2010 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 2010. Sampling occurred on February 2, May 4, August 3, and October 5. 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_01	SBWRP effluent
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 2010

Source:			INFLUENT	INFLUENT	INFLUENT	INFLUENT
Date:			02-FEB-2010	04-MAY-2010	02-AUG-2010	05-OCT-2010
	MDL	Units				
Aluminum	47	UG/L	1300	618	380	1260
Antimony	2.9	UG/L	ND	ND	ND	ND
Arsenic	.4	UG/L	1.22	0.87	ND	ND
Barium	.039	UG/L	97.8	63.4	76.8	77.8
Beryllium	.022	UG/L	ND	ND	ND	ND
Boron	7	UG/L	347	306	325	260
Cadmium	.53	UG/L	ND	ND	ND	ND
Chromium	1.2	UG/L	3.5	1.5	2.2	3.0
Cobalt	.85	UG/L	ND	ND	ND	ND
Copper	2	UG/L	73.4	31.7	57.1	63.8
Iron	37	UG/L	623	255	282	602
Lead	2	UG/L	ND	ND	ND	ND
Manganese	.24	UG/L	59.1	59.3	43.8	40.2
Mercury	.09	UG/L	0.309	ND	ND	0.069^
Molybdenum	.89	UG/L	5.6	5.5	5.4	4.6
Nickel	.53	UG/L	5.8	4.1	4.7	4.9
Selenium	.28	UG/L	1.83	1.18	1.07	ND
Silver	.4	UG/L	1.2	ND	ND	0.6
Thallium	3.9	UG/L	ND	ND	ND	ND
Vanadium	.64	UG/L	3.03	1.39	1.38	1.10
Zinc	2.5	UG/L	153	62.5	82.6	143.0
Calcium Hardness	.1	MG/L	202	171	189	166
Magnesium Hardness	.4	MG/L	146	121	131	125
Total Hardness	.4	MG/L	348	291	320	291
Total Alkalinity (bicarbonate)	20	MG/L	333	382	303	315
Calcium	.04	MG/L	80.8	68.3	75.6	66.4
Lithium	.002	MG/L	0.037	0.029	0.041	0.032
Magnesium	.1	MG/L	35.5	29.3	31.9	30.4
Potassium	.3	MG/L	22.0	20.9	19.8	20.6
Sodium	1	MG/L	218	178	178	191
Bromide	.1	MG/L	0.41	0.60	0.34	0.18
Chloride	7	MG/L	242	218	231	221
Fluoride	.05	MG/L	0.68	0.61	0.52	0.30
Nitrate	.04	MG/L	0.13	0.28	0.28	0.18
Ortho Phosphate	.2	MG/L	14.0	15.6	12.7	10.3
Sulfate	9	MG/L	186	134	165	139
Cyanides,Total	.002	MG/L	ND	ND	ND	ND
BOD	2	MG/L	406	429	348	384
pH		PH	8.2	7.4	7.1	7.4
Settleable Solids	.1	ML/L	14.0	20.0	9.0*	12.5
Turbidity	.13	NTU	134	191	124	152
Total Kjeldahl Nitrogen	1.6	MG/L	50.2	58.6	54.3	47.5
Ammonia-N	.3	MG/L	32.7	47.0	30.8	30.9
Sulfides-Total	.18	MG/L	11.3	11.2	4.86	10.7
Total Suspended Solids	1.4	MG/L	266	458	180	308
Volatile Suspended Solids	1.6	MG/L	234	389	156	276
Total Dissolved Solids	28	MG/L	1140	974	901	972
MBAS (Surfactants)	.03	MG/L	16.0	13.0	12.0	15.0

^ MDL= 0.005
* Sample date 03-AUG-2010
ND= Not Detected
Chromium results are for Total Chromium

SOUTH BAY WATER RECLAMATION PLANT
Daily Parameters and Metals

Annual 2010

Source:			EFFLUENT	EFFLUENT	EFFLUENT	EFFLUENT
Date:			02-FEB-2010	04-MAY-2010	03-AUG-2010	05-OCT-2010
	MDL	Units				
Aluminum	47	UG/L	135	115	342	131
Antimony	2.9	UG/L	ND	ND	ND	ND
Arsenic	.4	UG/L	0.79	0.79	0.56	0.49
Barium	.039	UG/L	68.3	52.1	48.1	46.6
Beryllium	.022	UG/L	ND	ND	ND	ND
Boron	7	UG/L	361	369	334	194
Cadmium	.53	UG/L	ND	ND	ND	ND
Chromium	1.2	UG/L	<1.2	2.1	ND	1.5
Cobalt	.85	UG/L	ND	ND	ND	ND
Copper	2	UG/L	11.4	12.5	12.3	13.8
Iron	37	UG/L	103	95	<37	95
Lead	2	UG/L	ND	ND	ND	ND
Manganese	.24	UG/L	40.1	29.7	23.4	25.1
Mercury	.09	UG/L	ND	ND	ND	0.007
Molybdenum	.89	UG/L	3.3	6.4	3.0	3.0
Nickel	.53	UG/L	10.1	5.2	4.6	3.9
Selenium	.28	UG/L	0.85	0.63	0.64	0.53
Silver	.4	UG/L	ND	ND	ND	ND
Thallium	3.9	UG/L	ND	ND	ND	ND
Vanadium	.64	UG/L	1.31	1.12	1.17	<0.64
Zinc	2.5	UG/L	29.8	31.5	30.7	30.0
Calcium Hardness	.1	MG/L	210	183	183	172
Magnesium Hardness	.4	MG/L	150	126	123	124
Total Hardness	.4	MG/L	360	308	305	296
Total Alkalinity (bicarbonate)	20	MG/L	177	159	155	156
Calcium	.04	MG/L	84.0	73.1	73.1	68.8
Lithium	.002	MG/L	0.038	0.028	0.041	0.031
Magnesium	.1	MG/L	36.4	30.5	29.8	30.1
Potassium	.3	MG/L	19.8	19.8	21.4	19.2
Sodium	1	MG/L	219	201	182	192
Bromide	.1	MG/L	0.45	0.53	0.36	0.26
Chloride	7	MG/L	251	251	229	233
Fluoride	.05	MG/L	0.71	0.67	0.59	0.53
Nitrate	.04	MG/L	25.5	28.7	26.2	25.2
Ortho Phosphate	.2	MG/L	4.7	9.0	10.4	4.3
Sulfate	9	MG/L	224	181	210	188
Cyanides,Total	.002	MG/L	ND	ND	ND	ND
BOD	2	MG/L	13.8	9.8	8.0	6.9
pH		PH	7.3	7.5	7.2	7.5
Settleable Solids	.1	ML/L	ND	ND	ND	ND
Turbidity	.13	NTU	1.9	3.1	2.4	2.0
Total Kjeldahl Nitrogen	1.6	MG/L	4.7	2.3	2.4	3.5
Chlorine Residual, Total	.03	MG/L	0.06	0.12	0.12	0.07
Ammonia-N	.3	MG/L	1.7	ND	ND	ND
Sulfides-Total	.18	MG/L	ND	<0.18	ND	ND
Total Suspended Solids	1.4	MG/L	5.1	4.1	6.7	5.1
Volatile Suspended Solids	1.6	MG/L	4.4	3.3	4.0	4.0
Total Dissolved Solids	28	MG/L	1060	939	NR	861
MBAS (Surfactants)	.03	MG/L	0.19	0.19	0.16	0.17

ND= Not Detected
NR= Not Required
Chromium results are for Total Chromium

SOUTH BAY WATER RECLAMATION PLANT
Daily Parameters and Metals

Annual 2010

Source:			COMB EFF	COMB EFF	COMB EFF	COMB EFF
Date:			02-FEB-2010	04-MAY-2010	03-AUG-2010	05-OCT-2010
	MDL	Units				
Aluminum	47	UG/L	302	225	212	245
Antimony	2.9	UG/L	ND	ND	ND	ND
Arsenic	.4	UG/L	1.83	1.77	2.46	2.46
Barium	.039	UG/L	45.5	30.2	22.8	26.3
Beryllium	.022	UG/L	ND	ND	ND	ND
Boron	7	UG/L	396	381	442	326
Cadmium	.53	UG/L	ND	ND	ND	ND
Chromium	1.2	UG/L	8.8	3.8	2.5	2.4
Cobalt	.85	UG/L	0.9	0.9	1.1	1.0
Copper	2	UG/L	33.8	30.1	31.8	42.7
Iron	37	UG/L	1890	2360	1820	2180
Lead	2	UG/L	ND	4.8	2.4	2.7
Manganese	.24	UG/L	66.1	70.4	81.2	79.8
Mercury	.09	UG/L	ND	ND	ND	0.017
Molybdenum	.89	UG/L	6.9	9.0	8.9	10.8
Nickel	.53	UG/L	26.5	12.3	12.2	25.6
Selenium	.28	UG/L	1.62	1.80	1.96	3.34
Silver	.4	UG/L	0.8	ND	ND	ND
Thallium	3.9	UG/L	ND	ND	ND	ND
Vanadium	.64	UG/L	2.67	2.81	2.85	2.51
Zinc	2.5	UG/L	65.0	50.1	47.4	45.5
Calcium Hardness	.1	MG/L	232	192	195	206
Magnesium Hardness	.4	MG/L	159	127	146	155
Total Hardness	.4	MG/L	391	319	341	361
Total Alkalinity (bicarbonate)	20	MG/L	306	306	318	336
Calcium	.04	MG/L	92.8	76.8	77.9	82.7
Lithium	.002	MG/L	0.061	0.042	0.047	0.053
Magnesium	.1	MG/L	38.7	30.8	35.6	37.7
Potassium	.3	MG/L	23.2	23.1	24.7	24.2
Sodium	1	MG/L	265	236	269	277
Bromide	.1	MG/L	0.35	0.36	0.48	0.35
Chloride	7	MG/L	298	272	351	348
Fluoride	.05	MG/L	0.67	0.68	0.76	0.29
Nitrate	.04	MG/L	0.11	2.43	0.76	0.06
Ortho Phosphate	.2	MG/L	7.0	10.0	11.1	13.4
Sulfate	9	MG/L	343	246	259	274
Cyanides,Total	.002	MG/L	0.002	0.003	0.005	0.036
BOD	2	MG/L	124	179	105	137
pH		PH	7.8	7.4	7.5	7.3
Settleable Solids	.1	ML/L	ND	0.5	0.8	3.5
Turbidity	.13	NTU	37.9	39.9	48.0	38.8
Total Kjeldahl Nitrogen	1.6	MG/L	45.3	52.2	48.3	49.9
Chlorine Residual, Total	.03	MG/L	ND	ND	ND	ND
Ammonia-N	.3	MG/L	32.3	39.1	34.7	41.1
Sulfides-Total	.18	MG/L	ND	0.89	ND	0.24
Total Suspended Solids	1.4	MG/L	54.0	70.0	66.0	124.0
Volatile Suspended Solids	1.6	MG/L	50.0	48.0	50.0	119.0
Total Dissolved Solids	28	MG/L	1330	1100	1160	1230
MBAS (Surfactants)	.03	MG/L	13.0	17.0	13.0	13.0

ND= Not Detected
NR= Not Required
Chromium results are for Total Chromium

SOUTH BAY WATER RECLAMATION PLANT
Daily Parameters and Metals

Annual 2010

Source:			PRI EFF	PRI EFF	PRI EFF	PRI EFF
Date:			02-FEB-2010	04-MAY-2010	02-AUG-2010	05-OCT-2010
	MDL	Units				
Aluminum	47	UG/L	626	748	394	525
Antimony	2.9	UG/L	ND	ND	ND	ND
Arsenic	.4	UG/L	1.04	0.96	0.49	0.58
Barium	.039	UG/L	82.1	65.9	69.0	62.8
Beryllium	.022	UG/L	ND	ND	ND	ND
Boron	7	UG/L	340	230	317	104
Cadmium	.53	UG/L	ND	ND	ND	ND
Chromium	1.2	UG/L	10.3	2.9	2.5	2.5
Cobalt	.85	UG/L	ND	ND	ND	ND
Copper	2	UG/L	45.2	43.6	49.5	40.0
Iron	37	UG/L	438	468	239	300
Lead	2	UG/L	ND	2.1	ND	ND
Manganese	.24	UG/L	55.0	56.1	37.2	37.1
Mercury	.09	UG/L	ND	ND	ND	0.019
Molybdenum	.89	UG/L	5.0	8.7	4.8	4.7
Nickel	.53	UG/L	12.5	5.2	4.1	5.0
Selenium	.28	UG/L	1.43	1.27	1.20	0.99
Silver	.4	UG/L	0.8	6.0	ND	0.7
Thallium	3.9	UG/L	ND	ND	ND	ND
Vanadium	.64	UG/L	1.38	1.46	1.40	1.02
Zinc	2.5	UG/L	76.5	96.5	71.5	81.2
Calcium Hardness	.1	MG/L	207	173	182	171
Magnesium Hardness	.4	MG/L	153	121	124	128
Total Hardness	.4	MG/L	360	294	306	299
Total Alkalinity (bicarbonate)	20	MG/L	326	311	344	295
Calcium	.04	MG/L	82.8	69.1	72.9	68.4
Lithium	.002	MG/L	0.037	0.029	0.041	0.032
Magnesium	.1	MG/L	37.1	29.5	30.1	31.1
Potassium	.3	MG/L	21.8	21.6	20.8	20.5
Sodium	1	MG/L	224	210	184	194
Bromide	.1	MG/L	0.44	0.46	0.30	0.17
Chloride	7	MG/L	262	247	234	237
Fluoride	.05	MG/L	0.71	0.69	0.54	0.34
Nitrate	.04	MG/L	0.18	0.31	0.14	0.05
Ortho Phosphate	.2	MG/L	11.0	11.5	13.9	13.6
Sulfate	9	MG/L	209	148	169	161
Cyanides,Total	.002	MG/L	ND	ND	ND	ND
BOD	2	MG/L	208	276	174	197
pH		PH	7.6	7.7	7.0*	7.5
Settleable Solids	.1	ML/L	0.5	0.8	1.1*	1.0
Turbidity	.13	NTU	121	116	57.6	88.4
Total Kjeldahl Nitrogen	1.6	MG/L	45.4	45.2	53.4	54.4
Ammonia-N	.3	MG/L	28.3	26.0	43.9	35.5
Sulfides-Total	.18	MG/L	1.80	5.12	ND	2.14
Total Suspended Solids	1.4	MG/L	118	82.0	98.0	90.0
Volatile Suspended Solids	1.6	MG/L	102	68.0	82.0	62.5
Total Dissolved Solids	28	MG/L	1070	958	942	956
MBAS (Surfactants)	.03	MG/L	4.00	6.10	10.0	6.80

* Sample date 03-AUG-2010
ND= Not Detected
NR= Not Required
Chromium results are for Total Chromium

SOUTH BAY WATER RECLAMATION PLANT
Daily Parameters and Metals

Annual 2010

Source:			SEC_EFF	SEC_EFF	SEC_EFF	SEC_EFF
Date:			02-FEB-2010	04-MAY-2010	02-AUG-2010	05-OCT-2010
	MDL	Units				
Aluminum	47	UG/L	138	116	121	136
Antimony	2.9	UG/L	ND	ND	ND	ND
Arsenic	.4	UG/L	0.79	0.66	0.42	0.58
Barium	.039	UG/L	66.7	50.7	54.2	47.4
Beryllium	.022	UG/L	ND	ND	ND	ND
Boron	7	UG/L	369	362	347	110
Cadmium	.53	UG/L	ND	ND	ND	ND
Chromium	1.2	UG/L	ND	ND	1.5	2.0
Cobalt	.85	UG/L	ND	ND	ND	ND
Copper	2	UG/L	13.4	6.9	17.9	11.4
Iron	37	UG/L	87	93	42	61
Lead	2	UG/L	ND	ND	ND	ND
Manganese	.24	UG/L	32.4	34.0	19.3	23.1
Mercury	.09	UG/L	ND	ND	ND	0.007
Molybdenum	.89	UG/L	3.4	5.6	3.7	3.1
Nickel	.53	UG/L	10.7	3.8	3.2	5.2
Selenium	.28	UG/L	0.80	0.64	0.84	0.63
Silver	.4	UG/L	ND	ND	ND	ND
Thallium	3.9	UG/L	ND	ND	ND	ND
Vanadium	.64	UG/L	0.95	1.12	1.28	ND
Zinc	2.5	UG/L	30.2	36.2	33.1	27.1
Calcium Hardness	.1	MG/L	202	183	176	174
Magnesium Hardness	.4	MG/L	146	126	121	125
Total Hardness	.4	MG/L	348	309	297	298
Total Alkalinity (bicarbonate)	20	MG/L	166	160	154	156
Calcium	.04	MG/L	80.7	73.2	70.6	69.5
Lithium	.002	MG/L	0.036	0.030	0.041	0.032
Magnesium	.1	MG/L	35.5	30.6	29.4	30.2
Potassium	.3	MG/L	18.8	19.8	19.9	19.3
Sodium	1	MG/L	213	202	180	193
Bromide	.1	MG/L	0.45	0.49	0.34	0.32
Chloride	7	MG/L	249	251	217	236
Fluoride	.05	MG/L	0.73	0.61	0.63	0.62
Nitrate	.04	MG/L	27.20	27.60	23.90	24.60
Ortho Phosphate	.2	MG/L	3.6	9.8	12.1	4.4
Sulfate	9	MG/L	227	182	202	190
Cyanides,Total	.002	MG/L	0.002	ND	0.002	ND
BOD	2	MG/L	14.7	6.6	9.6	12.9
pH		PH	7.3	7.4	7.2*	7.3
Settleable Solids	.1	ML/L	ND	ND	ND*	ND
Turbidity	.13	NTU	2.3	2.1	4.8	2.2
Total Kjeldahl Nitrogen	1.6	MG/L	3.5	2.2	3.2	3.4
Ammonia-N	.3	MG/L	0.6	ND	ND	ND
Sulfides-Total	.18	MG/L	ND	ND	ND	ND
Total Suspended Solids	1.4	MG/L	7.3	4.3	15.5	5.9
Volatile Suspended Solids	1.6	MG/L	6.2	3.3	13.5	4.8
Total Dissolved Solids	28	MG/L	971	907	924	912
MBAS (Surfactants)	.03	MG/L	0.22	0.20	0.22	0.13

* Sample date 03-AUG-2010
ND= Not Detected
NR= Not Required
Chromium results are for Total Chromium

SOUTH BAY WATER RECLAMATION PLANT
Daily Parameters and Metals

Annual 2010

Source:			RAW SLUDGE	RAW SLUDGE	RAW SLUDGE	RAW SLUDGE
Date:			02-FEB-2010	04-MAY-2010	03-AUG-2010	05-OCT-2010
	MDL	Units				
Aluminum	47	UG/L	33200	52100	38700	4500
Antimony	2.9	UG/L	7.3	8.0	17.1	ND
Arsenic	.4	UG/L	11.6	2.05	1.57	16.0
Barium	.039	UG/L	942	1110	1270	236
Beryllium	.022	UG/L	0.66	0.37	1.02	0.05
Boron	7	UG/L	349	406	406	128
Cadmium	.53	UG/L	4.4	4.8	5.8	ND
Chromium	1.2	UG/L	87.7	107	121	14.9
Cobalt	.85	UG/L	7.8	9.0	11.4	2.9
Copper	2	UG/L	1440	1660	2270	404
Iron	37	UG/L	21400	22700	28700	41800
Lead	2	UG/L	73.0	81.8	157	6.8
Manganese	.24	UG/L	518	670	560	317
Mercury	.09	UG/L	2.82	4.30	2.52	7.60
Molybdenum	.89	UG/L	56.5	216.0	91.9	18.0
Nickel	.53	UG/L	94.9	95.6	113.0	26.4
Selenium	.28	UG/L	ND	2.55	2.46	0.99
Silver	.4	UG/L	20.6	25.6	25.6	3.8
Thallium	3.9	UG/L	7.7	6.3	ND	ND
Vanadium	.64	UG/L	52.2	69.3	50.8	5.08
Zinc	2.5	UG/L	3390	4500	4210	373
Total Alkalinity (bicarbonate)	20	MG/L	815	737	863	848
Calcium	.04	MG/L	96.9	104.0	98.8	81.8
Lithium	.002	MG/L	0.040	0.031	0.045	0.038
Magnesium	.1	MG/L	41.5	40.4	38.5	39.1
Potassium	.3	MG/L	36.7	36.7	36.0	32.5
Sodium	1	MG/L	210	208	188	200
Bromide	.1	MG/L	0.40	0.58	ND	0.21
Chloride	7	MG/L	260	264	234	231
Fluoride	.05	MG/L	0.41	0.73	0.72	0.59
Nitrate	.04	MG/L	0.14	0.43	0.27	0.14
Ortho Phosphate	.2	MG/L	102	52.8	62.0	75.1
Sulfate	9	MG/L	77	66	72	57
Cyanides,Total	.002	MG/L	0.004	0.002	0.003	ND
Total Kjeldahl Nitrogen	1.6	MG/L	347	430	1850	437
Sulfides-Total	.18	MG/L	57.0	58.1	58.6	36.5

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 2010

Source:			REC_WATER	REC_WATER	REC_WATER	REC_WATER
Date:			02-FEB-2010	04-MAY-2010	02-AUG-2010	05-OCT-2010
	MDL	Units				
Aluminum	47	UG/L	126	103	321	144
Antimony	2.9	UG/L	ND	ND	ND	ND
Arsenic	.4	UG/L	0.89	0.74	0.63	<0.40
Barium	.039	UG/L	67.8	52.4	47.4	49.4
Beryllium	.022	UG/L	ND	ND	ND	ND
Boron	7	UG/L	359	361	361	117
Cadmium	.53	UG/L	ND	ND	ND	ND
Chromium	1.2	UG/L	ND	3.7	<1.2	<1.2
Cobalt	.85	UG/L	ND	ND	ND	ND
Copper	2	UG/L	11.8	13.9	12.0	11.5
Iron	37	UG/L	94	120	<37	73
Lead	2	UG/L	ND	ND	ND	ND
Manganese	.24	UG/L	30.5	32.8	16.6	18.2
Mercury	.09	UG/L	ND	ND	ND	0.006
Molybdenum	.89	UG/L	3.2	6.4	3.2	3.2
Nickel	.53	UG/L	10.0	6.9	4.5	4.3
Selenium	.28	UG/L	0.82	0.68	0.67	0.44
Silver	.4	UG/L	ND	ND	ND	ND
Thallium	3.9	UG/L	ND	ND	ND	ND
Vanadium	.64	UG/L	1.36	<0.64	1.08	ND
Zinc	2.5	UG/L	29.0	29.1	31.9	27.8
Calcium Hardness	.1	MG/L	204	183	177	174
Magnesium Hardness	.4	MG/L	139	125	121	125
Total Hardness	.4	MG/L	343	308	298	299
Total Alkalinity (bicarbonate)	20	MG/L	187	160	141	163
Calcium	.04	MG/L	81.6	73.4	71.0	69.5
Lithium	.002	MG/L	0.037	0.030	0.042	0.034
Magnesium	.1	MG/L	33.8	30.4	29.3	30.3
Potassium	.3	MG/L	18.5	19.6	19.5	19.5
Sodium	1	MG/L	199	200	180	198
Bromide	.1	MG/L	0.35	0.45	0.31	0.24
Chloride	7	MG/L	254	253	219	242
Fluoride	.05	MG/L	0.62	0.49	0.47	0.47
Nitrate	.04	MG/L	26.1	31.1	29.1	29.2
Ortho Phosphate	.2	MG/L	4.1	8.3	7.2	4.8
Sulfate	9	MG/L	233	186	217	194
Cyanides,Total	.002	MG/L	0.002	0.002	0.003	0.004
BOD	2	MG/L	ND	ND	2.5	2.8
pH		PH	7.5	7.5	7.2*	7.5
Turbidity	.13	NTU	0.9	0.8	1.4	0.9
Total Kjeldahl Nitrogen	1.6	MG/L	3.5	1.8	2.0	2.2
Ammonia-N	.3	MG/L	2.4	ND	0.9	ND
Sulfides-Total	.18	MG/L	ND	ND	ND	ND
Total Suspended Solids	1.4	MG/L	1.5	ND	3.0	ND
Volatile Suspended Solids	1.6	MG/L	ND	ND	1.8	ND
Total Dissolved Solids	28	MG/L	1060	920	930	912
MBAS (Surfactants)	.03	MG/L	0.21	0.20	0.17	0.11

* Sample Date 03-AUG-2010
ND= Not Detected
NR= Not Required
Chromium results are for Total Chromium

SOUTH BAY WATER RECLAMATION PLANT
Ammonia-Nitrogen and Total Cyanides

Annual 2010

Total Cyanide, MDL=0.002 mg/L

	INFLUENT	EFFLUENT	COMB EFF	PRI EFF	SEC EFF	RSL
02-FEB-2010	ND	ND	0.002	ND	0.002	0.004
04-MAY-2010	ND	ND	0.003	ND	ND	0.002
02-AUG-2010	ND	NR	NR	ND	0.002	NR
03-AUG-2010	NR	ND	0.005	NR	NR	0.003
05-OCT-2010	ND	ND	0.036	ND	ND	ND
AVERAGE	ND	ND	0.012	ND	0.001	0.002

Ammonia as Nitrogen, MDL=0.3 mg/L

	INFLUENT	EFFLUENT	COMB EFF	PRI EFF	SEC EFF
02-FEB-2010	32.7	1.74	32.3	28.3	0.6
04-MAY-2010	47.0	ND	39.1	26.0	ND
02-AUG-2010	30.8	NR	NR	43.9	ND
03-AUG-2010	NR	ND	34.7	NR	NR
05-OCT-2010	30.9	ND	41.1	35.5	ND
AVERAGE	35.4	0.44	36.8	33.4	0.15

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

SOUTH BAY WATER RECLAMATION PLANT
Radioactivity

Annual 2010

Analyzed by: Test America Laboratories

Source	Sample Date	Sample ID		Gross Alpha Radiation	Gross Beta Radiation
INFLUENT	02-FEB-2010	P504507		3.3 ± 2.2	23.0 ± 4.7
INFLUENT	04-MAY-2010	P515501		1.0 ± 2.0	22.4 ± 5.5
INFLUENT	02-AUG-2010	P525067		4.3 ± 2.0	23.9 ± 5.2
INFLUENT	05-OCT-2010	P533616		4.1 ± 2.8	22.1 ± 6.4
INFLUENT	ANNUAL	AVERAGE		3.2 ± 2.3	22.9 ± 5.5

Source	Sample Date	Sample ID		Gross Alpha Radiation	Gross Beta Radiation
EFFLUENT	02-FEB-2010	P504512		2.1 ± 2.2	22.0 ± 4.5
EFFLUENT	04-MAY-2010	P515506		2.0 ± 2.6	21.9 ± 6.2
EFFLUENT	03-AUG-2010	P525072		1.9 ± 1.5	25.5 ± 4.8
EFFLUENT	05-OCT-2010	P533621		2.9 ± 2.8	28.3 ± 7.9
EFFLUENT	ANNUAL	AVERAGE		2.2 ± 2.3	24.4 ± 5.9

Source	Sample Date	Sample ID		Gross Alpha Radiation	Gross Beta Radiation
COMB EFF	02-FEB-2010	P504517		2.6 ± 3.3	25.4 ± 5.6
COMB EFF	04-MAY-2010	P515511		-0.9 ± 2.0	24.6 ± 6.4
COMB EFF	03-AUG-2010	P525077		3.6 ± 1.9	19.9 ± 5.6
COMB EFF	05-OCT-2010	P533626		3.2 ± 2.9	25.6 ± 7.0
COMB EFF	ANNUAL	AVERAGE		2.1 ± 2.5	23.9 ± 6.2

Source	Sample Date	Sample ID		Gross Alpha Radiation	Gross Beta Radiation
PRI EFF	02-FEB-2010	P504522		2.4 ± 2.5	25.3 ± 4.7
PRI EFF	04-MAY-2010	P515516		0.8 ± 1.8	26.8 ± 6.5
PRI EFF	02-AUG-2010	P525082		3.4 ± 1.6	22.6 ± 4.7
PRI EFF	05-OCT-2010	P533631		3.2 ± 3.0	21.6 ± 6.7
PRI EFF	ANNUAL	AVERAGE		2.5 ± 2.2	24.1 ± 5.7

Source	Sample Date	Sample ID		Gross Alpha Radiation	Gross Beta Radiation
SEC EFF	02-FEB-2010	P504527		2.2 ± 2.0	21.1 ± 4.6
SEC EFF	04-MAY-2010	P515521		2.6 ± 2.5	16.4 ± 5.1
SEC EFF	02-AUG-2010	P525087		2.1 ± 1.4	20.4 ± 4.2
SEC EFF	05-OCT-2010	P533636		1.0 ± 2.4	20.0 ± 6.9
SEC EFF	ANNUAL	AVERAGE		2.0 ± 2.1	1.95 ± 5.2

Source	Sample Date	Sample ID		Gross Alpha Radiation	Gross Beta Radiation
REC WATER	02-FEB-2010	P504543		3.5 ± 1.9	17.6 ± 4.3
REC WATER	04-MAY-2010	P515535		-0.3 ± 2.2	17.5 ± 6.4
REC WATER	02-AUG-2010	P525103		1.6 ± 1.1	20.2 ± 4.2
REC WATER	05-OCT-2010	P533650		2.6 ± 3.0	22.0 ± 7.3
REC WATER	ANNUAL	AVERAGE		1.9 ± 2.1	19.3 ± 5.6

Units in picocuries/liter (pCi/L)

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

Annual 2010

Analyte	MDL	Units	INFLUENT 02-FEB-2010 P504507	INFLUENT 04-MAY-2010 P515501	INFLUENT 02-AUG-2010 P525067	INFLUENT 05-OCT-2010 P533616
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	10
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	10
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	10

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 2010

Analyte	MDL	Units	EFFLUENT 02-FEB-2010 P504512	EFFLUENT 04-MAY-2010 P515506	EFFLUENT 03-AUG-2010 P525072	EFFLUENT 05-OCT-2010 P533621
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 2010

Analyte	MDL	Units	COMB EFF 02-FEB-2010 P504517	COMB EFF 04-MAY-2010 P515511	COMB EFF 03-AUG-2010 P525077	COMB EFF 05-OCT-2010 P533626
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 2010

Analyte	MDL	Units	PRI EFF 02-FEB-2010 P504522	PRI EFF 04-MAY-2010 P515516	PRI EFF 02-AUG-2010 P525082	PRI EFF 05-OCT-2010 P533631
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 2010

Analyte	MDL	Units	SEC EFF 02-FEB-2010 P504527	SEC EFF 04-MAY-2010 P515521	SEC EFF 02-AUG-2010 P525087	SEC EFF 05-OCT-2010 P533636
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 2010

Analyte	MDL	Units	RSL 02-FEB-2010 P504541	RSL 04-MAY-2010 P515533	RSL 03-AUG-2010 P525101	RSL 05-OCT-2010 P533648
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 2010

Analyte	MDL	Units	REC_WATER 02-FEB-2010 P504543	REC_WATER 04-MAY-2010 P515535	REC_WATER 02-AUG-2010 P525103	REC_WATER 05-OCT-2010 P533650
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
Organophosphorus Pesticides EPA Method 614/622 (with additions)

Annual 2010

Analyte	MDL	Units	INF 04-MAY-2010 P515501	INF 05-OCT-2010 P533616	EFF 04-MAY-2010 P515506	EFF 05-OCT-2010 P533621	COMB EFF 04-MAY-2010 P515511
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	ND	ND	ND	0.5
Dibrom	.2	UG/L	ND	NR	ND	NR	ND
Ethoprop	.04	UG/L	ND	NR	ND	NR	ND
Phorate	.04	UG/L	ND	NR	ND	NR	ND
Sulfotepp	.04	UG/L	ND	NR	ND	NR	ND
Disulfoton	.02	UG/L	ND	ND	ND	ND	ND
Dimethoate	.04	UG/L	ND	ND	ND	ND	4.0
Ronnel	.03	UG/L	ND	NR	ND	NR	ND
TrichloroNRte	.04	UG/L	ND	NR	ND	NR	ND
Merphos	.09	UG/L	ND	NR	ND	NR	ND
Dichlofenthion	.03	UG/L	ND	NR	ND	NR	ND
Tokuthion	.06	UG/L	ND	NR	ND	NR	ND
Stirophos	.03	UG/L	ND	ND	ND	ND	ND
Bolstar	.07	UG/L	ND	NR	ND	NR	ND
Fensulfothion	.07	UG/L	ND	NR	ND	NR	ND
EPN	.09	UG/L	ND	NR	ND	NR	ND
Coumaphos	.15	UG/L	ND	ND	ND	ND	ND
Mevinphos, e isomer	.05	UG/L	ND	NR	ND	NR	ND
Mevinphos, z isomer	.3	UG/L	ND	NR	ND	NR	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	0.0	0.0	0.0	4.5

ND=not detected
NR=not required

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

Annual 2010

Analyte	MDL	Units	COMB EFF 05-OCT-2010 P533626	PRI EFF 04-MAY-2010 P515516	PRI EFF 05-OCT-2010 P533631	SEC EFF 04-MAY-2010 P515521	SEC EFF 05-OCT-2010 P533636
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	0.3	ND	ND	ND	ND
Parathion	.03	UG/L	ND	ND	ND	ND	ND
Dichlorvos	.05	UG/L	0.4	ND	ND	ND	ND
Dibrom	.2	UG/L	NR	ND	NR	ND	NR
Ethoprop	.04	UG/L	NR	ND	NR	ND	NR
Phorate	.04	UG/L	NR	ND	NR	ND	NR
Sulfotepp	.04	UG/L	NR	ND	NR	ND	NR
Disulfoton	.02	UG/L	ND	ND	ND	ND	ND
Dimethoate	.04	UG/L	ND	ND	ND	ND	ND
Ronnel	.03	UG/L	NR	ND	NR	ND	NR
TrichloroNRte	.04	UG/L	NR	ND	NR	ND	NR
Merphos	.09	UG/L	NR	ND	NR	ND	NR
Dichlofenthion	.03	UG/L	NR	ND	NR	ND	NR
Tokuthion	.06	UG/L	NR	ND	NR	ND	NR
Stirophos	.03	UG/L	ND	ND	ND	ND	ND
Bolstar	.07	UG/L	NR	ND	NR	ND	NR
Fensulfothion	.07	UG/L	NR	ND	NR	ND	NR
EPN	.09	UG/L	NR	ND	NR	ND	NR
Coumaphos	.15	UG/L	ND	ND	ND	ND	ND
Mevinphos, e isomer	.05	UG/L	NR	ND	NR	ND	NR
Mevinphos, z isomer	.3	UG/L	NR	ND	NR	ND	NR
Chlorpyrifos	.03	UG/L	ND	ND	ND	ND	ND
Thiophosphorus Pesticides	.15	UG/L	0.3	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	0.7	0.0	0.0	0.0	0.0

ND=not detected
NR=not required

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

Annual 2010

Analyte	MDL	Units	RSL 04-MAY-2010 P515533	RSL 05-OCT-2010 P533648	RECLAIM 04-MAY-2010 P515535	RECLAIM 05-OCT-2010 P533650
Demeton O	.15	UG/L	ND	ND	ND	ND
Demeton S	.08	UG/L	ND	ND	ND	ND
Diazinon	.03	UG/L	ND	ND	ND	ND
Guthion	.15	UG/L	ND	ND	ND	ND
Malathion	.03	UG/L	ND	ND	ND	ND
Parathion	.03	UG/L	ND	ND	ND	ND
Dichlorvos	.05	UG/L	ND	ND	ND	ND
Dibrom	.2	UG/L	ND	NR	ND	NR
Ethoprop	.04	UG/L	ND	NR	ND	NR
Phorate	.04	UG/L	ND	NR	ND	NR
Sulfotepp	.04	UG/L	ND	NR	ND	NR
Disulfoton	.02	UG/L	ND	ND	ND	ND
Dimethoate	.04	UG/L	ND	ND	ND	ND
Ronnel	.03	UG/L	ND	NR	ND	NR
TrichloroNRte	.04	UG/L	ND	NR	ND	NR
Merphos	.09	UG/L	ND	NR	ND	NR
Dichlofenthion	.03	UG/L	ND	NR	ND	NR
Tokuthion	.06	UG/L	ND	NR	ND	NR
Stirophos	.03	UG/L	ND	ND	ND	ND
Bolstar	.07	UG/L	ND	NR	ND	NR
Fensulfothion	.07	UG/L	ND	NR	ND	NR
EPN	.09	UG/L	ND	NR	ND	NR
Coumaphos	.15	UG/L	ND	ND	ND	ND
Mevinphos, e isomer	.05	UG/L	ND	NR	ND	NR
Mevinphos, z isomer	.3	UG/L	ND	NR	ND	NR
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
NR=not required

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

Annual 2010

Analyte	MDL	Units	SB_INF_02 02-FEB-2010 P504507	SB_INF_02 04-MAY-2010 P515501	SB_INF_02 02-AUG-2010 P525067	SB_INF_02 05-OCT-2010 P533616
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	3.9	ND	ND	ND
Di-n-butyl phthalate	3.96	UG/L	ND	ND	ND	ND
Bis-(2-ethylhexyl) phthalate	8.96	UG/L	10.3	11.1	12.2	23.6
Diethyl phthalate	3.05	UG/L	10.8	13.2	9.7	8.9
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	33.8	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	25.0	58.1	21.9	32.5
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 2010

Analyte	MDL	Units	SB_OUTFALL_01 02-FEB-2010 P504512	SB_OUTFALL_01 04-MAY-2010 P515506	SB_OUTFALL_01 03-AUG-2010 P525072	SB_OUTFALL_01 05-OCT-2010 P533621
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	9.8	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	9.8	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 2010

Analyte	MDL	Units	SB_ITP_COMB_EFF 02-FEB-2010 P504517	SB_ITP_COMB_EFF 04-MAY-2010 P515511	SB_ITP_COMB_EFF 03-AUG-2010 P525077	SB_ITP_COMB_EFF 05-OCT-2010 P533626
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	17.4	20.2	13.7	16.5
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	17.4	20.2	13.7	16.5
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 2010

Analyte	MDL	Units	SB_PRIEFF_10 02-FEB-2010 P504522	SB_PRIEFF_10 04-MAY-2010 P515516	SB_PRIEFF_10 02-AUG-2010 P525082	SB_PRIEFF_10 05-OCT-2010 P533631
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	9.8	12.3	12.6	28.5
Diethyl phthalate	3.05	UG/L	5.5	10.7	6.4	6.5
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	15.3	23.0	19.0	35.0
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 2010

Analyte	MDL	Units	SB_SEC_EFF_20 02-FEB-2010 P504527	SB_SEC_EFF_20 04-MAY-2010 P515521	SB_SEC_EFF_20 02-AUG-2010 P525087	SB_SEC_EFF_20 05-OCT-2010 P533636
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 2010

Analyte	MDL	Units	SB_REC_WATER_34 02-FEB-2010 P504543	SB_REC_WATER_34 04-MAY-2010 P515535	SB_REC_WATER_34 02-AUG-2010 P525103	SB_REC_WATER_34 05-OCT-2010 P533650
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 2010

Analyte:	MDL	Units	INFLUENT 02-FEB-2010 P504507	INFLUENT 04-MAY-2010 P515501	INFLUENT 02-AUG-2010 P525067	INFLUENT 05-OCT-2010 P533616
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	26.7	47.7	44.2	36.5
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	101	123	120	92.5
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	26.7	47.7	44.2	36.5
Total Phenols	2.16	UG/L	26.7	47.7	44.2	36.5

Analyte:	MDL	Units	EFFLUENT 02-FEB-2010 P504512	EFFLUENT 04-MAY-2010 P515506	EFFLUENT 03-AUG-2010 P525072	EFFLUENT 05-OCT-2010 P533621
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
ACID EXTRACTABLE COMPOUNDS, EPA Method 625

Annual 2010

Analyte:	MDL	Units	COMB EFF 02-FEB-2010 P504517	COMB EFF 04-MAY-2010 P515511	COMB EFF 03-AUG-2010 P525077	COMB EFF 05-OCT-2010 P533626
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	29.1	41.3	32.9	35.1
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	26.9	20.3	3.1	5.1
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	29.1	41.3	32.9	35.1
Total Phenols	2.16	UG/L	29.1	41.3	32.9	35.1

Analyte:	MDL	Units	PRI EFF 02-FEB-2010 P504522	PRI EFF 04-MAY-2010 P515516	PRI EFF 02-AUG-2010 P525082	PRI EFF 05-OCT-2010 P533631
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	13.9	30.1	42.9	17.3
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	38.0	75.6	135.0	40.7
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	13.9	30.1	42.9	17.3
Total Phenols	2.16	UG/L	13.9	30.1	42.9	17.3

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

Annual 2010

Analyte:	MDL	Units	SEC EFF 02-FEB-2010 P504527	SEC EFF 04-MAY-2010 P515521	SEC EFF 02-AUG-2010 P525087	SEC EFF 05-OCT-2010 P533636
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 02-FEB-2010 P504541	RSL 04-MAY-2010 P515533	RSL 03-AUG-2010 P525101	RSL 05-OCT-2010 P533648
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	129	119	193	235
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	41.8
3-methylphenol(4-MP is unresolved)		UG/L	NA	NA	NA	NA
4-methylphenol(3-MP is unresolved)	2.11	UG/L	286	141	359	293
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	129	119	193	235
Total Phenols	2.16	UG/L	129	119	193	235

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

Annual 2010

Analyte:	MDL	Units	REC WATER 02-FEB-2010 P504543	REC WATER 04-MAY-2010 P515535	REC WATER 02-AUG-2010 P525103	REC WATER 05-OCT-2010 P533650
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 2010

Analyte	MDL	Units	SB_INF_02 02-FEB-2010 P504510	SB_INF_02 04-MAY-2010 P515504	SB_INF_02 03-AUG-2010 P525070	SB_INF_02 05-OCT-2010 P533619
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	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	1.8	2.2	3.2	1.7
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	0.6	0.8	1.1	0.6
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	1.4	1.8	2.2	10.2
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	0.5	0.6	0.8	0.8
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	3.2	4.0	5.4	11.9
Purgeable Compounds	1.3	UG/L	4.3	5.4	7.3	13.3
Additional Analytes Determined						
Acetone	4.5	UG/L	120	199	173	168
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	9.8	12.8
Carbon disulfide	.6	UG/L	1.6	4.6	1.3	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

SOUTH BAY WATER RECLAMATION PLANT
Priority Pollutants Purgeable Compounds, EPA Method 624 & 8260B
Annual 2010

Analyte	MDL	Units	SB_OUTFALL_01 02-FEB-2010 P504515	SB_OUTFALL_01 04-MAY-2010 P515509	SB_OUTFALL_01 03-AUG-2010 P525075	SB_OUTFALL_01 05-OCT-2010 P533624
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	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	0.5	0.6	1.0	0.5
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	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	2.1	0.5	0.8	2.7
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	2.6	1.1	1.8	3.2
Purgeable Compounds	1.3	UG/L	2.6	1.1	1.8	3.2
Additional Analytes Determined						
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

SOUTH BAY WATER RECLAMATION PLANT
Priority Pollutants Purgeable Compounds, EPA Method 624 & 8260B
Annual 2010

Analyte	MDL	Units	SB_ITP_COMB_EFF 02-FEB-2010 P504520	SB_ITP_COMB_EFF 04-MAY-2010 P515514	SB_ITP_COMB_EFF 03-AUG-2010 P525080	SB_ITP_COMB_EFF 05-OCT-2010 P533629
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	1.4	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	5.8	12.9	8.5	9.6
Chloromethane	.5	UG/L	ND	ND	ND	ND
Dibromochloromethane	.6	UG/L	1.5	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	2.2	3.7	2.7	3.5
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	0.7	1.5	0.4	1.1
Methylene chloride	.3	UG/L	2.7	5.8	3.0	3.3
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	5.4	17.9	8.9	32.8
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	0.8
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	8.5	18.7	11.5	12.9
Purgeable Compounds	1.3	UG/L	19.7	41.8	23.5	51.1
Additional Analytes Determined						
Acetone	4.5	UG/L	368	486	484	636
Allyl chloride	.6	UG/L	ND	ND	ND	ND
Benzyl chloride	1.1	UG/L	ND	ND	4.3	1.8
1,2-dibromoethane	.3	UG/L	ND	ND	ND	ND
2-butanone	6.3	UG/L	15.3	9.5	6.8	14.5
Carbon disulfide	.6	UG/L	1.3	2.7	1.5	4.0
1,2,4-trichlorobenzene	.7	UG/L	ND	ND	ND	ND
Chloroprene	.4	UG/L	ND	ND	ND	ND
Isopropylbenzene	.3	UG/L	ND	0.6	1.3	0.9
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	2.9
meta,para xylenes	.6	UG/L	2.9	6.0	1.4	4.5
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	1.9	4.0	1.9	7.0
Styrene	.3	UG/L	ND	ND	ND	ND

ND= not detected

SOUTH BAY WATER RECLAMATION PLANT
Priority Pollutants Purgeable Compounds, EPA Method 624 & 8260B
Annual 2010

Analyte	MDL	Units	SB_PRIEFF_10 02-FEB-2010 P504525	SB_PRIEFF_10 04-MAY-2010 P515519	SB_PRIEFF_10 03-AUG-2010 P525085	SB_PRIEFF_10 05-OCT-2010 P533634
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	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	1.2	1.8	1.7	1.5
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	0.4	ND	0.8	<0.4
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	ND	ND	ND	ND
Methylene chloride	.3	UG/L	0.8	1.5	5.0	224
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	1.3	0.6	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	2.0	3.3	6.7	226
Purgeable Compounds	1.3	UG/L	3.7	3.9	8.2	226
Additional Analytes Determined						
Acetone	4.5	UG/L	230	216	199	230
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	12.0	7.4
Carbon disulfide	.6	UG/L	2.2	2.5	2.3	5.9
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

SOUTH BAY WATER RECLAMATION PLANT
Priority Pollutants Purgeable Compounds, EPA Method 624 & 8260B
Annual 2010

Analyte	MDL	Units	SB_SEC_EFF_20 02-FEB-2010 P504530	SB_SEC_EFF_20 04-MAY-2010 P515524	SB_SEC_EFF_20 03-AUG-2010 P525090	SB_SEC_EFF_20 05-OCT-2010 P533639
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	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	0.5	0.6	0.6	ND
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	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	0.5	0.7	0.3	4.0
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	1.0	1.3	0.9	4.0
Purgeable Compounds	1.3	UG/L	1.0	1.3	0.9	4.0
Additional Analytes Determined						
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

SOUTH BAY WATER RECLAMATION PLANT
Priority Pollutants Purgeable Compounds, EPA Method 624 & 8260B
Annual 2010

Analyte	MDL	Units	SB_REC_WATER_34 02-FEB-2010 P504546	SB_REC_WATER_34 04-MAY-2010 P515538	SB_REC_WATER_34 03-AUG-2010 P525106	SB_REC_WATER_34 05-OCT-2010 P533653
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	4.9
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	1.5	1.5	1.4	9.8
Chloromethane	.5	UG/L	ND	ND	ND	ND
Dibromochloromethane	.6	UG/L	ND	ND	ND	1.8
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	0.7	0.7	3.9	355
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	2.2	2.2	5.3	365
Purgeable Compounds	1.3	UG/L	2.2	2.2	5.3	372
Additional Analytes Determined						
Acetone	4.5	UG/L	ND	ND	4.8	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

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

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Analyte	MDL	Units	SB_RSL_10_B 02-FEB-2010^ P504541	SB_RSL_10_B 04-MAY-2010 P515533	SB_RSL_10_B 03-AUG-2010 P525101	SB_RSL_10_B 05-OCT-2010 P533648
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	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	2.4	2.8	3.3	2.6
Chloromethane	.5	UG/L	ND	ND	ND	ND
Dibromochloromethane	.6	UG/L	ND	ND	ND	ND
1,2-dichlorobenzene	.4	UG/L	0.9	0.4	0.5	ND
1,3-dichlorobenzene	.5	UG/L	ND	<0.5	ND	ND
1,4-dichlorobenzene	.4	UG/L	2.0	1.9	3.4	2.1
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	13.5	2.2	21.8	109
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	5.0	1.9	5.9	4.2
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	0.9	0.4	0.5	0.0
Total Chloromethanes	.5	UG/L	15.9	5.0	25.1	112
Purgeable Compounds	1.3	UG/L	23.8	9.2	34.9	118
Acetone	4.5	UG/L	214	143	257	114*
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	45.8	8.6	7.5	ND
Carbon disulfide	.6	UG/L	3.7	3.4	2.6	2.7
1,2,4-trichlorobenzene	.7	UG/L	ND	ND	ND	ND
Chloroprene	.4	UG/L	ND	ND	ND	ND
Isopropylbenzene	.3	UG/L	0.4	0.5	ND	0.5
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	0.7	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	0.3	ND

ND=not detected
*=The method blanks results for Acetone were above the 4.5 UG/L MDL.
^ Surrogates for this sample were outside of laboratory QC standards, values not included in averages.

SOUTH BAY WATER RECLAMATION PLANT
Tributyl Tin Analysis

Annual 2010

Analyte	MDL	Units	INFLUENT P504507 02-FEB-2010	INFLUENT P515501 04-MAY-2010	INFLUENT P525067 02-AUG-2010	INFLUENT P533616 05-OCT-2010	EFFLUENT P504512 02-FEB-2010	EFFLUENT P515506 04-MAY-2010	EFFLUENT P525072 03-AUG-2010
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 P533621 05-OCT-2010	COMB EFF P504517 02-FEB-2010	COMB EFF P515511 04-MAY-2010	COMB EFF P525077 03-AUG-2010	COMB EFF P533626 05-OCT-2010	PRI EFF P504522 02-FEB-2010	PRI EFF P515516 04-MAY-2010
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 P525082 02-AUG-2010	PRI EFF P533631 05-OCT-2010	SEC EFF P504527 02-FEB-2010	SEC EFF P515521 04-MAY-2010	SEC EFF P525087 02-AUG-2010	SEC EFF P533636 05-OCT-2010	REC WATER P504543 02-FEB-2010
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	REC WATER P515535 04-MAY-2010	REC WATER P525103 02-AUG-2010	REC WATER P533650 05-OCT-2010
Dibutyltin	7	UG/L	ND	ND	ND
Monobutyltin	16	UG/L	ND	ND	ND
Tributyltin	2	UG/L	ND	ND	ND

ND=not detected

SOUTH BAY WATER RECLAMATION PLANT
Dioxin and Furan Analysis
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Analytes	MDL	Units	Equiv.	INFLUENT 02-FEB-2010 P504507	INFLUENT TCDD 02-FEB-2010 P504507	EFFLUENT 02-FEB-2010 P504512	EFFLUENT TCDD 02-FEB-2010 P504512
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.	INFLUENT 04-MAY-2010 P515501	INFLUENT TCDD 04-MAY-2010 P515501	EFFLUENT 04-MAY-2010 P515506	EFFLUENT TCDD 04-MAY-2010 P515506
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

SOUTH BAY WATER RECLAMATION PLANT
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Analytes	MDL	Units	Equiv.	INFLUENT 02-AUG-2010 P525067	INFLUENT TCDD 02-AUG-2010 P525067	EFFLUENT 03-AUG-2010 P525072	EFFLUENT TCDD 03-AUG-2010 P525072
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.	INFLUENT 05-OCT-2010 P533616	INFLUENT TCDD 05-OCT-2010 P533616	EFFLUENT 05-OCT-2010 P533621	EFFLUENT TCDD 05-OCT-2010 P533621
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

SOUTH BAY WATER RECLAMATION PLANT
Dioxin and Furan Analysis
Method 8280A

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Analytes	MDL	Units	Equiv.	COMB EFF 02-FEB-2010 P504517	COMB EFF TCDD 02-FEB-2010 P504517	PRIMARY EFF 02-FEB-2010 P504522	PRIMARY EFF TCDD 02-FEB-2010 P504522
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 04-MAY-2010 P515511	COMB EFF TCDD 04-MAY-2010 P515511	PRIMARY EFF 04-MAY-2010 P515516	PRIMARY EFF TCDD 04-MAY-2010 P515516
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

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Analytes	MDL	Units	Equiv.	COMB EFF 03-AUG-2010 P525077	COMB EFF TCDD 03-AUG-2010 P525077	PRIMARY EFF 02-AUG-2010 P525082	PRIMARY EFF TCDD 02-AUG-2010 P525082
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 05-OCT-2010 P533626	COMB EFF TCDD 05-OCT-2010 P533626	PRIMARY EFF 05-OCT-2010 P533631	PRIMARY EFF TCDD 05-OCT-2010 P533631
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

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Analytes	MDL	Units	Equiv.	SEC EFF 02-FEB-2010 P504527	SEC EFF TCDD 02-FEB-2010 P504527	SEC EFF 04-MAY-2010 P515521	SEC EFF TCDD 04-MAY-2010 P515521
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.	SEC EFF 02-AUG-2010 P525087	SEC EFF TCDD 02-AUG-2010 P525087	SEC EFF 05-OCT-2010 P533636	SEC EFF TCDD 05-OCT-2010 P533636
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

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