
Trans Nonachlor	5	NG/L	ND	ND	ND	ND
Aldrin + Dieldrin	7	NG/L	0	0	0	0
Hexachlorocyclohexanes	7	NG/L	0	0	0	0
DDT and derivatives	8	NG/L	0	0	0	0
Chlordane + related cmpds.	6	NG/L	0	0	0	0
Polychlorinated biphenyls	4000	NG/L	0	0	0	0
Endosulfans	6	NG/L	0	0	0	0
Heptachlors	8	NG/L	0	0	0	0
Chlorinated Hydrocarbons	4000	NG/L	0	0	0	0

ND=not detected
NA=not analyzed
Standards for alpha and gamma chlordene are no longer available in the U.S. for the analysis of these compounds.

SOUTH BAY WATER RECLAMATION PLANT
Chlorinated Pesticide Analysis, EPA Method 608 (with additions)

Annual 2009

Analyte	MDL	Units	RSL 03-FEB-2009 P458540	RSL 05-MAY-2009 P468814	RSL 04-AUG-2009 P481353	RSL 06-OCT-2009 P490615
Aldrin	7	NG/L	ND	ND	ND	ND
BHC, Alpha isomer	7	NG/L	ND	ND	ND	ND
BHC, Beta isomer	3	NG/L	ND	ND	ND	ND
BHC, Delta isomer	3	NG/L	ND	ND	ND	ND
BHC, Gamma isomer	5	NG/L	ND	ND	ND	ND
Alpha (cis) Chlordane	3	NG/L	ND	ND	ND	ND
Gamma (trans) Chlordane	4	NG/L	ND	ND	ND	ND
Alpha Chlordene		NG/L	NA	NA	NA	NA
Gamma Chlordene		NG/L	NA	NA	NA	NA
Cis Nonachlor	3	NG/L	ND	ND	ND	ND
Dieldrin	3	NG/L	ND	ND	ND	ND
Endosulfan Sulfate	6	NG/L	ND	ND	ND	ND
Alpha Endosulfan	4	NG/L	ND	ND	ND	ND
Beta Endosulfan	2	NG/L	ND	ND	ND	ND
Endrin	2	NG/L	ND	ND	ND	ND
Endrin aldehyde	9	NG/L	ND	ND	ND	ND
Heptachlor	8	NG/L	ND	ND	ND	ND
Heptachlor epoxide	4	NG/L	ND	ND	ND	ND
Methoxychlor	10	NG/L	ND	ND	ND	ND
Mirex	10	NG/L	ND	ND	ND	ND
o,p-DDD	4	NG/L	ND	ND	ND	ND
o,p-DDE	5	NG/L	ND	ND	ND	ND
o,p-DDT	3	NG/L	ND	ND	ND	ND
Oxychlordane	6	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	360	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	930	NG/L	ND	ND	ND	ND
p,p-DDD	3	NG/L	ND	ND	ND	ND
p,p-DDE	4	NG/L	ND	ND	67	ND
p,p-DDT	8	NG/L	ND	ND	ND	ND
Toxaphene	330	NG/L	ND	ND	ND	ND
Trans Nonachlor	5	NG/L	ND	ND	ND	ND
Aldrin + Dieldrin	7	NG/L	0	0	0	0
Hexachlorocyclohexanes	7	NG/L	0	0	0	0
DDT and derivatives	8	NG/L	0	0	67	0
Chlordane + related cmpds.	6	NG/L	0	0	0	0
Polychlorinated biphenyls	4000	NG/L	0	0	0	0
Endosulfans	6	NG/L	0	0	0	0
Heptachlors	8	NG/L	0	0	0	0
Chlorinated Hydrocarbons	4000	NG/L	0	0	67	0

ND=not detected
NA=not analyzed
Standards for alpha and gamma chlordene are no longer available in the U.S. for the analysis of these compounds.

SOUTH BAY WATER RECLAMATION PLANT
Pesticides
EPA Method 614/622 (with additions)

Annual 2009

Analyte	MDL	Units	INF 05-MAY-2009 P468782	INF 06-OCT-2009 P490583	EFF 05-MAY-2009 P468787	EFF 06-OCT-2009 P490588	COMB EFF 05-MAY-2009 P468792
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
Dichlorvos	.05	UG/L	ND	0.1	ND	ND	0.4
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
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	0.1	0.0	0.0	0.4

ND=not detected
NA=not analyzed

SOUTH BAY WATER RECLAMATION PLANT
Pesticides
EPA Method 614/622 (with additions)

Annual 2009

Analyte	MDL	Units	COMB EFF 06-OCT-2009 P490593	PRI EFF 05-MAY-2009 P468797	PRI EFF 06-OCT-2009 P490598	SEC EFF 05-MAY-2009 P468802	SEC EFF 06-OCT-2009 P490603
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	0.2	ND	ND	ND	ND
Parathion	.03	UG/L	ND	ND	ND	ND	ND
Dichlorvos	.05	UG/L	0.3	ND	0.1	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
Thiophosphorus Pesticides	.15	UG/L	0.2	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	0.5	0.0	0.1	0.0	0.0

ND=not detected
NA=not analyzed

SOUTH BAY WATER RECLAMATION PLANT
Pesticides
EPA Method 614/622 (with additions)

Annual 2009

Analyte	MDL	Units	RSL 05-MAY-2009 P468814	RSL 06-OCT-2009 P490615	RECLAIM 05-MAY-2009 P468816	RECLAIM 06-OCT-2009 P490617
Demeton O	.15	UG/L	ND	ND	ND	ND
Demeton S	.08	UG/L	ND	ND	ND	ND
Diazinon	.03	UG/L	ND	ND	ND	ND
Guthion	.15	UG/L	ND	ND	ND	ND
Malathion	.03	UG/L	ND	ND	ND	ND
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
Thiophosphorus Pesticides	.15	UG/L	0.0	0.0	0.0	0.0
Demeton -O, -S	.15	UG/L	0.0	0.0	0.0	0.0
Total Organophosphorus Pesticides	.3	UG/L	0.0	0.0	0.0	0.0

ND=not detected
NA=not analyzed

SOUTH BAY WATER RECLAMATION PLANT
Priority Pollutants Base/Neutral Compounds, EPA Method 625

Annual 2009

Analyte	MDL	Units	SB_INF_02 03-FEB-2009 P458506	SB_INF_02 05-MAY-2009 P468782	SB_INF_02 04-AUG-2009 P481319	SB_INF_02 06-OCT-2009 P490583
Acenaphthene	1.8	UG/L	ND	ND	ND	ND
Acenaphthylene	1.77	UG/L	ND	ND	ND	ND
Anthracene	1.29	UG/L	ND	ND	ND	ND
Benzidine	1.52	UG/L	ND	ND	ND	ND
Benzo[A]anthracene	1.1	UG/L	ND	ND	ND	ND
3,4-benzo(B)fluoranthene	1.35	UG/L	ND	ND	ND	ND
Benzo[K]fluoranthene	1.49	UG/L	ND	ND	ND	ND
Benzo[A]pyrene	1.25	UG/L	ND	ND	ND	ND
Benzo[G,H,I]perylene	1.09	UG/L	ND	ND	ND	ND
4-bromophenyl phenyl ether	1.4	UG/L	ND	ND	ND	ND
bis(2-chloroethoxy)methane	1.01	UG/L	ND	ND	ND	ND
bis(2-chloroethyl) ether	1.38	UG/L	ND	ND	ND	ND
Bis-(2-chloroisopropyl) ether	1.16	UG/L	ND	ND	ND	ND
4-chlorophenyl phenyl ether	1.57	UG/L	ND	ND	ND	ND
2-chloronaphthalene	1.87	UG/L	ND	ND	ND	ND
Chrysene	1.16	UG/L	ND	ND	ND	ND
Dibenzo(A,H)anthracene	1.01	UG/L	ND	ND	ND	ND
Butyl benzyl phthalate	2.84	UG/L	ND	ND	ND	ND
Di-n-butyl phthalate	3.96	UG/L	ND	ND	ND	ND
Bis-(2-ethylhexyl) phthalate	8.96	UG/L	18.1	17.6	15.2	9.0
Diethyl phthalate	3.05	UG/L	12.0	12.1	13.3	9.8
Dimethyl phthalate	1.44	UG/L	ND	ND	ND	ND
Di-n-octyl phthalate	1	UG/L	ND	ND	ND	ND
3,3-dichlorobenzidine	2.44	UG/L	ND	ND	ND	ND
2,4-dinitrotoluene	1.36	UG/L	ND	ND	ND	ND
2,6-dinitrotoluene	1.53	UG/L	ND	ND	ND	ND
1,2-diphenylhydrazine	1.37	UG/L	ND	ND	ND	ND
Fluoranthene	1.33	UG/L	ND	ND	ND	ND
Fluorene	1.61	UG/L	ND	ND	ND	ND
Hexachlorobenzene	1.48	UG/L	ND	ND	ND	ND
Hexachlorobutadiene	1.64	UG/L	ND	ND	ND	ND
Hexachlorocyclopentadiene	1.25	UG/L	ND	ND	ND	ND
Hexachloroethane	1.32	UG/L	ND	ND	ND	ND
Indeno(1,2,3-CD)pyrene	1.14	UG/L	ND	ND	ND	ND
Isophorone	1.53	UG/L	ND	ND	ND	ND
Naphthalene	1.65	UG/L	ND	ND	ND	ND
Nitrobenzene	1.6	UG/L	ND	ND	ND	ND
N-nitrosodimethylamine	1.27	UG/L	ND	ND	ND	ND
N-nitrosodi-n-propylamine	1.16	UG/L	ND	ND	ND	ND
N-nitrosodiphenylamine	3.48	UG/L	ND	ND	ND	ND
Phenanthrene	1.34	UG/L	ND	ND	ND	ND
Pyrene	1.43	UG/L	ND	ND	ND	ND
1,2,4-trichlorobenzene	1.52	UG/L	ND	ND	ND	ND
Polynuc. Aromatic Hydrocarbons	1.77	UG/L	0.0	0.0	0.0	0.0
Base/Neutral Compounds	8.96	UG/L	30.1	29.7	28.5	18.8

Additional analytes determined

Benzo[e]pyrene	1.44	UG/L	ND	ND	ND	ND
Biphenyl	2.29	UG/L	ND	ND	ND	ND
2,6-dimethylnaphthalene	2.16	UG/L	ND	ND	ND	ND
1-methylnaphthalene	2.18	UG/L	ND	ND	ND	ND
1-methylphenanthrene	1.46	UG/L	ND	ND	ND	ND
2-methylnaphthalene	2.14	UG/L	ND	ND	ND	ND
2,3,5-trimethylnaphthalene	2.18	UG/L	ND	ND	ND	ND
Perylene	1.41	UG/L	ND	ND	ND	ND
Pyridine	3.33	UG/L	ND	ND	ND	ND

ND= not detected

SOUTH BAY WATER RECLAMATION PLANT
Priority Pollutants Base/Neutral Compounds, EPA Method 625

Annual 2009

Analyte	MDL	Units	Effluent 03-FEB-2009 P458511	Effluent 05-MAY-2009 P468787	Effluent 04-AUG-2009 P481324	Effluent 06-OCT-2009 P490588
Acenaphthene	1.8	UG/L	ND	ND	ND	ND
Acenaphthylene	1.77	UG/L	ND	ND	ND	ND
Anthracene	1.29	UG/L	ND	ND	ND	ND
Benzidine	1.52	UG/L	ND	ND	ND	ND
Benzo[A]anthracene	1.1	UG/L	ND	ND	ND	ND
3,4-benzo(B)fluoranthene	1.35	UG/L	ND	ND	ND	ND
Benzo[K]fluoranthene	1.49	UG/L	ND	ND	ND	ND
Benzo[A]pyrene	1.25	UG/L	ND	ND	ND	ND
Benzo[G,H,I]perylene	1.09	UG/L	ND	ND	ND	ND
4-bromophenyl phenyl ether	1.4	UG/L	ND	ND	ND	ND
bis(2-chloroethoxy)methane	1.01	UG/L	ND	ND	ND	ND
bis(2-chloroethyl) ether	1.38	UG/L	ND	ND	ND	ND
Bis-(2-chloroisopropyl) ether	1.16	UG/L	ND	ND	ND	ND
4-chlorophenyl phenyl ether	1.57	UG/L	ND	ND	ND	ND
2-chloronaphthalene	1.87	UG/L	ND	ND	ND	ND
Chrysene	1.16	UG/L	ND	ND	ND	ND
Dibenzo(A,H)anthracene	1.01	UG/L	ND	ND	ND	ND
Butyl benzyl phthalate	2.84	UG/L	ND	ND	ND	ND
Di-n-butyl phthalate	3.96	UG/L	ND	ND	ND	ND
Bis-(2-ethylhexyl) phthalate	8.96	UG/L	ND	ND	ND	ND
Diethyl phthalate	3.05	UG/L	ND	ND	ND	ND
Dimethyl phthalate	1.44	UG/L	ND	ND	ND	ND
Di-n-octyl phthalate	1	UG/L	ND	ND	ND	ND
3,3-dichlorobenzidine	2.44	UG/L	ND	ND	ND	ND
2,4-dinitrotoluene	1.36	UG/L	ND	ND	ND	ND
2,6-dinitrotoluene	1.53	UG/L	ND	ND	ND	ND
1,2-diphenylhydrazine	1.37	UG/L	ND	ND	ND	ND
Fluoranthene	1.33	UG/L	ND	ND	ND	ND
Fluorene	1.61	UG/L	ND	ND	ND	ND
Hexachlorobenzene	1.48	UG/L	ND	ND	ND	ND
Hexachlorobutadiene	1.64	UG/L	ND	ND	ND	ND
Hexachlorocyclopentadiene	1.25	UG/L	ND	ND	ND	ND
Hexachloroethane	1.32	UG/L	ND	ND	ND	ND
Indeno(1,2,3-CD)pyrene	1.14	UG/L	ND	ND	ND	ND
Isophorone	1.53	UG/L	ND	ND	ND	ND
Naphthalene	1.65	UG/L	ND	ND	ND	ND
Nitrobenzene	1.6	UG/L	ND	ND	ND	ND
N-nitrosodimethylamine	1.27	UG/L	ND	ND	ND	ND
N-nitrosodi-n-propylamine	1.16	UG/L	ND	ND	ND	ND
N-nitrosodiphenylamine	3.48	UG/L	ND	ND	ND	ND
Phenanthrene	1.34	UG/L	ND	ND	ND	ND
Pyrene	1.43	UG/L	ND	ND	ND	ND
1,2,4-trichlorobenzene	1.52	UG/L	ND	ND	ND	ND
Polynuc. Aromatic Hydrocarbons	1.77	UG/L	0.0	0.0	0.0	0.0
Base/Neutral Compounds	8.96	UG/L	0.0	0.0	0.0	0.0

Additional analytes determined

Benzo[e]pyrene	1.44	UG/L	ND	ND	ND	ND
Biphenyl	2.29	UG/L	ND	ND	ND	ND
2,6-dimethylnaphthalene	2.16	UG/L	ND	ND	ND	ND
1-methylnaphthalene	2.18	UG/L	ND	ND	ND	ND
1-methylphenanthrene	1.46	UG/L	ND	ND	ND	ND
2-methylnaphthalene	2.14	UG/L	ND	ND	ND	ND
2,3,5-trimethylnaphthalene	2.18	UG/L	ND	ND	ND	ND
Perylene	1.41	UG/L	ND	ND	ND	ND
Pyridine	3.33	UG/L	ND	ND	ND	ND

ND= not detected

SOUTH BAY WATER RECLAMATION PLANT

Priority Pollutants Base/Neutral Compounds, EPA Method 625

Annual 2009

Analyte	MDL	Units	SB_ITP_COMB_EFF 03-FEB-2009 P458516	SB_ITP_COMB_EFF 05-MAY-2009 P468792	SB_ITP_COMB_EFF 04-AUG-2009 P481329	SB_ITP_COMB_EFF 06-OCT-2009 P490593
Acenaphthene	1.8	UG/L	ND	ND	ND	ND
Acenaphthylene	1.77	UG/L	ND	ND	ND	ND
Anthracene	1.29	UG/L	ND	ND	ND	ND
Benzidine	1.52	UG/L	ND	ND	ND	ND
Benzo[A]anthracene	1.1	UG/L	ND	ND	ND	ND
3,4-benzo(B)fluoranthene	1.35	UG/L	ND	ND	ND	ND
Benzo[K]fluoranthene	1.49	UG/L	ND	ND	ND	ND
Benzo[A]pyrene	1.25	UG/L	ND	ND	ND	ND
Benzo[G,H,I]perylene	1.09	UG/L	ND	ND	ND	ND
4-bromophenyl phenyl ether	1.4	UG/L	ND	ND	ND	ND
bis(2-chloroethoxy)methane	1.01	UG/L	ND	ND	1.7	ND
bis(2-chloroethyl) ether	1.38	UG/L	ND	ND	ND	ND
Bis-(2-chloroisopropyl) ether	1.16	UG/L	ND	ND	ND	ND
4-chlorophenyl phenyl ether	1.57	UG/L	ND	ND	ND	ND
2-chloronaphthalene	1.87	UG/L	ND	ND	ND	ND
Chrysene	1.16	UG/L	ND	ND	ND	ND
Dibenzo(A,H)anthracene	1.01	UG/L	ND	ND	ND	ND
Butyl benzyl phthalate	2.84	UG/L	ND	ND	ND	ND
Di-n-butyl phthalate	3.96	UG/L	ND	ND	ND	ND
Bis-(2-ethylhexyl) phthalate	8.96	UG/L	ND	ND	ND	ND
Diethyl phthalate	3.05	UG/L	17.2	18.0	16.9	15.7
Dimethyl phthalate	1.44	UG/L	ND	ND	ND	ND
Di-n-octyl phthalate	1	UG/L	ND	ND	ND	ND
3,3-dichlorobenzidine	2.44	UG/L	ND	ND	ND	ND
2,4-dinitrotoluene	1.36	UG/L	ND	ND	ND	ND
2,6-dinitrotoluene	1.53	UG/L	ND	ND	ND	ND
1,2-diphenylhydrazine	1.37	UG/L	ND	ND	ND	ND
Fluoranthene	1.33	UG/L	ND	ND	ND	ND
Fluorene	1.61	UG/L	ND	ND	ND	ND
Hexachlorobenzene	1.48	UG/L	ND	ND	ND	ND
Hexachlorobutadiene	1.64	UG/L	ND	ND	ND	ND
Hexachlorocyclopentadiene	1.25	UG/L	ND	ND	ND	ND
Hexachloroethane	1.32	UG/L	ND	ND	ND	ND
Indeno(1,2,3-CD)pyrene	1.14	UG/L	ND	ND	ND	ND
Isophorone	1.53	UG/L	ND	ND	ND	ND
Naphthalene	1.65	UG/L	ND	ND	ND	ND
Nitrobenzene	1.6	UG/L	ND	ND	ND	ND
N-nitrosodimethylamine	1.27	UG/L	ND	ND	ND	ND
N-nitrosodi-n-propylamine	1.16	UG/L	ND	ND	ND	ND
N-nitrosodiphenylamine	3.48	UG/L	ND	ND	ND	ND
Phenanthrene	1.34	UG/L	ND	ND	ND	ND
Pyrene	1.43	UG/L	ND	ND	ND	ND
1,2,4-trichlorobenzene	1.52	UG/L	ND	ND	ND	ND
Polynuc. Aromatic Hydrocarbons	1.77	UG/L	0.0	0.0	0.0	0.0
Base/Neutral Compounds	8.96	UG/L	17.2	18.0	18.6	15.7

Additional analytes determined

Benzo[e]pyrene	1.44	UG/L	ND	ND	ND	ND
Biphenyl	2.29	UG/L	ND	ND	ND	ND
2,6-dimethylnaphthalene	2.16	UG/L	ND	ND	ND	ND
1-methylnaphthalene	2.18	UG/L	ND	ND	ND	ND
1-methylphenanthrene	1.46	UG/L	ND	ND	ND	ND
2-methylnaphthalene	2.14	UG/L	ND	ND	ND	ND
2,3,5-trimethylnaphthalene	2.18	UG/L	ND	ND	ND	ND
Perylene	1.41	UG/L	ND	ND	ND	ND
Pyridine	3.33	UG/L	ND	ND	ND	ND

ND= not detected

SOUTH BAY WATER RECLAMATION PLANT
Priority Pollutants Base/Neutral Compounds, EPA Method 625

Annual 2009

Analyte	MDL	Units	SB_PRIEFF_10 03-FEB-2009 P458521	SB_PRIEFF_10 05-MAY-2009 P468797	SB_PRIEFF_10 04-AUG-2009 P481334	SB_PRIEFF_10 06-OCT-2009 P490598
Acenaphthene	1.8	UG/L	ND	ND	ND	ND
Acenaphthylene	1.77	UG/L	ND	ND	ND	ND
Anthracene	1.29	UG/L	ND	ND	ND	ND
Benzidine	1.52	UG/L	ND	ND	ND	ND
Benzo[A]anthracene	1.1	UG/L	ND	ND	ND	ND
3,4-benzo(B)fluoranthene	1.35	UG/L	ND	ND	ND	ND
Benzo[K]fluoranthene	1.49	UG/L	ND	ND	ND	ND
Benzo[A]pyrene	1.25	UG/L	ND	ND	ND	ND
Benzo[G,H,I]perylene	1.09	UG/L	ND	ND	ND	ND
4-bromophenyl phenyl ether	1.4	UG/L	ND	ND	ND	ND
bis(2-chloroethoxy)methane	1.01	UG/L	ND	ND	ND	ND
bis(2-chloroethyl) ether	1.38	UG/L	ND	ND	ND	ND
Bis-(2-chloroisopropyl) ether	1.16	UG/L	ND	ND	ND	ND
4-chlorophenyl phenyl ether	1.57	UG/L	ND	ND	ND	ND
2-chloronaphthalene	1.87	UG/L	ND	ND	ND	ND
Chrysene	1.16	UG/L	ND	ND	ND	ND
Dibenzo(A,H)anthracene	1.01	UG/L	ND	ND	ND	ND
Butyl benzyl phthalate	2.84	UG/L	ND	ND	ND	ND
Di-n-butyl phthalate	3.96	UG/L	ND	ND	ND	ND
Bis-(2-ethylhexyl) phthalate	8.96	UG/L	24.5	11.2	61.5	26.2
Diethyl phthalate	3.05	UG/L	10.9	8.1	9.1	7.3
Dimethyl phthalate	1.44	UG/L	ND	ND	ND	ND
Di-n-octyl phthalate	1	UG/L	ND	ND	ND	ND
3,3-dichlorobenzidine	2.44	UG/L	ND	ND	ND	ND
2,4-dinitrotoluene	1.36	UG/L	ND	ND	ND	ND
2,6-dinitrotoluene	1.53	UG/L	ND	ND	ND	ND
1,2-diphenylhydrazine	1.37	UG/L	ND	ND	ND	ND
Fluoranthene	1.33	UG/L	ND	ND	ND	ND
Fluorene	1.61	UG/L	ND	ND	ND	ND
Hexachlorobenzene	1.48	UG/L	ND	ND	ND	ND
Hexachlorobutadiene	1.64	UG/L	ND	ND	ND	ND
Hexachlorocyclopentadiene	1.25	UG/L	ND	ND	ND	ND
Hexachloroethane	1.32	UG/L	ND	ND	ND	ND
Indeno(1,2,3-CD)pyrene	1.14	UG/L	ND	ND	ND	ND
Isophorone	1.53	UG/L	ND	ND	ND	ND
Naphthalene	1.65	UG/L	ND	ND	ND	ND
Nitrobenzene	1.6	UG/L	ND	ND	ND	ND
N-nitrosodimethylamine	1.27	UG/L	ND	ND	ND	ND
N-nitrosodi-n-propylamine	1.16	UG/L	ND	ND	ND	ND
N-nitrosodiphenylamine	3.48	UG/L	ND	ND	ND	ND
Phenanthrene	1.34	UG/L	ND	ND	ND	ND
Pyrene	1.43	UG/L	ND	ND	ND	ND
1,2,4-trichlorobenzene	1.52	UG/L	ND	ND	ND	ND
Polynuc. Aromatic Hydrocarbons	1.77	UG/L	0.0	0.0	0.0	0.0
Base/Neutral Compounds	8.96	UG/L	35.4	19.3	70.6	33.5

Additional analytes determined

Benzo[e]pyrene	1.44	UG/L	ND	ND	ND	ND
Biphenyl	2.29	UG/L	ND	ND	ND	ND
2,6-dimethylnaphthalene	2.16	UG/L	ND	ND	ND	ND
1-methylnaphthalene	2.18	UG/L	ND	ND	ND	ND
1-methylphenanthrene	1.46	UG/L	ND	ND	ND	ND
2-methylnaphthalene	2.14	UG/L	ND	ND	ND	ND
2,3,5-trimethylnaphthalene	2.18	UG/L	ND	ND	ND	ND
Perylene	1.41	UG/L	ND	ND	ND	ND
Pyridine	3.33	UG/L	ND	ND	ND	ND

ND= not detected

SOUTH BAY WATER RECLAMATION PLANT
Priority Pollutants Base/Neutral Compounds, EPA Method 625

Annual 2009

Analyte	MDL	Units	SB_SEC_EFF_20 03-FEB-2009 P458526	SB_SEC_EFF_20 05-MAY-2009 P468802	SB_SEC_EFF_20 04-AUG-2009 P481339	SB_SEC_EFF_20 06-OCT-2009 P490603
Acenaphthene	1.8	UG/L	ND	ND	ND	ND
Acenaphthylene	1.77	UG/L	ND	ND	ND	ND
Anthracene	1.29	UG/L	ND	ND	ND	ND
Benzidine	1.52	UG/L	ND	ND	ND	ND
Benzo[A]anthracene	1.1	UG/L	ND	ND	ND	ND
3,4-benzo(B)fluoranthene	1.35	UG/L	ND	ND	ND	ND
Benzo[K]fluoranthene	1.49	UG/L	ND	ND	ND	ND
Benzo[A]pyrene	1.25	UG/L	ND	ND	ND	ND
Benzo[G,H,I]perylene	1.09	UG/L	ND	ND	ND	ND
4-bromophenyl phenyl ether	1.4	UG/L	ND	ND	ND	ND
bis(2-chloroethoxy)methane	1.01	UG/L	ND	ND	ND	ND
bis(2-chloroethyl) ether	1.38	UG/L	ND	ND	ND	ND
Bis-(2-chloroisopropyl) ether	1.16	UG/L	ND	ND	ND	ND
4-chlorophenyl phenyl ether	1.57	UG/L	ND	ND	ND	ND
2-chloronaphthalene	1.87	UG/L	ND	ND	ND	ND
Chrysene	1.16	UG/L	ND	ND	ND	ND
Dibenzo(A,H)anthracene	1.01	UG/L	ND	ND	ND	ND
Butyl benzyl phthalate	2.84	UG/L	ND	ND	ND	ND
Di-n-butyl phthalate	3.96	UG/L	ND	ND	ND	ND
Bis-(2-ethylhexyl) phthalate	8.96	UG/L	ND	ND	21.5	ND
Diethyl phthalate	3.05	UG/L	ND	ND	ND	ND
Dimethyl phthalate	1.44	UG/L	ND	ND	ND	ND
Di-n-octyl phthalate	1	UG/L	ND	ND	ND	ND
3,3-dichlorobenzidine	2.44	UG/L	ND	ND	ND	ND
2,4-dinitrotoluene	1.36	UG/L	ND	ND	ND	ND
2,6-dinitrotoluene	1.53	UG/L	ND	ND	ND	ND
1,2-diphenylhydrazine	1.37	UG/L	ND	ND	ND	ND
Fluoranthene	1.33	UG/L	ND	ND	ND	ND
Fluorene	1.61	UG/L	ND	ND	ND	ND
Hexachlorobenzene	1.48	UG/L	ND	ND	ND	ND
Hexachlorobutadiene	1.64	UG/L	ND	ND	ND	ND
Hexachlorocyclopentadiene	1.25	UG/L	ND	ND	ND	ND
Hexachloroethane	1.32	UG/L	ND	ND	ND	ND
Indeno(1,2,3-CD)pyrene	1.14	UG/L	ND	ND	ND	ND
Isophorone	1.53	UG/L	ND	ND	ND	ND
Naphthalene	1.65	UG/L	ND	ND	ND	ND
Nitrobenzene	1.6	UG/L	ND	ND	ND	ND
N-nitrosodimethylamine	1.27	UG/L	ND	ND	ND	ND
N-nitrosodi-n-propylamine	1.16	UG/L	ND	ND	ND	ND
N-nitrosodiphenylamine	3.48	UG/L	ND	ND	ND	ND
Phenanthrene	1.34	UG/L	ND	ND	ND	ND
Pyrene	1.43	UG/L	ND	ND	ND	ND
1,2,4-trichlorobenzene	1.52	UG/L	ND	ND	ND	ND
Polynuc. Aromatic Hydrocarbons	1.77	UG/L	0.0	0.0	0.0	0.0
Base/Neutral Compounds	8.96	UG/L	0.0	0.0	21.5	0.0

Additional analytes determined

Benzo[e]pyrene	1.44	UG/L	ND	ND	ND	ND
Biphenyl	2.29	UG/L	ND	ND	ND	ND
2,6-dimethylnaphthalene	2.16	UG/L	ND	ND	ND	ND
1-methylnaphthalene	2.18	UG/L	ND	ND	ND	ND
1-methylphenanthrene	1.46	UG/L	ND	ND	ND	ND
2-methylnaphthalene	2.14	UG/L	ND	ND	ND	ND
2,3,5-trimethylnaphthalene	2.18	UG/L	ND	ND	ND	ND
Perylene	1.41	UG/L	ND	ND	ND	ND
Pyridine	3.33	UG/L	ND	ND	ND	ND

ND= not detected

SOUTH BAY WATER RECLAMATION PLANT
Priority Pollutants Base/Neutral Compounds, EPA Method 625

Annual 2009

Analyte	MDL	Units	SB_REC_WATER_34 03-FEB-2009 P458542	SB_REC_WATER_34 05-MAY-2009 P468816	SB_REC_WATER_34 04-AUG-2009 P481355	SB_REC_WATER_34 06-OCT-2009 P490617
Acenaphthene	1.8	UG/L	ND	ND	ND	ND
Acenaphthylene	1.77	UG/L	ND	ND	ND	ND
Anthracene	1.29	UG/L	ND	ND	ND	ND
Benzidine	1.52	UG/L	ND	ND	ND	ND
Benzo[A]anthracene	1.1	UG/L	ND	ND	ND	ND
3,4-benzo(B)fluoranthene	1.35	UG/L	ND	ND	ND	ND
Benzo[K]fluoranthene	1.49	UG/L	ND	ND	ND	ND
Benzo[A]pyrene	1.25	UG/L	ND	ND	ND	ND
Benzo[G,H,I]perylene	1.09	UG/L	ND	ND	ND	ND
4-bromophenyl phenyl ether	1.4	UG/L	ND	ND	ND	ND
bis(2-chloroethoxy)methane	1.01	UG/L	ND	ND	ND	ND
bis(2-chloroethyl) ether	1.38	UG/L	ND	ND	ND	ND
Bis-(2-chloroisopropyl) ether	1.16	UG/L	ND	ND	ND	ND
4-chlorophenyl phenyl ether	1.57	UG/L	ND	ND	ND	ND
2-chloronaphthalene	1.87	UG/L	ND	ND	ND	ND
Chrysene	1.16	UG/L	ND	ND	ND	ND
Dibenzo(A,H)anthracene	1.01	UG/L	ND	ND	ND	ND
Butyl benzyl phthalate	2.84	UG/L	ND	ND	ND	ND
Di-n-butyl phthalate	3.96	UG/L	ND	ND	ND	ND
Bis-(2-ethylhexyl) phthalate	8.96	UG/L	ND	ND	ND	ND
Diethyl phthalate	3.05	UG/L	ND	ND	ND	ND
Dimethyl phthalate	1.44	UG/L	ND	ND	ND	ND
Di-n-octyl phthalate	1	UG/L	ND	ND	ND	ND
3,3-dichlorobenzidine	2.44	UG/L	ND	ND	ND	ND
2,4-dinitrotoluene	1.36	UG/L	ND	ND	ND	ND
2,6-dinitrotoluene	1.53	UG/L	ND	ND	ND	ND
1,2-diphenylhydrazine	1.37	UG/L	ND	ND	ND	ND
Fluoranthene	1.33	UG/L	ND	ND	ND	ND
Fluorene	1.61	UG/L	ND	ND	ND	ND
Hexachlorobenzene	1.48	UG/L	ND	ND	ND	ND
Hexachlorobutadiene	1.64	UG/L	ND	ND	ND	ND
Hexachlorocyclopentadiene	1.25	UG/L	ND	ND	ND	ND
Hexachloroethane	1.32	UG/L	ND	ND	ND	ND
Indeno(1,2,3-CD)pyrene	1.14	UG/L	ND	ND	ND	ND
Isophorone	1.53	UG/L	ND	ND	ND	ND
Naphthalene	1.65	UG/L	ND	ND	ND	ND
Nitrobenzene	1.6	UG/L	ND	ND	ND	ND
N-nitrosodimethylamine	1.27	UG/L	ND	ND	ND	ND
N-nitrosodi-n-propylamine	1.16	UG/L	ND	ND	ND	ND
N-nitrosodiphenylamine	3.48	UG/L	ND	ND	ND	ND
Phenanthrene	1.34	UG/L	ND	ND	ND	ND
Pyrene	1.43	UG/L	ND	ND	ND	ND
1,2,4-trichlorobenzene	1.52	UG/L	ND	ND	ND	ND
Polynuc. Aromatic Hydrocarbons	1.77	UG/L	0.0	0.0	0.0	0.0
Base/Neutral Compounds	8.96	UG/L	0.0	0.0	0.0	0.0
Additional analytes determined						
Benzo[e]pyrene	1.44	UG/L	ND	ND	ND	ND
Biphenyl	2.29	UG/L	ND	ND	ND	ND
2,6-dimethylnaphthalene	2.16	UG/L	ND	ND	ND	ND
1-methylnaphthalene	2.18	UG/L	ND	ND	ND	ND
1-methylphenanthrene	1.46	UG/L	ND	ND	ND	ND
2-methylnaphthalene	2.14	UG/L	ND	ND	ND	ND
2,3,5-trimethylnaphthalene	2.18	UG/L	ND	ND	ND	ND
Perylene	1.41	UG/L	ND	ND	ND	ND
Pyridine	3.33	UG/L	ND	ND	ND	ND

ND= not detected

SOUTH BAY WATER RECLAMATION PLANT
ACID EXTRACTABLE COMPOUNDS, EPA Method 625

Annual 2009

Analyte:	MDL	Units	INFLUENT 03-FEB-2009 P458506	INFLUENT 05-MAY-2009 P468782	INFLUENT 04-AUG-2009 P481319	INFLUENT 06-OCT-2009 P490583
2-chlorophenol	1.32	UG/L	ND	ND	ND	ND
2,4-dichlorophenol	1.01	UG/L	ND	ND	ND	ND
4-chloro-3-methylphenol	1.67	UG/L	ND	ND	ND	ND
2,4,6-trichlorophenol	1.65	UG/L	ND	ND	ND	ND
Pentachlorophenol	1.12	UG/L	ND	ND	ND	ND
Phenol	1.76	UG/L	35.0	32.6	40.5	38.0
2-nitrophenol	1.55	UG/L	ND	ND	ND	ND
2,4-dimethylphenol	2.01	UG/L	ND	ND	ND	ND
2,4-dinitrophenol	2.16	UG/L	ND	ND	ND	ND
4-nitrophenol	1.14	UG/L	ND	ND	ND	ND
2-methyl-4,6-dinitrophenol	1.52	UG/L	ND	ND	ND	ND
2-methylphenol	2.15	UG/L	ND	ND	ND	ND
3-methylphenol(4-MP is unresolved)		UG/L	NA	NA	NA	NA
4-methylphenol(3-MP is unresolved)	2.11	UG/L	124	108	109	110
2,4,5-trichlorophenol	1.66	UG/L	ND	ND	ND	ND
Total Chlorinated Phenols	1.67	UG/L	0.0	0.0	0.0	0.0
Total Non-Chlorinated Phenols	2.16	UG/L	35.0	32.6	40.5	38.0
Total Phenols	2.16	UG/L	35.0	32.6	40.5	38.0

Analyte:	MDL	Units	EFFLUENT 03-FEB-2009 P458511	EFFLUENT 05-MAY-2009 P468787	EFFLUENT 04-AUG-2009 P481324	EFFLUENT 06-OCT-2009 P490588
2-chlorophenol	1.32	UG/L	ND	ND	ND	ND
2,4-dichlorophenol	1.01	UG/L	ND	ND	ND	ND
4-chloro-3-methylphenol	1.67	UG/L	ND	ND	ND	ND
2,4,6-trichlorophenol	1.65	UG/L	ND	ND	ND	ND
Pentachlorophenol	1.12	UG/L	ND	ND	ND	ND
Phenol	1.76	UG/L	ND	ND	ND	ND
2-nitrophenol	1.55	UG/L	ND	ND	ND	ND
2,4-dimethylphenol	2.01	UG/L	ND	ND	ND	ND
2,4-dinitrophenol	2.16	UG/L	ND	ND	ND	ND
4-nitrophenol	1.14	UG/L	ND	ND	ND	ND
2-methyl-4,6-dinitrophenol	1.52	UG/L	ND	ND	ND	ND
2-methylphenol	2.15	UG/L	ND	ND	ND	ND
3-methylphenol(4-MP is unresolved)		UG/L	NA	NA	NA	NA
4-methylphenol(3-MP is unresolved)	2.11	UG/L	ND	ND	ND	ND
2,4,5-trichlorophenol	1.66	UG/L	ND	ND	ND	ND
Total Chlorinated Phenols	1.67	UG/L	0.0	0.0	0.0	0.0
Total Non-Chlorinated Phenols	2.16	UG/L	0.0	0.0	0.0	0.0
Total Phenols	2.16	UG/L	0.0	0.0	0.0	0.0

ND= not detected
NA= not analyzed

SOUTH BAY WATER RECLAMATION PLANT
ACID EXTRACTABLE COMPOUNDS, EPA Method 625

Annual 2009

Analyte:	MDL	Units	COMB EFF 03-FEB-2009 P458516	COMB EFF 05-MAY-2009 P468792	COMB EFF 04-AUG-2009 P481329	COMB EFF 06-OCT-2009 P490593
2-chlorophenol	1.32	UG/L	ND	ND	ND	ND
2,4-dichlorophenol	1.01	UG/L	ND	ND	ND	ND
4-chloro-3-methylphenol	1.67	UG/L	ND	ND	ND	ND
2,4,6-trichlorophenol	1.65	UG/L	ND	ND	ND	ND
Pentachlorophenol	1.12	UG/L	ND	ND	ND	ND
Phenol	1.76	UG/L	13.5	24.2	18.0	9.8
2-nitrophenol	1.55	UG/L	ND	ND	ND	ND
2,4-dimethylphenol	2.01	UG/L	ND	ND	ND	ND
2,4-dinitrophenol	2.16	UG/L	ND	ND	ND	ND
4-nitrophenol	1.14	UG/L	ND	ND	ND	ND
2-methyl-4,6-dinitrophenol	1.52	UG/L	ND	ND	ND	ND
2-methylphenol	2.15	UG/L	ND	ND	ND	ND
3-methylphenol(4-MP is unresolved)		UG/L	NA	NA	NA	NA
4-methylphenol(3-MP is unresolved)	2.11	UG/L	7.1	3.4	3.7	3.3
2,4,5-trichlorophenol	1.66	UG/L	ND	ND	ND	ND
Total Chlorinated Phenols	1.67	UG/L	0.0	0.0	0.0	0.0
Total Non-Chlorinated Phenols	2.16	UG/L	13.5	24.2	18.0	9.8
Total Phenols	2.16	UG/L	13.5	24.2	18.0	9.8

Analyte:	MDL	Units	PRI EFF 03-FEB-2009 P458521	PRI EFF 05-MAY-2009 P468797	PRI EFF 04-AUG-2009 P481334	PRI EFF 06-OCT-2009 P490598
2-chlorophenol	1.32	UG/L	ND	ND	ND	ND
2,4-dichlorophenol	1.01	UG/L	ND	ND	ND	ND
4-chloro-3-methylphenol	1.67	UG/L	ND	ND	ND	ND
2,4,6-trichlorophenol	1.65	UG/L	ND	ND	ND	ND
Pentachlorophenol	1.12	UG/L	ND	ND	ND	ND
Phenol	1.76	UG/L	6.7	26.7	32.3	17.1
2-nitrophenol	1.55	UG/L	ND	ND	ND	ND
2,4-dimethylphenol	2.01	UG/L	ND	ND	ND	ND
2,4-dinitrophenol	2.16	UG/L	ND	ND	ND	ND
4-nitrophenol	1.14	UG/L	ND	ND	ND	ND
2-methyl-4,6-dinitrophenol	1.52	UG/L	ND	ND	ND	ND
2-methylphenol	2.15	UG/L	ND	ND	ND	ND
3-methylphenol(4-MP is unresolved)		UG/L	NA	NA	NA	NA
4-methylphenol(3-MP is unresolved)	2.11	UG/L	11.2	74.1	89.9	42.4
2,4,5-trichlorophenol	1.66	UG/L	ND	ND	ND	ND
Total Chlorinated Phenols	1.67	UG/L	0.0	0.0	0.0	0.0
Total Non-Chlorinated Phenols	2.16	UG/L	6.7	26.7	32.3	17.1
Total Phenols	2.16	UG/L	6.7	26.7	32.3	17.1

ND= not detected
NA= not analyzed

SOUTH BAY WATER RECLAMATION PLANT
ACID EXTRACTABLE COMPOUNDS, EPA Method 625

Annual 2009

Analyte:	MDL	Units	SEC EFF 03-FEB-2009 P458526	SEC EFF 05-MAY-2009 P468802	SEC EFF 04-AUG-2009 P481339	SEC EFF 06-OCT-2009 P490603
2-chlorophenol	1.32	UG/L	ND	ND	ND	ND
2,4-dichlorophenol	1.01	UG/L	ND	ND	ND	ND
4-chloro-3-methylphenol	1.67	UG/L	ND	ND	ND	ND
2,4,6-trichlorophenol	1.65	UG/L	ND	ND	ND	ND
Pentachlorophenol	1.12	UG/L	ND	ND	ND	ND
Phenol	1.76	UG/L	ND	ND	ND	ND
2-nitrophenol	1.55	UG/L	ND	ND	ND	ND
2,4-dimethylphenol	2.01	UG/L	ND	ND	ND	ND
2,4-dinitrophenol	2.16	UG/L	ND	ND	ND	ND
4-nitrophenol	1.14	UG/L	ND	ND	ND	ND
2-methyl-4,6-dinitrophenol	1.52	UG/L	ND	ND	ND	ND
2-methylphenol	2.15	UG/L	ND	ND	ND	ND
3-methylphenol(4-MP is unresolved)		UG/L	NA	NA	NA	NA
4-methylphenol(3-MP is unresolved)	2.11	UG/L	ND	ND	ND	ND
2,4,5-trichlorophenol	1.66	UG/L	ND	ND	ND	ND
Total Chlorinated Phenols	1.67	UG/L	0.0	0.0	0.0	0.0
Total Non-Chlorinated Phenols	2.16	UG/L	0.0	0.0	0.0	0.0
Total Phenols	2.16	UG/L	0.0	0.0	0.0	0.0

Analyte:	MDL	Units	RSL 03-FEB-2009 P458540	RSL 05-MAY-2009 P468814	RSL 04-AUG-2009 P481353	RSL 06-OCT-2009 P490615
2-chlorophenol	1.32	UG/L	ND	ND	ND	ND
2,4-dichlorophenol	1.01	UG/L	ND	ND	ND	ND
4-chloro-3-methylphenol	1.67	UG/L	ND	ND	ND	ND
2,4,6-trichlorophenol	1.65	UG/L	ND	ND	ND	ND
Pentachlorophenol	1.12	UG/L	ND	ND	ND	ND
Phenol	1.76	UG/L	85.0	95.1	104	101
2-nitrophenol	1.55	UG/L	ND	ND	ND	ND
2,4-dimethylphenol	2.01	UG/L	ND	ND	ND	ND
2,4-dinitrophenol	2.16	UG/L	ND	ND	ND	ND
4-nitrophenol	1.14	UG/L	ND	ND	ND	ND
2-methyl-4,6-dinitrophenol	1.52	UG/L	ND	ND	ND	ND
2-methylphenol	2.15	UG/L	ND	ND	ND	ND
3-methylphenol(4-MP is unresolved)		UG/L	NA	NA	NA	NA
4-methylphenol(3-MP is unresolved)	2.11	UG/L	249	224	150	197
2,4,5-trichlorophenol	1.66	UG/L	ND	ND	ND	ND
Total Chlorinated Phenols	1.67	UG/L	0.0	0.0	0.0	0.0
Total Non-Chlorinated Phenols	2.16	UG/L	85.0	95.1	104	101
Total Phenols	2.16	UG/L	85.0	95.1	104	101

ND= not detected
NA= not analyzed

SOUTH BAY WATER RECLAMATION PLANT
ACID EXTRACTABLE COMPOUNDS, EPA Method 625

Annual 2009

Analyte:	MDL	Units	REC WATER 03-FEB-2009 P458542	REC WATER 05-MAY-2009 P468816	REC WATER 04-AUG-2009 P481355	REC WATER 06-OCT-2009 P490617
2-chlorophenol	1.32	UG/L	ND	ND	ND	ND
2,4-dichlorophenol	1.01	UG/L	ND	ND	ND	ND
4-chloro-3-methylphenol	1.67	UG/L	ND	ND	ND	ND
2,4,6-trichlorophenol	1.65	UG/L	ND	ND	ND	ND
Pentachlorophenol	1.12	UG/L	ND	ND	ND	ND
Phenol	1.76	UG/L	ND	ND	ND	ND
2-nitrophenol	1.55	UG/L	ND	ND	ND	ND
2,4-dimethylphenol	2.01	UG/L	ND	ND	ND	ND
2,4-dinitrophenol	2.16	UG/L	ND	ND	ND	ND
4-nitrophenol	1.14	UG/L	ND	ND	ND	ND
2-methyl-4,6-dinitrophenol	1.52	UG/L	ND	ND	ND	ND
2-methylphenol	2.15	UG/L	ND	ND	ND	ND
3-methylphenol(4-MP is unresolved)		UG/L	NA	NA	NA	NA
4-methylphenol(3-MP is unresolved)	2.11	UG/L	ND	ND	ND	ND
2,4,5-trichlorophenol	1.66	UG/L	ND	ND	ND	ND
Total Chlorinated Phenols	1.67	UG/L	0.0	0.0	0.0	0.0
Total Non-Chlorinated Phenols	2.16	UG/L	0.0	0.0	0.0	0.0
Total Phenols	2.16	UG/L	0.0	0.0	0.0	0.0

SOUTH BAY WATER RECLAMATION PLANT
Priority Pollutants Purgeable Compounds, EPA Method 624 & 8260B
Annual 2009

Analyte	MDL	Units	SB_INF_02 03-FEB-2009 P458509	SB_INF_02 05-MAY-2009 P468785	SB_INF_02 04-AUG-2009 P481322	SB_INF_02 06-OCT-2009 P490586
Acrolein	1.3	UG/L	ND	ND	ND	ND
Acrylonitrile	.7	UG/L	ND	ND	ND	ND
Benzene	.4	UG/L	ND	ND	ND	ND
Bromodichloromethane	.5	UG/L	0.8	0.7	ND	ND
Bromoform	.5	UG/L	ND	ND	ND	ND
Bromomethane	.7	UG/L	ND	ND	ND	ND
Carbon tetrachloride	.4	UG/L	ND	ND	ND	ND
Chlorobenzene	.4	UG/L	ND	ND	ND	ND
Chloroethane	.9	UG/L	ND	ND	ND	ND
2-chloroethylvinyl ether	1.1	UG/L	ND	ND	ND	ND
Chloroform	.2	UG/L	3.7	3.0	2.3	1.7
Chloromethane	.5	UG/L	ND	ND	ND	ND
Dibromochloromethane	.6	UG/L	0.9	0.8	ND	ND
1,2-dichlorobenzene	.4	UG/L	ND	ND	ND	ND
1,3-dichlorobenzene	.5	UG/L	ND	ND	ND	ND
1,4-dichlorobenzene	.4	UG/L	1.1	1.5	1.2	0.8
Dichlorodifluoromethane	.66	UG/L	ND	ND	ND	ND
1,1-dichloroethane	.4	UG/L	ND	ND	ND	ND
1,2-dichloroethane	.5	UG/L	ND	ND	ND	ND
1,1-dichloroethene	.4	UG/L	ND	ND	ND	ND
trans-1,2-dichloroethene	.6	UG/L	ND	ND	ND	ND
1,2-dichloropropane	.3	UG/L	ND	ND	ND	ND
cis-1,3-dichloropropene	.3	UG/L	ND	ND	ND	ND
trans-1,3-dichloropropene	.5	UG/L	ND	ND	ND	ND
Ethylbenzene	.3	UG/L	ND	ND	ND	ND
Methylene chloride	.3	UG/L	4.09*	1.3	1.7	1.35*
1,1,2,2-tetrachloroethane	.5	UG/L	ND	ND	ND	ND
Tetrachloroethene	1.1	UG/L	ND	ND	ND	ND
Toluene	.4	UG/L	0.6	12.1	0.7	0.6
1,1,1-trichloroethane	.4	UG/L	ND	ND	ND	ND
1,1,2-trichloroethane	.5	UG/L	ND	ND	ND	ND
Trichloroethene	.7	UG/L	ND	ND	ND	ND
Trichlorofluoromethane	.3	UG/L	ND	ND	ND	ND
Vinyl chloride	.4	UG/L	ND	ND	ND	ND
Halomethane Purgeable Cmpnds	.7	UG/L	0.0	0.0	0.0	0.0
Total Dichlorobenzenes	.5	UG/L	0.0	0.0	0.0	0.0
Total Chloromethanes	.5	UG/L	3.7	4.3	4.0	1.7

Additional Analytes Determined

Purgeable Compounds	1.3	UG/L	7.1	19.4	5.9	3.1
Acetone	4.5	UG/L	279.0	200.0	292.0	176.0
Allyl chloride	.6	UG/L	ND	ND	ND	ND
Benzyl chloride	1.1	UG/L	ND	ND	ND	ND
1,2-dibromoethane	.3	UG/L	ND	ND	ND	ND
2-butanone	6.3	UG/L	ND	ND	ND	ND
Carbon disulfide	.6	UG/L	2.0	1.3	5.6	2.1
1,2,4-trichlorobenzene	.7	UG/L	ND	ND	ND	ND
Chloroprene	.4	UG/L	ND	ND	ND	ND
Isopropylbenzene	.3	UG/L	ND	ND	ND	ND
Methyl Iodide	.6	UG/L	ND	ND	ND	ND
Methyl methacrylate	.8	UG/L	ND	ND	ND	ND
4-methyl-2-pentanone	1.3	UG/L	ND	ND	ND	ND
meta,para xylenes	.6	UG/L	ND	ND	ND	ND
Methyl tert-butyl ether	.4	UG/L	ND	ND	ND	ND
2-nitropropane	12	UG/L	ND	ND	ND	ND
ortho-xylene	.4	UG/L	ND	ND	ND	ND
Styrene	.3	UG/L	ND	ND	ND	ND

ND= not detected
*= The method blanks results for Methylene Chloride were above the 0.3 UG/L MDL.

SOUTH BAY WATER RECLAMATION PLANT
Priority Pollutants Purgeable Compounds, EPA Method 624 & 8260B

Annual 2009

Analyte	MDL	Units	SB_OUTFALL_00 03-FEB-2009 P458514	SB_OUTFALL_00 05-MAY-2009 P468790	SB_OUTFALL_01 04-AUG-2009 P481327	SB_OUTFALL_01 06-OCT-2009 P490591
Acrolein	1.3	UG/L	ND	ND	ND	ND
Acrylonitrile	.7	UG/L	ND	ND	ND	ND
Benzene	.4	UG/L	ND	ND	ND	ND
Bromodichloromethane	.5	UG/L	0.6	ND	ND	ND
Bromoform	.5	UG/L	ND	ND	ND	ND
Bromomethane	.7	UG/L	ND	ND	ND	ND
Carbon tetrachloride	.4	UG/L	ND	ND	ND	ND
Chlorobenzene	.4	UG/L	ND	ND	ND	ND
Chloroethane	.9	UG/L	ND	ND	ND	ND
2-chloroethylvinyl ether	1.1	UG/L	ND	ND	ND	ND
Chloroform	.2	UG/L	1.4	0.8	0.6	0.9
Chloromethane	.5	UG/L	ND	ND	ND	ND
Dibromochloromethane	.6	UG/L	ND	ND	ND	ND
1,2-dichlorobenzene	.4	UG/L	ND	ND	ND	ND
1,3-dichlorobenzene	.5	UG/L	ND	ND	ND	ND
1,4-dichlorobenzene	.4	UG/L	ND	0.5	1.4	ND
Dichlorodifluoromethane	.66	UG/L	ND	ND	ND	ND
1,1-dichloroethane	.4	UG/L	ND	ND	ND	ND
1,2-dichloroethane	.5	UG/L	ND	ND	ND	ND
1,1-dichloroethene	.4	UG/L	ND	ND	ND	ND
trans-1,2-dichloroethene	.6	UG/L	ND	ND	ND	ND
1,2-dichloropropane	.3	UG/L	ND	ND	ND	ND
cis-1,3-dichloropropene	.3	UG/L	ND	ND	ND	ND
trans-1,3-dichloropropene	.5	UG/L	ND	ND	ND	ND
Ethylbenzene	.3	UG/L	ND	ND	ND	ND
Methylene chloride	.3	UG/L	0.67*	0.5	0.4	0.75*
1,1,2,2-tetrachloroethane	.5	UG/L	ND	ND	ND	ND
Tetrachloroethene	1.1	UG/L	ND	ND	ND	ND
Toluene	.4	UG/L	ND	ND	ND	ND
1,1,1-trichloroethane	.4	UG/L	ND	ND	ND	ND
1,1,2-trichloroethane	.5	UG/L	ND	ND	ND	ND
Trichloroethene	.7	UG/L	ND	ND	ND	ND
Trichlorofluoromethane	.3	UG/L	ND	ND	ND	ND
Vinyl chloride	.4	UG/L	ND	ND	ND	ND
Halomethane Purgeable Cmpnds	.7	UG/L	0.0	0.0	0.0	0.0
Total Dichlorobenzenes	.5	UG/L	0.0	0.0	0.0	0.0
Total Chloromethanes	.5	UG/L	1.4	1.3	1.0	0.9
Additional Analytes Determined						
Purgeable Compounds	1.3	UG/L	2.0	1.8	2.4	0.9
Acetone	4.5	UG/L	ND	ND	ND	ND
Allyl chloride	.6	UG/L	ND	ND	ND	ND
Benzyl chloride	1.1	UG/L	ND	ND	ND	ND
1,2-dibromoethane	.3	UG/L	ND	ND	ND	ND
2-butanone	6.3	UG/L	ND	ND	ND	ND
Carbon disulfide	.6	UG/L	ND	ND	ND	ND
1,2,4-trichlorobenzene	.7	UG/L	ND	ND	ND	ND
Chloroprene	.4	UG/L	ND	ND	ND	ND
Isopropylbenzene	.3	UG/L	ND	ND	ND	ND
Methyl Iodide	.6	UG/L	ND	ND	ND	ND
Methyl methacrylate	.8	UG/L	ND	ND	ND	ND
4-methyl-2-pentanone	1.3	UG/L	ND	ND	ND	ND
meta,para xylenes	.6	UG/L	ND	ND	ND	ND
Methyl tert-butyl ether	.4	UG/L	ND	ND	ND	ND
2-nitropropane	12	UG/L	ND	ND	ND	ND
ortho-xylene	.4	UG/L	ND	ND	ND	ND
Styrene	.3	UG/L	ND	ND	ND	ND

ND= not detected
*= The method blanks results for Methylene Chloride were above the 0.3 UG/L MDL.

SOUTH BAY WATER RECLAMATION PLANT
Priority Pollutants Purgeable Compounds, EPA Method 624 & 8260B

Annual 2009

Analyte	MDL	Units	SB_ITP_COMB_EFF 03-FEB-2009 P458519	SB_ITP_COMB_EFF 05-MAY-2009 P468795	SB_ITP_COMB_EFF 04-AUG-2009 P481332	SB_ITP_COMB_EFF 06-OCT-2009 P490596
Acrolein	1.3	UG/L	ND	ND	ND	ND
Acrylonitrile	.7	UG/L	ND	ND	ND	ND
Benzene	.4	UG/L	ND	ND	ND	ND
Bromodichloromethane	.5	UG/L	1.3	ND	ND	ND
Bromoform	.5	UG/L	0.8	ND	ND	ND
Bromomethane	.7	UG/L	ND	ND	ND	ND
Carbon tetrachloride	.4	UG/L	ND	ND	ND	ND
Chlorobenzene	.4	UG/L	ND	ND	ND	ND
Chloroethane	.9	UG/L	ND	ND	ND	ND
2-chloroethylvinyl ether	1.1	UG/L	ND	ND	ND	ND
Chloroform	.2	UG/L	4.1	3.0	3.0	4.0
Chloromethane	.5	UG/L	ND	ND	ND	ND
Dibromochloromethane	.6	UG/L	1.7	ND	ND	ND
1,2-dichlorobenzene	.4	UG/L	ND	ND	ND	ND
1,3-dichlorobenzene	.5	UG/L	ND	ND	ND	ND
1,4-dichlorobenzene	.4	UG/L	3.1	3.1	3.7	3.4
Dichlorodifluoromethane	.66	UG/L	ND	ND	ND	ND
1,1-dichloroethane	.4	UG/L	ND	ND	ND	ND
1,2-dichloroethane	.5	UG/L	ND	ND	ND	ND
1,1-dichloroethene	.4	UG/L	ND	ND	ND	ND
trans-1,2-dichloroethene	.6	UG/L	ND	ND	ND	ND
1,2-dichloropropane	.3	UG/L	ND	ND	ND	ND
cis-1,3-dichloropropene	.3	UG/L	ND	ND	ND	ND
trans-1,3-dichloropropene	.5	UG/L	ND	ND	ND	ND
Ethylbenzene	.3	UG/L	0.4	0.7	0.3	2.3
Methylene chloride	.3	UG/L	1.37*	1.5	2.2	2.61*
1,1,2,2-tetrachloroethane	.5	UG/L	ND	ND	ND	ND
Tetrachloroethene	1.1	UG/L	ND	ND	ND	ND
Toluene	.4	UG/L	7.1	9.6	149.0	173.0
1,1,1-trichloroethane	.4	UG/L	ND	ND	ND	ND
1,1,2-trichloroethane	.5	UG/L	ND	ND	ND	ND
Trichloroethene	.7	UG/L	ND	ND	ND	ND
Trichlorofluoromethane	.3	UG/L	ND	ND	ND	ND
Vinyl chloride	.4	UG/L	ND	ND	ND	ND
Halomethane Purgeable Cmpnds	.7	UG/L	0.8	0.0	0.0	0.0
Total Dichlorobenzenes	.5	UG/L	0.0	0.0	0.0	0.0
Total Chloromethanes	.5	UG/L	4.1	4.5	5.2	4.0
Additional Analytes Determined						
Purgeable Compounds	1.3	UG/L	18.5	17.9	158	182
Acetone	4.5	UG/L	253	389	388	2050
Allyl chloride	.6	UG/L	ND	ND	ND	ND
Benzyl chloride	1.1	UG/L	ND	ND	ND	ND
1,2-dibromoethane	.3	UG/L	ND	ND	ND	ND
2-butanone	6.3	UG/L	ND	7.4	10.2	64.7
Carbon disulfide	.6	UG/L	1.4	1.1	2.0	2.0
1,2,4-trichlorobenzene	.7	UG/L	ND	ND	ND	ND
Chloroprene	.4	UG/L	ND	ND	ND	ND
Isopropylbenzene	.3	UG/L	ND	ND	ND	ND
Methyl Iodide	.6	UG/L	ND	ND	ND	ND
Methyl methacrylate	.8	UG/L	ND	ND	ND	ND
4-methyl-2-pentanone	1.3	UG/L	3.8	3.5	3.7	70.4
meta,para xylenes	.6	UG/L	1.7	2.8	1.3	11.8
Methyl tert-butyl ether	.4	UG/L	ND	0.4	ND	ND
2-nitropropane	12	UG/L	ND	ND	ND	ND
ortho-xylene	.4	UG/L	1.0	1.7	0.8	7.7
Styrene	.3	UG/L	ND	ND	ND	ND

ND= not detected
*= The method blanks results for Methylene Chloride were above the 0.3 UG/L MDL.

SOUTH BAY WATER RECLAMATION PLANT
Priority Pollutants Purgeable Compounds, EPA Method 624 & 8260B

Annual 2009

Analyte	MDL	Units	SB_PRIEFF_10 03-FEB-2009 P458524	SB_PRIEFF_10 05-MAY-2009 P468800	SB_PRIEFF_10 04-AUG-2009 P481337	SB_PRIEFF_10 06-OCT-2009 P490601
Acrolein	1.3	UG/L	ND	ND	ND	ND
Acrylonitrile	.7	UG/L	ND	ND	ND	ND
Benzene	.4	UG/L	ND	ND	ND	ND
Bromodichloromethane	.5	UG/L	0.7	ND	ND	ND
Bromoform	.5	UG/L	0.6	ND	ND	ND
Bromomethane	.7	UG/L	ND	ND	ND	ND
Carbon tetrachloride	.4	UG/L	ND	ND	ND	ND
Chlorobenzene	.4	UG/L	ND	ND	ND	ND
Chloroethane	.9	UG/L	ND	ND	ND	ND
2-chloroethylvinyl ether	1.1	UG/L	ND	ND	ND	ND
Chloroform	.2	UG/L	3.1	1.9	3.5	1.2
Chloromethane	.5	UG/L	ND	ND	ND	ND
Dibromochloromethane	.6	UG/L	0.8	ND	ND	ND
1,2-dichlorobenzene	.4	UG/L	ND	ND	ND	ND
1,3-dichlorobenzene	.5	UG/L	ND	ND	ND	ND
1,4-dichlorobenzene	.4	UG/L	0.8	0.9	0.7	ND
Dichlorodifluoromethane	.66	UG/L	ND	ND	ND	ND
1,1-dichloroethane	.4	UG/L	ND	ND	ND	ND
1,2-dichloroethane	.5	UG/L	ND	ND	ND	ND
1,1-dichloroethene	.4	UG/L	ND	ND	ND	ND
trans-1,2-dichloroethene	.6	UG/L	ND	ND	ND	ND
1,2-dichloropropane	.3	UG/L	ND	ND	ND	ND
cis-1,3-dichloropropene	.3	UG/L	ND	ND	ND	ND
trans-1,3-dichloropropene	.5	UG/L	ND	ND	ND	ND
Ethylbenzene	.3	UG/L	ND	ND	ND	ND
Methylene chloride	.3	UG/L	1.64*	0.9	1.3	16.2
1,1,2,2-tetrachloroethane	.5	UG/L	ND	ND	ND	ND
Tetrachloroethene	1.1	UG/L	ND	ND	ND	ND
Toluene	.4	UG/L	0.6	0.8	0.5	0.6
1,1,1-trichloroethane	.4	UG/L	ND	ND	ND	ND
1,1,2-trichloroethane	.5	UG/L	ND	ND	ND	ND
Trichloroethene	.7	UG/L	ND	ND	ND	ND
Trichlorofluoromethane	.3	UG/L	ND	ND	ND	ND
Vinyl chloride	.4	UG/L	ND	ND	ND	ND
Halomethane Purgeable Cmpnds	.7	UG/L	0.6	0.0	0.0	0.0
Total Dichlorobenzenes	.5	UG/L	0.0	0.0	0.0	0.0
Total Chloromethanes	.5	UG/L	3.1	2.8	4.8	17.4
Additional Analytes Determined						
Purgeable Compounds	1.3	UG/L	6.6	4.5	6.0	18.0
Acetone	4.5	UG/L	288	449	246	369
Allyl chloride	.6	UG/L	ND	ND	ND	ND
Benzyl chloride	1.1	UG/L	ND	ND	ND	ND
1,2-dibromoethane	.3	UG/L	ND	ND	ND	ND
2-butanone	6.3	UG/L	6.7	ND	7.1	ND
Carbon disulfide	.6	UG/L	4.1	2.4	3.0	1.9
1,2,4-trichlorobenzene	.7	UG/L	ND	ND	ND	ND
Chloroprene	.4	UG/L	ND	ND	ND	ND
Isopropylbenzene	.3	UG/L	ND	ND	ND	ND
Methyl Iodide	.6	UG/L	ND	ND	ND	ND
Methyl methacrylate	.8	UG/L	ND	ND	ND	ND
4-methyl-2-pentanone	1.3	UG/L	ND	ND	ND	ND
meta,para xylenes	.6	UG/L	ND	ND	ND	ND
Methyl tert-butyl ether	.4	UG/L	ND	ND	ND	ND
2-nitropropane	12	UG/L	ND	ND	ND	ND
ortho-xylene	.4	UG/L	ND	ND	ND	ND
Styrene	.3	UG/L	ND	ND	ND	ND

ND= not detected
*= The method blanks results for Methylene Chloride were above the 0.3 UG/L MDL.

SOUTH BAY WATER RECLAMATION PLANT
Priority Pollutants Purgeable Compounds, EPA Method 624 & 8260B

Annual 2009

Analyte	MDL	Units	SB_SEC_EFF_20 03-FEB-2009 P458529	SB_SEC_EFF_20 05-MAY-2009 P468805	SB_SEC_EFF_20 04-AUG-2009 P481342	SB_SEC_EFF_20 06-OCT-2009 P490606
Acrolein	1.3	UG/L	ND	ND	ND	ND
Acrylonitrile	.7	UG/L	ND	ND	ND	ND
Benzene	.4	UG/L	ND	ND	ND	ND
Bromodichloromethane	.5	UG/L	ND	ND	ND	ND
Bromoform	.5	UG/L	0.6	ND	ND	ND
Bromomethane	.7	UG/L	ND	ND	ND	ND
Carbon tetrachloride	.4	UG/L	ND	ND	ND	ND
Chlorobenzene	.4	UG/L	ND	ND	ND	ND
Chloroethane	.9	UG/L	ND	ND	ND	ND
2-chloroethylvinyl ether	1.1	UG/L	ND	ND	ND	ND
Chloroform	.2	UG/L	1.1	0.8	0.6	0.7
Chloromethane	.5	UG/L	ND	ND	ND	ND
Dibromochloromethane	.6	UG/L	ND	ND	ND	ND
1,2-dichlorobenzene	.4	UG/L	ND	ND	ND	ND
1,3-dichlorobenzene	.5	UG/L	ND	ND	ND	ND
1,4-dichlorobenzene	.4	UG/L	ND	0.6	<0.4	ND
Dichlorodifluoromethane	.66	UG/L	ND	ND	ND	ND
1,1-dichloroethane	.4	UG/L	ND	ND	ND	ND
1,2-dichloroethane	.5	UG/L	ND	ND	ND	ND
1,1-dichloroethene	.4	UG/L	ND	ND	ND	ND
trans-1,2-dichloroethene	.6	UG/L	ND	ND	ND	ND
1,2-dichloropropane	.3	UG/L	ND	ND	ND	ND
cis-1,3-dichloropropene	.3	UG/L	ND	ND	ND	ND
trans-1,3-dichloropropene	.5	UG/L	ND	ND	ND	ND
Ethylbenzene	.3	UG/L	ND	ND	ND	ND
Methylene chloride	.3	UG/L	0.6*	0.5	0.4	0.72*
1,1,2,2-tetrachloroethane	.5	UG/L	ND	ND	ND	ND
Tetrachloroethene	1.1	UG/L	ND	ND	ND	ND
Toluene	.4	UG/L	ND	ND	ND	ND
1,1,1-trichloroethane	.4	UG/L	ND	ND	ND	ND
1,1,2-trichloroethane	.5	UG/L	ND	ND	ND	ND
Trichloroethene	.7	UG/L	ND	ND	ND	ND
Trichlorofluoromethane	.3	UG/L	ND	ND	ND	ND
Vinyl chloride	.4	UG/L	ND	ND	ND	ND
Halomethane Purgeable Cmpnds	.7	UG/L	0.6	0.0	0.0	0.0
Total Dichlorobenzenes	.5	UG/L	0.0	0.0	0.0	0.0
Total Chloromethanes	.5	UG/L	1.1	1.3	1.0	0.7
Additional Analytes Determined						
Purgeable Compounds	1.3	UG/L	1.7	1.9	1.0	0.7
Acetone	4.5	UG/L	ND	ND	ND	ND
Allyl chloride	.6	UG/L	ND	ND	ND	ND
Benzyl chloride	1.1	UG/L	ND	ND	ND	ND
1,2-dibromoethane	.3	UG/L	ND	ND	ND	ND
2-butanone	6.3	UG/L	ND	ND	ND	ND
Carbon disulfide	.6	UG/L	ND	ND	ND	ND
1,2,4-trichlorobenzene	.7	UG/L	ND	ND	ND	ND
Chloroprene	.4	UG/L	ND	ND	ND	ND
Isopropylbenzene	.3	UG/L	ND	ND	ND	ND
Methyl Iodide	.6	UG/L	ND	ND	ND	ND
Methyl methacrylate	.8	UG/L	ND	ND	ND	ND
4-methyl-2-pentanone	1.3	UG/L	ND	ND	ND	ND
meta,para xylenes	.6	UG/L	ND	ND	ND	ND
Methyl tert-butyl ether	.4	UG/L	ND	ND	ND	ND
2-nitropropane	12	UG/L	ND	ND	ND	ND
ortho-xylene	.4	UG/L	ND	ND	ND	ND
Styrene	.3	UG/L	ND	ND	ND	ND

ND= not detected
*= The method blanks results for Methylene Chloride were above the 0.3 UG/L MDL.

SOUTH BAY WATER RECLAMATION PLANT
Priority Pollutants Purgeable Compounds, EPA Method 624 & 8260B

Annual 2009

Analyte	MDL	Units	SB_REC_WATER_34 03-FEB-2009 P458545	SB_REC_WATER_34 05-MAY-2009 P468819	SB_REC_WATER_34 04-AUG-2009 P481358	SB_REC_WATER_34 06-OCT-2009 P490620
Acrolein	1.3	UG/L	ND	ND	ND	ND
Acrylonitrile	.7	UG/L	ND	ND	ND	ND
Benzene	.4	UG/L	ND	ND	ND	ND
Bromodichloromethane	.5	UG/L	8.9	3.8	10.9	11.3
Bromoform	.5	UG/L	0.9	ND	ND	ND
Bromomethane	.7	UG/L	ND	ND	ND	ND
Carbon tetrachloride	.4	UG/L	ND	ND	ND	ND
Chlorobenzene	.4	UG/L	ND	ND	ND	ND
Chloroethane	.9	UG/L	ND	ND	ND	ND
2-chloroethylvinyl ether	1.1	UG/L	ND	ND	ND	ND
Chloroform	.2	UG/L	11.6	7.0	19.3	22.0
Chloromethane	.5	UG/L	0.6	ND	<0.5	ND
Dibromochloromethane	.6	UG/L	5.2	1.7	4.6	4.3
1,2-dichlorobenzene	.4	UG/L	ND	ND	ND	ND
1,3-dichlorobenzene	.5	UG/L	ND	ND	ND	ND
1,4-dichlorobenzene	.4	UG/L	ND	ND	ND	ND
Dichlorodifluoromethane	.66	UG/L	ND	ND	ND	ND
1,1-dichloroethane	.4	UG/L	ND	ND	ND	ND
1,2-dichloroethane	.5	UG/L	ND	ND	ND	ND
1,1-dichloroethene	.4	UG/L	ND	ND	ND	ND
trans-1,2-dichloroethene	.6	UG/L	ND	ND	ND	ND
1,2-dichloropropane	.3	UG/L	ND	ND	ND	ND
cis-1,3-dichloropropene	.3	UG/L	ND	ND	ND	ND
trans-1,3-dichloropropene	.5	UG/L	ND	ND	ND	ND
Ethylbenzene	.3	UG/L	ND	ND	ND	ND
Methylene chloride	.3	UG/L	0.88*	0.6	0.6	0.78*
1,1,2,2-tetrachloroethane	.5	UG/L	ND	ND	ND	ND
Tetrachloroethene	1.1	UG/L	ND	ND	ND	ND
Toluene	.4	UG/L	ND	ND	ND	ND
1,1,1-trichloroethane	.4	UG/L	ND	ND	ND	ND
1,1,2-trichloroethane	.5	UG/L	ND	ND	ND	ND
Trichloroethene	.7	UG/L	ND	ND	ND	ND
Trichlorofluoromethane	.3	UG/L	ND	ND	ND	ND
Vinyl chloride	.4	UG/L	ND	ND	ND	ND
Halomethane Purgeable Cmpnds	.7	UG/L	1.5	0.0	0.0	0.0
Total Dichlorobenzenes	.5	UG/L	0.0	0.0	0.0	0.0
Total Chloromethanes	.5	UG/L	12.2	7.6	19.9	22.0
Additional Analytes Determined						
Purgeable Compounds	1.3	UG/L	27.2	13.1	35.4	37.6
Acetone	4.5	UG/L	6.3	5.3	ND	6.0
Allyl chloride	.6	UG/L	ND	ND	ND	ND
Benzyl chloride	1.1	UG/L	ND	ND	ND	ND
1,2-dibromoethane	.3	UG/L	ND	ND	ND	ND
2-butanone	6.3	UG/L	ND	ND	ND	ND
Carbon disulfide	.6	UG/L	ND	ND	ND	ND
1,2,4-trichlorobenzene	.7	UG/L	ND	ND	ND	ND
Chloroprene	.4	UG/L	ND	ND	ND	ND
Isopropylbenzene	.3	UG/L	ND	ND	ND	ND
Methyl Iodide	.6	UG/L	ND	ND	ND	ND
Methyl methacrylate	.8	UG/L	ND	ND	ND	ND
4-methyl-2-pentanone	1.3	UG/L	ND	ND	ND	ND
meta,para xylenes	.6	UG/L	ND	ND	ND	ND
Methyl tert-butyl ether	.4	UG/L	ND	ND	ND	ND
2-nitropropane	12	UG/L	ND	ND	ND	ND
ortho-xylene	.4	UG/L	ND	ND	ND	ND
Styrene	.3	UG/L	ND	ND	ND	ND

ND= not detected
*= The method blanks results for Methylene Chloride were above the 0.3 UG/L MDL.

SOUTH BAY WATER RECLAMATION PLANT
Priority Pollutants Purgeable Compounds, EPA Method 624 & 8260B

Annual 2009

Analyte	MDL	Units	SB_RSL_10_B 05-MAY-2009 P468814	SB_RSL_10_B 04-AUG-2009 P481353	SB_RSL_10_B 06-OCT-2009 P490615
Acrolein	1.3	UG/L	ND	ND	ND
Acrylonitrile	.7	UG/L	ND	ND	ND
Benzene	.4	UG/L	ND	ND	ND
Bromodichloromethane	.5	UG/L	ND	ND	ND
Bromoform	.5	UG/L	ND	ND	ND
Bromomethane	.7	UG/L	ND	ND	ND
Carbon tetrachloride	.4	UG/L	ND	ND	ND
Chlorobenzene	.4	UG/L	ND	ND	ND
Chloroethane	.9	UG/L	ND	ND	ND
2-chloroethylvinyl ether	1.1	UG/L	ND	ND	ND
Chloroform	.2	UG/L	3.5	2.5	2.1
Chloromethane	.5	UG/L	ND	ND	ND
Dibromochloromethane	.6	UG/L	ND	ND	ND
1,2-dichlorobenzene	.4	UG/L	ND	ND	ND
1,3-dichlorobenzene	.5	UG/L	ND	ND	ND
1,4-dichlorobenzene	.4	UG/L	2.17^	1.84^	2.0
Dichlorodifluoromethane	.66	UG/L	ND	ND	ND
1,1-dichloroethane	.4	UG/L	ND	ND	ND
1,2-dichloroethane	.5	UG/L	ND	ND	ND
1,1-dichloroethene	.4	UG/L	ND	ND	ND
trans-1,2-dichloroethene	.6	UG/L	ND	ND	ND
1,2-dichloropropane	.3	UG/L	ND	ND	ND
cis-1,3-dichloropropene	.3	UG/L	ND	ND	ND
trans-1,3-dichloropropene	.5	UG/L	ND	ND	ND
Ethylbenzene	.3	UG/L	ND	ND	ND
Methylene chloride	.3	UG/L	2.0	2.7	7.5*
1,1,2,2-tetrachloroethane	.5	UG/L	ND	ND	ND
Tetrachloroethene	1.1	UG/L	ND	ND	ND
Toluene	.4	UG/L	7.8	1.3	1.4
1,1,1-trichloroethane	.4	UG/L	ND	ND	ND
1,1,2-trichloroethane	.5	UG/L	ND	ND	ND
Trichloroethene	.7	UG/L	ND	ND	ND
Trichlorofluoromethane	.3	UG/L	ND	ND	ND
Vinyl chloride	.4	UG/L	ND	ND	ND
Halomethane Purgeable Cmpnds	.7	UG/L	0.0	0.0	0.0
Total Dichlorobenzenes	.5	UG/L	0.0	0.0	0.0
Total Chloromethanes	.5	UG/L	5.5	5.2	2.1
Additional Analytes Determined					
Purgeable Compounds	1.3	UG/L	13.3	6.5	5.5
Acetone	4.5	UG/L	171	234	332
Allyl chloride	.6	UG/L	ND	ND	ND
Benzyl chloride	1.1	UG/L	ND	ND	ND
1,2-dibromoethane	.3	UG/L	ND	ND	ND
2-butanone	6.3	UG/L	ND	6.9	6.8
Carbon disulfide	.6	UG/L	1.7	4.1	2.5
1,2,4-trichlorobenzene	.7	UG/L	ND	ND	ND
Chloroprene	.4	UG/L	ND	ND	ND
Isopropylbenzene	.3	UG/L	ND	ND	ND
Methyl Iodide	.6	UG/L	ND	ND	ND
Methyl methacrylate	.8	UG/L	ND	ND	ND
4-methyl-2-pentanone	1.3	UG/L	ND	ND	ND
meta,para xylenes	.6	UG/L	ND	0.7	ND
Methyl tert-butyl ether	.4	UG/L	ND	ND	ND
2-nitropropane	12	UG/L	ND	ND	ND
ortho-xylene	.4	UG/L	ND	ND	ND
Styrene	.3	UG/L	ND	ND	ND

^=The method blanks results for 1,4-dichlorobenzene were above the 0.4 UG/L MDL.
*=The method blanks results for Methylene Chloride were above the 0.3 UG/L MDL.

SOUTH BAY WATER RECLAMATION PLANT
Priority Pollutants Purgeable Compounds, EPA Method 624 & 8260B

Annual 2009

Analyte	MDL	Units	SB_RSL_10_B 03-FEB-2009 P458540
Acrolein	6.4	UG/KG	ND
Acrylonitrile	3.9	UG/KG	ND
Benzene	2.1	UG/KG	ND
Bromodichloromethane	2.2	UG/KG	ND
Bromoform	2.4	UG/KG	ND
Bromomethane	6.9	UG/KG	ND
Carbon tetrachloride	3	UG/KG	ND
Chlorobenzene	1	UG/KG	ND
Chloroethane	3.6	UG/KG	ND
2-chloroethylvinyl ether	5.5	UG/KG	ND
Chloroform	2.3	UG/KG	305
Chloromethane	3.4	UG/KG	ND
Dibromochloromethane	2.4	UG/KG	ND
Dichlorodifluoromethane		UG/KG	ND
1,1-dichloroethane	1.9	UG/KG	ND
1,2-dichloroethane	3.6	UG/KG	ND
1,1-dichloroethene	5	UG/KG	ND
trans-1,2-dichloroethene	3.5	UG/KG	ND
1,2-dichloropropane	2.6	UG/KG	ND
cis-1,3-dichloropropene	2.5	UG/KG	ND
trans-1,3-dichloropropene	2.1	UG/KG	ND
Ethylbenzene	1.4	UG/KG	83.4
Methylene chloride	3.5	UG/KG	1230
1,1,2,2-tetrachloroethane	5.9	UG/KG	ND
Tetrachloroethene	2.8	UG/KG	ND
Toluene	1.2	UG/KG	257
1,1,1-trichloroethane	3.2	UG/KG	ND
1,1,2-trichloroethane	2.8	UG/KG	ND
Trichloroethene	2.6	UG/KG	ND
Trichlorofluoromethane	2.2	UG/KG	ND
Vinyl chloride	4.8	UG/KG	ND
Halomethane Purgeable Cmpnds	6.9	UG/KG	0.0
Total Chloromethanes	3.5	UG/KG	1535
Purgeable Compounds	6.9	UG/KG	1875
Acetone	31.4	UG/KG	15500
Allyl chloride	3.6	UG/KG	ND
Benzyl chloride	4.3	UG/KG	ND
1,2-dibromoethane	2.5	UG/KG	ND
2-butanone	36.3	UG/KG	690
Carbon disulfide	4.7	UG/KG	328
1,2,4-trichlorobenzene	2.5	UG/KG	47.4
Chloroprene	3.1	UG/KG	ND
Isopropylbenzene	1.3	UG/KG	52.2
Methyl Iodide	3.8	UG/KG	ND
Methyl methacrylate	2.4	UG/KG	225
4-methyl-2-pentanone	9.7	UG/KG	ND
meta,para xylenes	4.2	UG/KG	313
Methyl tert-butyl ether	3.4	UG/KG	ND
2-nitropropane	45.8	UG/KG	ND
ortho-xylene	1.9	UG/KG	ND
Styrene	1.7	UG/KG	47.4

ND= not detected

SOUTH BAY WATER RECLAMATION PLANT
Tributyl Tin Analysis

Annual 2009

Analyte	MDL	Units	INFLUENT P458506 03-FEB-2009	INFLUENT P468782 05-MAY-2009	INFLUENT P481319 04-AUG-2009	INFLUENT P490583 06-OCT-2009	EFFLUENT P458511 03-FEB-2009	EFFLUENT P468787 05-MAY-2009	EFFLUENT P481324 04-AUG-2009
Dibutyltin	7	UG/L	ND	ND	ND	ND	ND	ND	ND
Monobutyltin	16	UG/L	ND	ND	ND	ND	ND	ND	ND
Tributyltin	2	UG/L	ND	ND	ND	ND	ND	ND	ND

Analyte	MDL	Units	EFFLUENT P490588 06-OCT-2009	COMB EFF P458516 03-FEB-2009	COMB EFF P468792 05-MAY-2009	COMB EFF P481329 04-AUG-2009	COMB EFF P490593 06-OCT-2009	PRI EFF P458521 03-FEB-2009	PRI EFF P468797 05-MAY-2009
Dibutyltin	7	UG/L	ND	ND	ND	ND	ND	ND	ND
Monobutyltin	16	UG/L	ND	ND	ND	ND	ND	ND	ND
Tributyltin	2	UG/L	ND	ND	ND	ND	ND	ND	ND

Analyte	MDL	Units	PRI EFF P481334 04-AUG-2009	PRI EFF P490598 06-OCT-2009	SEC EFF P458526 03-FEB-2009	SEC EFF P468802 05-MAY-2009	SEC EFF P481339 04-AUG-2009	SEC EFF P490603 06-OCT-2009
Dibutyltin	7	UG/L	ND	ND	ND	ND	ND	ND
Monobutyltin	16	UG/L	ND	ND	ND	ND	ND	ND
Tributyltin	2	UG/L	ND	ND	ND	ND	ND	ND

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

ND=not detected

SOUTH BAY WATER RECLAMATION PLANT
Dioxin and Furan Analysis

Annual 2009

Analytes	MDL	Units	Equiv.	INFLUENT 03-FEB-2009 P458506	INFLUENT TCDD 03-FEB-2009 P458506	EFFLUENT 03-FEB-2009 P458511	EFFLUENT TCDD 03-FEB-2009 P458511	INFLUENT 05-MAY-2009 P468782	INFLUENT TCDD 05-MAY-2009 P468782
2,3,7,8-tetra CDD	125	PG/L	1.000	ND	ND	ND	ND	ND	ND
1,2,3,7,8-penta CDD	123	PG/L	0.500	ND	ND	ND	ND	ND	ND
1,2,3,4,7,8_hexa_CDD	113	PG/L	0.100	ND	ND	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDD	98	PG/L	0.100	ND	ND	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDD	111	PG/L	0.100	ND	ND	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDD	137	PG/L	0.010	ND	ND	ND	ND	ND	ND
octa CDD	247	PG/L	0.001	ND	ND	ND	ND	ND	ND
2,3,7,8-tetra CDF	115	PG/L	0.100	ND	ND	ND	ND	ND	ND
1,2,3,7,8-penta CDF	140	PG/L	0.050	ND	ND	ND	ND	ND	ND
2,3,4,7,8-penta CDF	118	PG/L	0.050	ND	ND	ND	ND	ND	ND
1,2,3,4,7,8-hexa CDF	147	PG/L	0.100	ND	ND	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDF	107	PG/L	0.100	ND	ND	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDF	152	PG/L	0.100	ND	ND	ND	ND	ND	ND
2,3,4,6,7,8-hexa CDF	148	PG/L	0.100	ND	ND	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDF	90	PG/L	0.010	ND	ND	ND	ND	ND	ND
1,2,3,4,7,8,9-hepta CDF	166	PG/L	0.010	ND	ND	ND	ND	ND	ND
octa CDF	222	PG/L	0.001	ND	ND	ND	ND	ND	ND

Analytes	MDL	Units	Equiv.	EFFLUENT 05-MAY-2009 P468787	EFFLUENT TCDD 05-MAY-2009 P468787	INFLUENT 04-AUG-2009 P481319	INFLUENT TCDD 04-AUG-2009 P481319	EFFLUENT 04-AUG-2009 P481324	EFFLUENT TCDD 04-AUG-2009 P481324
2,3,7,8-tetra CDD	125	PG/L	1.000	ND	ND	ND	ND	ND	ND
1,2,3,7,8-penta CDD	123	PG/L	0.500	ND	ND	ND	ND	ND	ND
1,2,3,4,7,8_hexa_CDD	113	PG/L	0.100	ND	ND	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDD	98	PG/L	0.100	ND	ND	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDD	111	PG/L	0.100	ND	ND	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDD	137	PG/L	0.010	ND	ND	ND	ND	ND	ND
octa CDD	247	PG/L	0.001	ND	ND	ND	ND	ND	ND
2,3,7,8-tetra CDF	115	PG/L	0.100	ND	ND	ND	ND	ND	ND
1,2,3,7,8-penta CDF	140	PG/L	0.050	ND	ND	ND	ND	ND	ND
2,3,4,7,8-penta CDF	118	PG/L	0.050	ND	ND	ND	ND	ND	ND
1,2,3,4,7,8-hexa CDF	147	PG/L	0.100	ND	ND	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDF	107	PG/L	0.100	ND	ND	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDF	152	PG/L	0.100	ND	ND	ND	ND	ND	ND
2,3,4,6,7,8-hexa CDF	148	PG/L	0.100	ND	ND	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDF	90	PG/L	0.010	ND	ND	ND	ND	ND	ND
1,2,3,4,7,8,9-hepta CDF	166	PG/L	0.010	ND	ND	ND	ND	ND	ND
octa CDF	222	PG/L	0.001	ND	ND	ND	ND	ND	ND

Above are permit required CDD/CDF isomers.
ND= not detected
NA= not analyzed
NS= not sampled

SOUTH BAY WATER RECLAMATION PLANT
Dioxin and Furan Analysis

Annual 2009

Analytes	MDL	Units	Equiv.	INFLUENT 06-OCT-2009 P490583	INFLUENT TCDD 06-OCT-2009 P490583	EFFLUENT 06-OCT-2009 P490588	EFFLUENT TCDD 06-OCT-2009 P490588
2,3,7,8-tetra CDD	125	PG/L	1.000	ND	ND	ND	ND
1,2,3,7,8-penta CDD	123	PG/L	0.500	ND	ND	ND	ND
1,2,3,4,7,8_hexa_CDD	113	PG/L	0.100	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDD	98	PG/L	0.100	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDD	111	PG/L	0.100	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDD	137	PG/L	0.010	ND	ND	ND	ND
octa CDD	247	PG/L	0.001	ND	ND	ND	ND
2,3,7,8-tetra CDF	115	PG/L	0.100	ND	ND	ND	ND
1,2,3,7,8-penta CDF	140	PG/L	0.050	ND	ND	ND	ND
2,3,4,7,8-penta CDF	118	PG/L	0.050	ND	ND	ND	ND
1,2,3,4,7,8-hexa CDF	147	PG/L	0.100	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDF	107	PG/L	0.100	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDF	152	PG/L	0.100	ND	ND	ND	ND
2,3,4,6,7,8-hexa CDF	148	PG/L	0.100	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDF	90	PG/L	0.010	ND	ND	ND	ND
1,2,3,4,7,8,9-hepta CDF	166	PG/L	0.010	ND	ND	ND	ND
octa CDF	222	PG/L	0.001	ND	ND	ND	ND

Analytes	MDL	Units	Equiv.	COMB EFF 03-FEB-2009 P458516	COMB EFF TCDD 03-FEB-2009 P458516	PRIMARY EFF 03-FEB-2009 P458521	PRIMARY EFF TCDD 03-FEB-2009 P458521	COMB EFF 05-MAY-2009 P468792	COMB EFF TCDD 05-MAY-2009 P468792
2,3,7,8-tetra CDD	125	PG/L	1.000	ND	ND	ND	ND	ND	ND
1,2,3,7,8-penta CDD	123	PG/L	0.500	ND	ND	ND	ND	ND	ND
1,2,3,4,7,8_hexa_CDD	113	PG/L	0.100	ND	ND	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDD	98	PG/L	0.100	ND	ND	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDD	111	PG/L	0.100	ND	ND	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDD	137	PG/L	0.010	ND	ND	ND	ND	ND	ND
octa CDD	247	PG/L	0.001	ND	ND	ND	ND	ND	ND
2,3,7,8-tetra CDF	115	PG/L	0.100	ND	ND	ND	ND	ND	ND
1,2,3,7,8-penta CDF	140	PG/L	0.050	ND	ND	ND	ND	ND	ND
2,3,4,7,8-penta CDF	118	PG/L	0.050	ND	ND	ND	ND	ND	ND
1,2,3,4,7,8-hexa CDF	147	PG/L	0.100	ND	ND	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDF	107	PG/L	0.100	ND	ND	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDF	152	PG/L	0.100	ND	ND	ND	ND	ND	ND
2,3,4,6,7,8-hexa CDF	148	PG/L	0.100	ND	ND	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDF	90	PG/L	0.010	ND	ND	ND	ND	ND	ND
1,2,3,4,7,8,9-hepta CDF	166	PG/L	0.010	ND	ND	ND	ND	ND	ND
octa CDF	222	PG/L	0.001	ND	ND	ND	ND	ND	ND

Above are permit required CDD/CDF isomers.
ND= not detected
NA= not analyzed
NS= not sampled

SOUTH BAY WATER RECLAMATION PLANT
Dioxin and Furan Analysis

Annual 2009

Analytes	MDL	Units	Equiv.	PRIMARY EFF 05-MAY-2009 P468797	PRIMARY EFF TCDD 05-MAY-2009 P468797	COMB EFF 04-AUG-2009 P481329	COMB EFF TCDD 04-AUG-2009 P481329	PRIMARY EFF 04-AUG-2009 P481334	PRIMARY EFF TCDD 04-AUG-2009 P481334
2,3,7,8-tetra CDD	125	PG/L	1.000	ND	ND	ND	ND	ND	ND
1,2,3,7,8-penta CDD	123	PG/L	0.500	ND	ND	ND	ND	ND	ND
1,2,3,4,7,8_hexa_CDD	113	PG/L	0.100	ND	ND	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDD	98	PG/L	0.100	ND	ND	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDD	111	PG/L	0.100	ND	ND	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDD	137	PG/L	0.010	ND	ND	ND	ND	ND	ND
octa CDD	247	PG/L	0.001	ND	ND	ND	ND	ND	ND
2,3,7,8-tetra CDF	115	PG/L	0.100	ND	ND	ND	ND	ND	ND
1,2,3,7,8-penta CDF	140	PG/L	0.050	ND	ND	ND	ND	ND	ND
2,3,4,7,8-penta CDF	118	PG/L	0.050	ND	ND	ND	ND	ND	ND
1,2,3,4,7,8-hexa CDF	147	PG/L	0.100	ND	ND	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDF	107	PG/L	0.100	ND	ND	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDF	152	PG/L	0.100	ND	ND	ND	ND	ND	ND
2,3,4,6,7,8-hexa CDF	148	PG/L	0.100	ND	ND	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDF	90	PG/L	0.010	ND	ND	ND	ND	ND	ND
1,2,3,4,7,8,9-hepta CDF	166	PG/L	0.010	ND	ND	ND	ND	ND	ND
octa CDF	222	PG/L	0.001	ND	ND	ND	ND	ND	ND

Analytes	MDL	Units	Equiv.	COMB EFF 06-OCT-2009 P490593	COMB EFF TCDD 06-OCT-2009 P490593	PRIMARY EFF 06-OCT-2009 P490598	PRIMARY EFF TCDD 06-OCT-2009 P490598
2,3,7,8-tetra CDD	125	PG/L	1.000	ND	ND	ND	ND
1,2,3,7,8-penta CDD	123	PG/L	0.500	ND	ND	ND	ND
1,2,3,4,7,8_hexa_CDD	113	PG/L	0.100	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDD	98	PG/L	0.100	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDD	111	PG/L	0.100	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDD	137	PG/L	0.010	ND	ND	ND	ND
octa CDD	247	PG/L	0.001	ND	ND	ND	ND
2,3,7,8-tetra CDF	115	PG/L	0.100	ND	ND	ND	ND
1,2,3,7,8-penta CDF	140	PG/L	0.050	ND	ND	ND	ND
2,3,4,7,8-penta CDF	118	PG/L	0.050	ND	ND	ND	ND
1,2,3,4,7,8-hexa CDF	147	PG/L	0.100	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDF	107	PG/L	0.100	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDF	152	PG/L	0.100	ND	ND	ND	ND
2,3,4,6,7,8-hexa CDF	148	PG/L	0.100	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDF	90	PG/L	0.010	ND	ND	ND	ND
1,2,3,4,7,8,9-hepta CDF	166	PG/L	0.010	ND	ND	ND	ND
octa CDF	222	PG/L	0.001	ND	ND	ND	ND

Above are permit required CDD/CDF isomers.
ND= not detected
NA= not analyzed
NS= not sampled

SOUTH BAY WATER RECLAMATION PLANT
Dioxin and Furan Analysis

Annual 2009

Analytes	MDL	Units	Equiv.	SEC EFF TCDD 03-FEB-2009 P458526	SEC EFF TCDD 03-FEB-2009 P458526	SEC EFF TCDD 05-MAY-2009 P468802	SEC EFF TCDD 05-MAY-2009 P468802	SEC EFF TCDD 04-AUG-2009 P481339	SEC EFF TCDD 04-AUG-2009 P481339
2,3,7,8-tetra CDD	125	PG/L	1.000	ND	ND	ND	ND	ND	ND
1,2,3,7,8-penta CDD	123	PG/L	0.500	ND	ND	ND	ND	ND	ND
1,2,3,4,7,8_hexa_CDD	113	PG/L	0.100	ND	ND	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDD	98	PG/L	0.100	ND	ND	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDD	111	PG/L	0.100	ND	ND	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDD	137	PG/L	0.010	ND	ND	ND	ND	ND	ND
octa CDD	247	PG/L	0.001	ND	ND	ND	ND	ND	ND
2,3,7,8-tetra CDF	115	PG/L	0.100	ND	ND	ND	ND	ND	ND
1,2,3,7,8-penta CDF	140	PG/L	0.050	ND	ND	ND	ND	ND	ND
2,3,4,7,8-penta CDF	118	PG/L	0.050	ND	ND	ND	ND	ND	ND
1,2,3,4,7,8-hexa CDF	147	PG/L	0.100	ND	ND	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDF	107	PG/L	0.100	ND	ND	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDF	152	PG/L	0.100	ND	ND	ND	ND	ND	ND
2,3,4,6,7,8-hexa CDF	148	PG/L	0.100	ND	ND	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDF	90	PG/L	0.010	ND	ND	ND	ND	ND	ND
1,2,3,4,7,8,9-hepta CDF	166	PG/L	0.010	ND	ND	ND	ND	ND	ND
octa CDF	222	PG/L	0.001	ND	ND	ND	ND	ND	ND

Analytes	MDL	Units	Equiv.	SEC EFF TCDD 06-OCT-2009 P490603	SEC EFF TCDD 06-OCT-2009 P490603
2,3,7,8-tetra CDD	125	PG/L	1.000	ND	ND
1,2,3,7,8-penta CDD	123	PG/L	0.500	ND	ND
1,2,3,4,7,8_hexa_CDD	113	PG/L	0.100	ND	ND
1,2,3,6,7,8-hexa CDD	98	PG/L	0.100	ND	ND
1,2,3,7,8,9-hexa CDD	111	PG/L	0.100	ND	ND
1,2,3,4,6,7,8-hepta CDD	137	PG/L	0.010	ND	ND
octa CDD	247	PG/L	0.001	ND	ND
2,3,7,8-tetra CDF	115	PG/L	0.100	ND	ND
1,2,3,7,8-penta CDF	140	PG/L	0.050	ND	ND
2,3,4,7,8-penta CDF	118	PG/L	0.050	ND	ND
1,2,3,4,7,8-hexa CDF	147	PG/L	0.100	ND	ND
1,2,3,6,7,8-hexa CDF	107	PG/L	0.100	ND	ND
1,2,3,7,8,9-hexa CDF	152	PG/L	0.100	ND	ND
2,3,4,6,7,8-hexa CDF	148	PG/L	0.100	ND	ND
1,2,3,4,6,7,8-hepta CDF	90	PG/L	0.010	ND	ND
1,2,3,4,7,8,9-hepta CDF	166	PG/L	0.010	ND	ND
octa CDF	222	PG/L	0.001	ND	ND

Above are permit required CDD/CDF isomers.
ND= not detected
NA= not analyzed
NS= not sampled