2012 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 2012. Sampling occurred on February 7, May 1, August 7, and October 2. 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 2012

Source:			INFLUENT	INFLUENT	INFLUENT	INFLUENT
Date:			07-FEB-2012	01-MAY-2012	07-AUG-2012	02-OCT-2012
Analyte	MDL	Units				
Aluminum	47	UG/L	536	628	673	861
Antimony	2.9	UG/L	ND	ND	ND	3.1
Arsenic	.4	UG/L	ND	ND	0.9	0.9
Barium	.039	UG/L	62.3	69.8	75.5	71.1
Beryllium	.022	UG/L	ND	ND	ND	ND
Boron	7	UG/L	264	292	281	271
Cadmium	.53	UG/L	ND	ND	ND	ND
Chromium	1.2	UG/L	4.2	3.2	2.9	2.5
Cobalt	.85	UG/L	ND	ND	ND	ND
Copper	2	UG/L	78	68	78	99
Iron	37	UG/L	476	698	618	856
Lead	2	UG/L	ND	ND	3	2
Manganese	.24	UG/L	79.0	86.7	62.2	63.6
Mercury	.005	UG/L	0.158	0.16	0.091	0.218
Molybdenum	.89	UG/L	5.01	5.18	5.45	5.54
Nickel	.53	UG/L	6.62	5.69	18.70	5.72
Selenium	.28	UG/L	0.84	0.77	1.47	1.19
Silver	.4	UG/L	ND	ND	1.3	ND
Thallium, Total Recoverable	3.9	UG/L	ND	ND	4.5	ND
Vanadium	.64	UG/L	1.67	2.81	1.75	2.42
Zinc	2.5	UG/L	123	139	154	150
Calcium Hardness	.1	MG/L	181	146	156	150
Magnesium Hardness	.4	MG/L	153	114	120	130
Total Hardness	.4	MG/L	334	259	276	280
Total Alkalinity (bicarbonate)	20	MG/L	328	354	350^	356
Calcium	.04	MG/L	72.6	58.4	62.3	60.2
Lithium	.002	MG/L	0.023	0.026	0.031	0.031
Magnesium	.1	MG/L	37.1	27.6	29.1	31.5
Potassium	.3	MG/L	19.1	16.9	18.6	18.4
Sodium	1	MG/L	208	158	172	178
Bromide	.1	MG/L	0.5	0.5	0.5	0.5
Chloride	7	MG/L	269	254	232	243
Fluoride	.05	MG/L	0.69	0.56	0.61	0.64
Nitrate	.04	MG/L	0.21	0.17	0.19	0.08
Ortho Phosphate	.2	MG/L	10.4	10.6	10.8	10.7
Sulfate	9	MG/L	125	123	119	102
Cyanides,Total	.002	MG/L	ND	ND	0.003	ND
BOD	2	MG/L	347	368	315	311
pH(Grab)		PH	7.72	7.44	7.57	7.88
Settleable Solids	.1	ML/L	17	19	20	21
Turbidity	.13	NTU	140	155	173	158
Total Kjeldahl Nitrogen	1.6	MG/L	54.4	56.3	54.1	53.1
Ammonia-N	.3	MG/L	32.3	34.8	36.5	35.2
Sulfides-Total	.4	MG/L	5.1	6.3	1.9	1.8
Total Suspended Solids	1.4	MG/L	304	292	275	278
Volatile Suspended Solids	1.6	MG/L	278	264	244	224
Total Dissolved Solids	28	MG/L	1070	1050	1020	1060
MBAS (Surfactants)	.03	MG/L	14.0	12.0	12.8	10.7

^= This sample was collected on August 9, 2012.

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

SOUTH BAY WATER RECLAMATION PLANT
Daily Parameters and Metals

Annual 2012

Source:			EFFLUENT	EFFLUENT	EFFLUENT	EFFLUENT
Date:			07-FEB-2012	01-MAY-2012	07-AUG-2012	02-OCT-2012
Analyte	MDL	Units				
Aluminum	47	UG/L	135	58	138	133
Antimony	2.9	UG/L	ND	ND	ND	ND
Arsenic	.4	UG/L	0.6	ND	0.6	0.5
Barium	.039	UG/L	41.8	45.1	48.1	46.2
Beryllium	.022	UG/L	0.025	ND	ND	ND
Boron	7	UG/L	261	327	307	297
Cadmium	.53	UG/L	ND	ND	ND	ND
Chromium	1.2	UG/L	ND	ND	1.3	ND
Cobalt	.85	UG/L	ND	ND	ND	ND
Copper	2	UG/L	9	9	8	7
Iron	37	UG/L	ND	ND	52	38
Lead	2	UG/L	ND	ND	ND	ND
Manganese	.24	UG/L	73.6	14.0	16.1	38.4
Mercury	.005	UG/L	0.005	0.006	0.001	ND
Molybdenum	.89	UG/L	2.92	2.99	2.92	3.34
Nickel	.53	UG/L	6.98	4.63	7.32	5.96
Selenium	.28	UG/L	0.48	0.48	0.46	0.46
Silver	.4	UG/L	ND	ND	ND	ND
Thallium, Total Recoverable	3.9	UG/L	ND	ND	ND	ND
Vanadium	.64	UG/L	0.72	1.68	1.19	1.12
Zinc	2.5	UG/L	22.0	30.1	34.6	23.8
Calcium Hardness	.1	MG/L	183	151	158	148
Magnesium Hardness	.4	MG/L	149	117	117	124
Total Hardness	.4	MG/L	332	268	275	272
Total Alkalinity (bicarbonate)	20	MG/L	190	174	169^	196
Calcium	.04	MG/L	73.3	60.5	63.1	59.2
Lithium	.002	MG/L	0.021	0.026	0.030	0.025
Magnesium	.1	MG/L	36.1	28.3	28.5	30.0
Potassium	.3	MG/L	18.5	15.8	17.1	16.5
Sodium	1	MG/L	213	169	179	184
Bromide	.1	MG/L	0.7	0.5	0.5	0.4
Chloride	7	MG/L	295	262	246	250
Fluoride	.05	MG/L	0.84	0.77	0.65	0.70
Nitrate	.04	MG/L	28.9	39.3	41.4	21.5
Ortho Phosphate	.2	MG/L	4.1	7.5	5.6	1.5
Sulfate	9	MG/L	164	153	154	140
Cyanides,Total	.002	MG/L	ND	ND	ND	ND
BOD	2	MG/L	12	5	4	11
pH(Grab)		PH	7.29	7.29	7.51	7.42
Settleable Solids	.1	ML/L	ND	ND	ND	ND
Turbidity	.13	NTU	2.37	1.71	2.12	1.05
Total Kjeldahl Nitrogen	1.6	MG/L	7.4	2.2	2.2	7.0
Chlorine Residual, Total	.03	MG/L	ND	0.03	0.07	0.03
Ammonia-N	.3	MG/L	2.7	ND	ND	2.5
Sulfides-Total	.4	MG/L	ND	ND	ND	ND
Total Suspended Solids	1.4	MG/L	6.2	2.8	5.0	1.7
Volatile Suspended Solids	1.6	MG/L	5.5	2.5	4.3	1.4
Total Dissolved Solids	28	MG/L	1000	1050	1110	1100
MBAS (Surfactants)	.03	MG/L	0.17	0.15	0.14	0.13

^= This sample was collected on August 9, 2012.

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

SOUTH BAY WATER RECLAMATION PLANT
Daily Parameters and Metals

Annual 2012

Source:			COMB EFF	COMB EFF	COMB EFF	COMB EFF
Date:			07-FEB-2012	01-MAY-2012	07-AUG-2012	02-OCT-2012
Analyte	MDL	Units				
Aluminum	47	UG/L	181	ND	140	117
Antimony	2.9	UG/L	ND	ND	ND	ND
Arsenic	.4	UG/L	1.3	ND	1.2	1.4
Barium	.039	UG/L	46.9	24.2	9.04	18.4
Beryllium	.022	UG/L	0.047	ND	ND	0.04
Boron	7	UG/L	597	346	426	457
Cadmium	.53	UG/L	ND	ND	ND	ND
Chromium	1.2	UG/L	4.5	1.6	1.3	2.6
Cobalt	.85	UG/L	ND	ND	1.08	1.10
Copper	2	UG/L	20	7	5	7
Iron	37	UG/L	813	273	169	143
Lead	2	UG/L	ND	ND	ND	4
Manganese	.24	UG/L	126	54.5	94.3	52.5
Mercury	.005	UG/L	0.01	0.008	0.005	ND
Molybdenum	.89	UG/L	12.4	7.03	7.09	7.1
Nickel	.53	UG/L	24.1	13.1	14.5	12.8
Selenium	.28	UG/L	1.28	0.68	1.21	1.05
Silver	.4	UG/L	ND	ND	ND	ND
Thallium, Total Recoverable	3.9	UG/L	ND	ND	ND	ND
Vanadium	.64	UG/L	2.52	1.96	1.62	1.34
Zinc	2.5	UG/L	55.7	26.1	29.9	121
Calcium Hardness	.1	MG/L	241	197	203	208
Magnesium Hardness	.4	MG/L	173	135	157	159
Total Hardness	.4	MG/L	414	332	360	367
Total Alkalinity (bicarbonate)	20	MG/L	189	158	143*	267
Calcium	.04	MG/L	96.6	78.8	81.2	83.4
Lithium	.002	MG/L	0.061	0.054	0.075	0.077
Magnesium	.1	MG/L	42.0	32.9	38.1	38.6
Potassium	.3	MG/L	23.7	20.2	24.4	22.9
Sodium	1	MG/L	278	222	280	283
Bromide	.1	MG/L	0.5	0.4	0.3	0.4
Chloride	7	MG/L	333	312	362	357
Fluoride	.05	MG/L	0.82	0.6	0.55	0.6
Nitrate	.04	MG/L	42.5	63.1	15.7	20.8
Ortho Phosphate	.2	MG/L	12.6	10.0	8.7	9.4
Sulfate	9	MG/L	317	287	336	332
Cyanides,Total	.002	MG/L	0.004	0.004	0.005	0.002
BOD	2	MG/L	48	14	11	8
pH(Grab)		PH	7.24	7.31	7.63	7.62
Settleable Solids	.1	ML/L	0.1	ND	ND	ND
Turbidity	.13	NTU	8.68	3.7	29.1	1.72
Total Kjeldahl Nitrogen	1.6	MG/L	6.6	ND	8.9	ND
Chlorine Residual, Total	.03	MG/L	ND	0.04	0.06	0.07
Ammonia-N	.3	MG/L	1.9	0.3	1.0*	2.2
Sulfides-Total	.4	MG/L	ND	ND	ND	ND
Total Suspended Solids	1.4	MG/L	34.0	11.8	4.1	3.9
Volatile Suspended Solids	1.6	MG/L	30.0	9.6	3.3	3.0
Total Dissolved Solids	28	MG/L	1330	1360	1530	1640
MBAS (Surfactants)	.03	MG/L	0.27	0.26	0.26	0.28

*= This sample was collected on August 19, 2012.

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

SOUTH BAY WATER RECLAMATION PLANT
Daily Parameters and Metals

Annual 2012

Source:			PRI EFF	PRI EFF	PRI EFF	PRI EFF
Date:			07-FEB-2012	01-MAY-2012	07-AUG-2012	02-OCT-2012
Analyte	MDL	Units				
Aluminum	47	UG/L	478	228	330	334
Antimony	2.9	UG/L	ND	ND	ND	ND
Arsenic	.4	UG/L	0.7	0.5	0.7	0.7
Barium	.039	UG/L	101	55.2	58	61.6
Beryllium	.022	UG/L	0.03	ND	ND	ND
Boron	7	UG/L	481	302	275	241
Cadmium	.53	UG/L	ND	ND	ND	ND
Chromium	1.2	UG/L	3.4	1.9	1.8	2.1
Cobalt	.85	UG/L	ND	ND	ND	ND
Copper	2	UG/L	111	45	46	65
Iron	37	UG/L	687	279	295	244
Lead	2	UG/L	ND	ND	ND	5
Manganese	.24	UG/L	151	84.5	52.9	55.6
Mercury	.005	UG/L	0.045	0.038	0.047	0.051
Molybdenum	.89	UG/L	7.37	4.27	4.17	4.60
Nickel	.53	UG/L	23.7	6.6	13.0	4.55
Selenium	.28	UG/L	0.73	1.02	0.88	0.92
Silver	.4	UG/L	ND	ND	0.6	ND
Thallium, Total Recoverable	3.9	UG/L	4.4	ND	ND	ND
Vanadium	.64	UG/L	2.38	1.67	1.23	1.57
Zinc	2.5	UG/L	136.0	64.5	73.5	95.9
Calcium Hardness	.1	MG/L	182	146	153	152
Magnesium Hardness	.4	MG/L	149	114	117	133
Total Hardness	.4	MG/L	331	260	270	285
Total Alkalinity (bicarbonate)	20	MG/L	320	319	NR	372
Calcium	.04	MG/L	72.9	58.5	61.1	60.9
Lithium	.002	MG/L	0.026	0.026	0.03	0.027
Magnesium	.1	MG/L	36.3	27.6	28.4	32.2
Potassium	.3	MG/L	18.7	15.7	17.4	18.4
Sodium	1	MG/L	215	161	178	192
Bromide	.1	MG/L	0.6	0.5	0.5	0.4
Chloride	7	MG/L	300	263	244	268
Fluoride	.05	MG/L	0.51	0.63	0.63	0.66
Nitrate	.04	MG/L	0.26	0.19	0.2	0.17
Ortho Phosphate	.2	MG/L	10.4	8.1	9.1	10.9
Sulfate	9	MG/L	427	157	148	118
Cyanides,Total	.002	MG/L	ND	ND	0.003	ND
BOD	2	MG/L	178	170	128	202
pH(Grab)		PH	7.8	7.61	7.76	7.61
Settleable Solids	.1	ML/L	0.3	1.4	1.5	2.5
Turbidity	.13	NTU	77.8	75.6	82.4	90.4
Total Kjeldahl Nitrogen	1.6	MG/L	50.9	43.7	44.3	53.5
Ammonia-N	.3	MG/L	29.0	30.2	NR	41.1
Sulfides-Total	.4	MG/L	ND	ND	ND	1.36
Total Suspended Solids	1.4	MG/L	90	92.5	97.5	92.5
Volatile Suspended Solids	1.6	MG/L	85	80	82.5	82.5
Total Dissolved Solids	28	MG/L	1090	1000	1090	1070
MBAS (Surfactants)	.03	MG/L	7.6	6.8	6.71	6.85

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

SOUTH BAY WATER RECLAMATION PLANT
Daily Parameters and Metals

Annual 2012

Source:			SEC_EFF	SEC_EFF	SEC_EFF	SEC_EFF
Date:			07-FEB-2012	01-MAY-2012	07-AUG-2012	02-OCT-2012
Analyte	MDL	Units				
Aluminum	47	UG/L	65	ND	132	110
Antimony	2.9	UG/L	ND	ND	ND	ND
Arsenic	.4	UG/L	0.6	ND	0.5	0.5
Barium	.039	UG/L	41.9	45.4	43.2	47.4
Beryllium	.022	UG/L	0.025	ND	ND	0.05
Boron	7	UG/L	258	325	131	320
Cadmium	.53	UG/L	ND	ND	ND	ND
Chromium	1.2	UG/L	ND	1.6	ND	ND
Cobalt	.85	UG/L	ND	ND	ND	ND
Copper	2	UG/L	10	14	10	9
Iron	37	UG/L	37	73	38	52
Lead	2	UG/L	ND	ND	ND	ND
Manganese	.24	UG/L	72.2	24.5	14.9	38.5
Mercury	.005	UG/L	0.005	0.006	0.005	ND
Molybdenum	.89	UG/L	3.08	3.38	1.99	4.16
Nickel	.53	UG/L	5.46	5.96	4.66	4.7
Selenium	.28	UG/L	0.45	0.34	0.38	0.48
Silver	.4	UG/L	ND	ND	ND	ND
Thallium, Total Recoverable	3.9	UG/L	ND	ND	ND	ND
Vanadium	.64	UG/L	ND	1.62	1.00	0.87
Zinc	2.5	UG/L	24.3	31.8	32.8	29.7
Calcium Hardness	.1	MG/L	181	144	160	147
Magnesium Hardness	.4	MG/L	146	113	120	122
Total Hardness	.4	MG/L	327	257	279	269
Total Alkalinity (bicarbonate)	20	MG/L	192	175	NR	205
Calcium	.04	MG/L	72.5	57.8	64.0	58.9
Lithium	.002	MG/L	0.024	0.023	0.030	0.029
Magnesium	.1	MG/L	35.4	27.3	29.1	29.6
Potassium	.3	MG/L	18.0	15.1	17.3	16.3
Sodium	1	MG/L	210	162	182	180
Bromide	.1	MG/L	0.6	0.5	0.5	0.5
Chloride	7	MG/L	291	262	247	250
Fluoride	.05	MG/L	0.84	0.77	0.65	0.7
Nitrate	.04	MG/L	30.2	40.3	42.5	19.9
Ortho Phosphate	.2	MG/L	2.9	7.7	5.5	1.5
Sulfate	9	MG/L	173	151	154	140
Cyanides,Total	.002	MG/L	ND	ND	ND	0.002
BOD	2	MG/L	21	8	6	11
pH(Grab)		PH	7.39	7.34	7.96	7.57
Settleable Solids	.1	ML/L	ND	ND	ND	ND
Turbidity	.13	NTU	NR	NR	2.50	NR
Total Kjeldahl Nitrogen	1.6	MG/L	5.7	3.8	2.0	7.6
Ammonia-N	.3	MG/L	4.4	0.3	NR	5.2
Sulfides-Total	.4	MG/L	ND	ND	ND	ND
Total Suspended Solids	1.4	MG/L	8.8	8.4	8.7	4.0
Volatile Suspended Solids	1.6	MG/L	7.6	7.3	6.7	3.4
Total Dissolved Solids	28	MG/L	1050	1040	1110	1150
MBAS (Surfactants)	.03	MG/L	0.16	0.15	0.13	0.15

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

SOUTH BAY WATER RECLAMATION PLANT
Daily Parameters and Metals

Annual 2012

Source:			RAW SLUDGE	RAW SLUDGE	RAW SLUDGE	RAW SLUDGE
Date:			07-FEB-2012	01-MAY-2012	07-AUG-2012	02-OCT-2012
Analyte	MDL	Units				
Aluminum	47	UG/L	7680	25300	29300	8670
Antimony	2.9	UG/L	7.4	17.2	45.4	32.6
Arsenic	.4	UG/L	6.5	11.7	15.0	4.0
Barium	.039	UG/L	439	1150	1650	374
Beryllium	.022	UG/L	0.062	0.235	0.159	0.06
Boron	7	UG/L	420	357	264	299
Cadmium	.53	UG/L	ND	6.99	7.69	1.09
Chromium	1.2	UG/L	69.6	140	162	39.7
Cobalt	.85	UG/L	4.4	11.4	9.88	4.56
Copper	2	UG/L	1020	2140	2310	634
Iron	37	UG/L	10500	32000	41500	8790
Lead	2	UG/L	94	200	212	14
Manganese	.24	UG/L	424	990	792	313
Mercury	.005	UG/L	28.4	16.2	10.5	1.11
Molybdenum	.89	UG/L	24.8	73.6	69.2	20.2
Nickel	.53	UG/L	105	151	212	37.8
Selenium	.28	UG/L	16.2	34.1	46.2	7.8
Silver	.4	UG/L	17.4	33.0	147	2.5
Thallium, Total Recoverable	3.9	UG/L	ND	ND	ND	ND
Vanadium	.64	UG/L	20.9	68.2	64.4	23.1
Zinc	2.5	UG/L	1780	4040	4980	1410
Total Alkalinity (bicarbonate)	20	MG/L	NR	724	925	1040
Calcium	.04	MG/L	87.5	114	112	67.9
Lithium	.002	MG/L	0.026	0.026	0.031	0.029
Magnesium	.1	MG/L	41.1	41.2	40.1	34.5
Potassium	.3	MG/L	23.3	31.7	31.8	21.8
Sodium	1	MG/L	221	180	180	186
Bromide	.1	MG/L	0.6	0.5	0.3	0.4
Chloride	7	MG/L	317	273	232	259
Fluoride	.05	MG/L	0.45	ND	0.34	0.54
Nitrate	.04	MG/L	0.17	0.17	0.2	0.1
Ortho Phosphate	.2	MG/L	30.9	46.0	61.5	23.6
Sulfate	9	MG/L	65	33	17	40
Cyanides,Total	.002	MG/L	0.002	0.003	0.003	<0.004#
Total Kjeldahl Nitrogen	1.6	MG/L	217	492	512	150
Sulfides-Total	.4	MG/L	19.2	38.4	51.9	17.9

#= the sample for this analysis was diluted by 2; therefore the MDL needs to be doubled.

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

SOUTH BAY WATER RECLAMATION PLANT
Daily Parameters and Metals

Annual 2012

Source:			REC_WATER	REC_WATER	REC_WATER	REC_WATER
Date:			07-FEB-2012	01-MAY-2012	07-AUG-2012	02-OCT-2012
Analyte	MDL	Units				
Aluminum	47	UG/L	566	93	127	130
Antimony	2.9	UG/L	ND	ND	ND	ND
Arsenic	.4	UG/L	0.7	0.7	0.6	0.6
Barium	.039	UG/L	36.8	43.7	47.2	43.6
Beryllium	.022	UG/L	0.025	ND	ND	ND
Boron	7	UG/L	269	311	247	282
Cadmium	.53	UG/L	ND	ND	ND	ND
Chromium	1.2	UG/L	ND	1.3	ND	3.8
Cobalt	.85	UG/L	ND	ND	ND	ND
Copper	2	UG/L	8	9	6	8
Iron	37	UG/L	ND	115	ND	56
Lead	2	UG/L	ND	ND	ND	ND
Manganese	.24	UG/L	57.1	17.8	9.53	26.5
Mercury	.005	UG/L	ND	ND	ND	0.003
Molybdenum	.89	UG/L	2.85	3.16	2.35	2.51
Nickel	.53	UG/L	5.29	5.60	4.25	4.26
Selenium	.28	UG/L	0.42	0.35	0.39	0.40
Silver	.4	UG/L	ND	ND	ND	ND
Thallium, Total Recoverable	3.9	UG/L	ND	ND	ND	4.1
Vanadium	.64	UG/L	0.66	1.69	1.07	0.92
Zinc	2.5	UG/L	21.7	41.0	32.5	23.5
Calcium Hardness	.1	MG/L	177	156	163	152
Magnesium Hardness	.4	MG/L	144	120	124	131
Total Hardness	.4	MG/L	321	276	287	282
Total Alkalinity (bicarbonate)	20	MG/L	185	167	170^	199
Calcium	.04	MG/L	70.8	62.4	65.1	60.7
Lithium	.002	MG/L	0.024	0.025	0.023	0.019
Magnesium	.1	MG/L	35.0	29.0	30.1	31.6
Potassium	.3	MG/L	17.8	16.0	17.7	17.4
Sodium	1	MG/L	209	180	190	196
Bromide	.1	MG/L	0.6	0.5	0.4	0.4
Chloride	7	MG/L	289	271	251	255
Fluoride	.05	MG/L	0.66	0.6	0.57	0.61
Nitrate	.04	MG/L	26.5	42.5	43.1	22.0
Ortho Phosphate	.2	MG/L	2.6	7.3	5.4	1.6
Sulfate	9	MG/L	177	174	160	146
Cyanides,Total	.002	MG/L	0.002	0.004	0.002	0.003
BOD	2	MG/L	3	ND	ND	ND
pH(Grab)		PH	7.25	6.74	7.72	7.55
Turbidity	.13	NTU	NR	NR	0.78	0.8
Total Kjeldahl Nitrogen	1.6	MG/L	4.0	2.2	ND	7.0
Ammonia-N	.3	MG/L	0.7	ND	ND	3.1
Sulfides-Total	.4	MG/L	ND	ND	ND	ND
Total Suspended Solids	1.4	MG/L	4.2	2.1	ND	ND
Volatile Suspended Solids	1.6	MG/L	2.9	ND	ND	ND
Total Dissolved Solids	28	MG/L	1050	1050	1020	1180
MBAS (Surfactants)	.03	MG/L	0.14	0.17	0.15	0.18

^= This sample was collected on August 9, 2012.

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

SOUTH BAY WATER RECLAMATION PLANT
Ammonia-Nitrogen and Total Cyanides

Annual 2012

Total Cyanide, MDL=0.002 mg/L

Source:	INFLUENT	EFFLUENT	COMB EFF	PRI EFF	SEC EFF	RSL
07-FEB-2012	ND	ND	0.004	ND	ND	0.002
01-MAY-2012	ND	ND	0.004	ND	ND	0.003
07-AUG-2012	0.003	ND	0.005	0.003	ND	0.003
02-OCT-2012	ND	ND	0.002	ND	0.002	<0.004
AVERAGE	0.001	ND	0.004	0.001	0.001	0.002

Ammonia as Nitrogen, MDL=0.3 mg/L

Source:	INFLUENT	EFFLUENT	COMB EFF	PRI EFF	SEC EFF
07-FEB-2012	32.3	2.7	1.9	29.0	4.4
01-MAY-2012	34.8	ND	0.3	30.2	0.3
09-AUG-2012	36.5	ND	NR	31.8	ND
19-AUG-2012	NR	NR	1.0	NR	NR
02-OCT-2012	35.2	2.5	2.2	41.1	5.2
AVERAGE	34.7	1.3	1.4	33.0	2.5

ND= Not Detected
NR= Not Required

SOUTH BAY WATER RECLAMATION PLANT
Radioactivity

Annual 2012

Analyzed by: TestAmerica Laboratories Richland

Source	Sample Date	Sample ID		Gross Alpha Radiation	Gross Beta Radiation
INFLUENT	07-FEB-2012	P602860		1.6 ± 2.3	19.3 ± 6.4
INFLUENT	01-MAY-2012	P614087		-0.9 ± 4.5	16.2 ± 7.4
INFLUENT	07-AUG-2012	P626993		3.0 ± 3.5	18.1 ± 5.6
INFLUENT	02-OCT-2012	P634417		1.5 ± 3.3	16.3 ± 3.4
AVERAGE				1.3 ± 3.4	17.5 ± 5.7

Source	Sample Date	Sample ID		Gross Alpha Radiation	Gross Beta Radiation
EFFLUENT	07-FEB-2012	P602865		-2.1 ± 3.8	21.7 ± 5.8
EFFLUENT	01-MAY-2012	P614092		3.9 ± 3.9	18.3 ± 7.5
EFFLUENT	07-AUG-2012	P626998		0.1 ± 2.8	17.5 ± 4.5
EFFLUENT	02-OCT-2012	P634422		-1.0 ± 3.4	19.0 ± 3.7
AVERAGE				0.2 ± 3.5	19.1 ± 5.3

Source	Sample Date	Sample ID		Gross Alpha Radiation	Gross Beta Radiation
COMB EFF	07-FEB-2012	P602870		-2.2 ± 5.0	20.1 ± 7.0
COMB EFF	01-MAY-2012	P614097		6.8 ± 6.2	25.2 ± 8.0
COMB EFF	07-AUG-2012	P627003		3.7 ± 4.6	27.5 ± 6.8
COMB EFF	02-OCT-2012	P634427		2.7 ± 5.3	24.1 ± 4.7
AVERAGE				2.8 ± 5.3	24.2 ± 6.6

Source	Sample Date	Sample ID		Gross Alpha Radiation	Gross Beta Radiation
PRI EFF	07-FEB-2012	P602875		2.3 ± 3.8	24.7 ± 7.6
PRI EFF	01-MAY-2012	P614102		2.5 ± 3.7	19.3 ± 5.7
PRI EFF	07-AUG-2012	P627008		3.6 ± 3.3	15.8 ± 4.0
PRI EFF	02-OCT-2012	P634432		-1.1 ± 3.7	21.6 ± 4.2
AVERAGE				1.8 ± 3.6	20.4 ± 5.4

Source	Sample Date	Sample ID		Gross Alpha Radiation	Gross Beta Radiation
SEC EFF	07-FEB-2012	P602880		-0.7 ± 2.6	24.3 ± 4.9
SEC EFF	01-MAY-2012	P614107		4.0 ± 4.2	24.3 ± 6.2
SEC EFF	07-AUG-2012	P627013		5.0 ± 3.3	20.7 ± 4.9
SEC EFF	02-OCT-2012	P634437		1.5 ± 4.0	17.2 ± 3.4
AVERAGE				2.5 ± 3.5	21.6 ± 4.9

Source	Sample Date	Sample ID		Gross Alpha Radiation	Gross Beta Radiation
REC WATER	07-FEB-2012	P602896		2.9 ± 3.7	21.8 ± 6.3
REC WATER	01-MAY-2012	P614121		6.0 ± 4.1	21.2 ± 7.1
REC WATER	07-AUG-2012	P627029		-2.0 ± 2.7	20.1 ± 5.0
REC WATER	02-OCT-2012	P634451		1.9 ± 3.1	18.6 ± 3.5
AVERAGE				2.2 ± 3.4	20.4 ± 5.5

ND= Not Detected

Units in picocuries/liter (pCi/L)

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

Annual 2012

Source:			INFLUENT	INFLUENT	INFLUENT	INFLUENT
Date:			07-FEB-2012	01-MAY-2012	07-AUG-2012	02-OCT-2012
Analyte	MDL	Units	P602860	P614087	P626993	P634417
Aldrin	7	NG/L	ND	ND	ND	ND
BHC, Alpha isomer	7	NG/L	ND	ND	ND	ND
BHC, Beta isomer	6	NG/L	ND	ND	ND	ND
BHC, Delta isomer	4	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	5	NG/L	ND	ND	ND	ND
Dieldrin	8	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	5	NG/L	ND	ND	ND	ND
Endrin	8	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	4	NG/L	ND	ND	ND	ND
p,p-DDE	4	NG/L	ND	ND	ND	4
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	8	NG/L	0	0	0	0
Hexachlorocyclohexanes	7	NG/L	0	0	0	0
DDT and derivatives	8	NG/L	0	0	0	4
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	4

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 2012

Source:			EFFLUENT	EFFLUENT	EFFLUENT	EFFLUENT
Date:			07-FEB-2012	01-MAY-2012	07-AUG-2012	02-OCT-2012
Analyte	MDL	Units	P602865	P614092	P626998	P634422
Aldrin	7	NG/L	ND	ND	ND	ND
BHC, Alpha isomer	7	NG/L	ND	ND	ND	ND
BHC, Beta isomer	6	NG/L	ND	ND	ND	ND
BHC, Delta isomer	4	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	5	NG/L	ND	ND	ND	ND
Dieldrin	8	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	5	NG/L	ND	ND	ND	ND
Endrin	8	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	4	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	8	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 2012

Source:			COMB EFF	COMB EFF	COMB EFF	COMB EFF
Date:			07-FEB-2012	01-MAY-2012	07-AUG-2012	02-OCT-2012
Analyte	MDL	Units	P602870	P614097	P627003	P634427
Aldrin	7	NG/L	ND	ND	ND	ND
BHC, Alpha isomer	7	NG/L	ND	ND	ND	ND
BHC, Beta isomer	6	NG/L	ND	ND	ND	ND
BHC, Delta isomer	4	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	5	NG/L	ND	ND	ND	ND
Dieldrin	8	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	5	NG/L	ND	ND	ND	ND
Endrin	8	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	4	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	8	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 2012

Source:			PRI EFF	PRI EFF	PRI EFF	PRI EFF
Date:			07-FEB-2012	01-MAY-2012	07-AUG-2012	02-OCT-2012
Analyte	MDL	Units	P602875	P614102	P627008	P634432
Aldrin	7	NG/L	ND	ND	ND	ND
BHC, Alpha isomer	7	NG/L	ND	ND	ND	ND
BHC, Beta isomer	6	NG/L	ND	ND	ND	ND
BHC, Delta isomer	4	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	5	NG/L	ND	ND	ND	ND
Dieldrin	8	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	5	NG/L	ND	ND	ND	ND
Endrin	8	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	4	NG/L	ND	ND	ND	ND
p,p-DDE	4	NG/L	ND	ND	ND	3
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	8	NG/L	0	0	0	0
Hexachlorocyclohexanes	7	NG/L	0	0	0	0
DDT and derivatives	8	NG/L	0	0	0	3
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	3

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 2012

Source:			SEC EFF	SEC EFF	SEC EFF	SEC EFF
Date:			07-FEB-2012	01-MAY-2012	07-AUG-2012	02-OCT-2012
Analyte	MDL	Units	P602880	P614107	P627013	P634437
Aldrin	7	NG/L	ND	ND	ND	ND
BHC, Alpha isomer	7	NG/L	ND	ND	ND	ND
BHC, Beta isomer	6	NG/L	ND	ND	ND	ND
BHC, Delta isomer	4	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	5	NG/L	ND	ND	ND	ND
Dieldrin	8	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	5	NG/L	ND	ND	ND	ND
Endrin	8	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	4	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	8	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 2012

Source:			RSL	RSL	RSL	RSL
Date:			07-FEB-2012	01-MAY-2012	07-AUG-2012	02-OCT-2012
Analyte	MDL	Units	P602894	P614119	P627027	P634449
Aldrin	7	NG/L	ND	ND	ND	ND
BHC, Alpha isomer	7	NG/L	ND	ND	ND	ND
BHC, Beta isomer	6	NG/L	ND	ND	ND	ND
BHC, Delta isomer	4	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	5	NG/L	ND	ND	ND	ND
Dieldrin	8	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	5	NG/L	ND	ND	ND	ND
Endrin	8	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	4	NG/L	ND	ND	ND	ND
p,p-DDE	4	NG/L	ND	ND	160	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	8	NG/L	0	0	0	0
Hexachlorocyclohexanes	7	NG/L	0	0	0	0
DDT and derivatives	8	NG/L	0	0	160	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	160	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 2012

Source:			REC_WATER	REC_WATER	REC_WATER	REC_WATER
Date:			07-FEB-2012	01-MAY-2012	07-AUG-2012	02-OCT-2012
Analyte	MDL	Units	P602896	P614121	P627029	P634451
Aldrin	7	NG/L	ND	ND	ND	ND
BHC, Alpha isomer	7	NG/L	ND	ND	ND	ND
BHC, Beta isomer	6	NG/L	ND	ND	ND	ND
BHC, Delta isomer	4	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	5	NG/L	ND	ND	ND	ND
Dieldrin	8	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	5	NG/L	ND	ND	ND	ND
Endrin	8	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	4	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	8	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 2012

Source:			INF	INF	EFF	EFF	COMB EFF
Date:			01-MAY-2012	02-OCT-2012	01-MAY-2012	02-OCT-2012	01-MAY-2012
Analyte	MDL	Units	P614087	P634417	P614092	P634422	P614097
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	0.04
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	ND
Disulfoton	.02	UG/L	ND	ND	ND	ND	ND
Dimethoate	.04	UG/L	ND	ND	ND	ND	ND
Stirophos	.03	UG/L	ND	ND	ND	ND	ND
Coumaphos	.15	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	.15	UG/L	0.0	0.0	0.0	0.0	0.04

Source:			COMB EFF	PRI EFF	PRI EFF	SEC EFF	SEC EFF
Date:			02-OCT-2012	01-MAY-2012	02-OCT-2012	01-MAY-2012	02-OCT-2012
Analyte	MDL	Units	P634427	P614102	P634432	P614107	P634437
Demeton O	.15	UG/L	ND	ND	ND	ND	ND
Demeton S	.08	UG/L	ND	ND	ND	ND	ND
Diazinon	.03	UG/L	0.07	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	ND
Disulfoton	.02	UG/L	ND	ND	ND	ND	ND
Dimethoate	.04	UG/L	ND	ND	ND	ND	ND
Stirophos	.03	UG/L	ND	ND	ND	ND	ND
Coumaphos	.15	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	.15	UG/L	0.07	0.0	0.0	0.0	0.0

Source:			RSL	RSL	RECLAIM	RECLAIM
Date:			01-MAY-2012	02-OCT-2012	01-MAY-2012	02-OCT-2012
Analyte	MDL	Units	P614119	P634449	P614121	P634451
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
Disulfoton	.02	UG/L	ND	ND	ND	ND
Dimethoate	.04	UG/L	ND	ND	ND	ND
Stirophos	.03	UG/L	ND	ND	ND	ND
Coumaphos	.15	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	.15	UG/L	0.0	0.0	0.0	0.0

ND=not detected

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

Annual 2012

Source:			SB_INF_02	SB_INF_02	SB_INF_02	SB_INF_02
Date:			07-FEB-2012	01-MAY-2012	07-AUG-2012	02-OCT-2012
Analyte	MDL	Units	P602860	P614087	P626993	P634417
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	22.5	ND	23.7	10.5
Diethyl phthalate	3.05	UG/L	10.0	5.7	8.6	7.0
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	32.5	5.7	32.3	17.5
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 2012

Source:			SB_OUTFALL_01	SB_OUTFALL_01	SB_OUTFALL_01	SB_OUTFALL_01
Date:			07-FEB-2012	01-MAY-2012	07-AUG-2012	02-OCT-2012
Analyte	MDL	Units	P602865	P614092	P626998	P634422
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	11.2	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	11.2	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 2012

Source:			SB_ITP_COMB_EFF	SB_ITP_COMB_EFF	SB_ITP_COMB_EFF	SB_ITP_COMB_EFF
Date:			07-FEB-2012	01-MAY-2012	07-AUG-2012	02-OCT-2012
Analyte	MDL	Units	P602870	P614097	P627003	P634427
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 2012

Source:			SB_PRIEFF_10	SB_PRIEFF_10	SB_PRIEFF_10	SB_PRIEFF_10
Date:			07-FEB-2012	01-MAY-2012	07-AUG-2012	02-OCT-2012
Analyte	MDL	Units	P602875	P614102	P627008	P634432
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	6.0	4.0	3.5	6.3
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	6.0	4.0	3.5	6.3
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 2012

Source:			SB_SEC_EFF_20	SB_SEC_EFF_20	SB_SEC_EFF_20	SB_SEC_EFF_20
Date:			07-FEB-2012	01-MAY-2012	07-AUG-2012	02-OCT-2012
Analyte	MDL	Units	P602880	P614107	P627013	P634437
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 2012

Source:			SB_REC_WATER_34	SB_REC_WATER_34	SB_REC_WATER_34	SB_REC_WATER_34
Date:			07-FEB-2012	01-MAY-2012	07-AUG-2012	02-OCT-2012
Analyte	MDL	Units	P602896	P614121	P627029	P634451
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 2012

Source:			INFLUENT	INFLUENT	INFLUENT	INFLUENT
Date:			07-FEB-2012	01-MAY-2012	07-AUG-2012	02-OCT-2012
Analyte:	MDL	Units	P602860	P614087	P626993	P634417
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	42.5	31.4	40.2	40.5
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
Total Chlorinated Phenols	1.67	UG/L	0.0	0.0	0.0	0.0
Total Non-Chlorinated Phenols	2.16	UG/L	42.5	31.4	40.2	40.5
Total Phenols	2.16	UG/L	42.5	31.4	40.2	40.5
Additional analytes determined						
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	118	91.7	93.6	95.2
2,4,5-Trichlorophenol	1.66	UG/L	ND	ND	ND	ND

Source:			EFFLUENT	EFFLUENT	EFFLUENT	EFFLUENT
Date:			07-FEB-2012	01-MAY-2012	07-AUG-2012	02-OCT-2012
Analyte:	MDL	Units	P602865	P614092	P626998	P634422
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
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
Additional analytes determined						
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

ND= not detected
NA= not analyzed

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

Annual 2012

Source:			COMB EFF	COMB EFF	COMB EFF	COMB EFF
Date:			07-FEB-2012	01-MAY-2012	07-AUG-2012	02-OCT-2012
Analyte:	MDL	Units	P602870	P614097	P627003	P634427
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
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
Additional analytes determined						
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

Source:			PRI EFF	PRI EFF	PRI EFF	PRI EFF
Date:			07-FEB-2012	01-MAY-2012	07-AUG-2012	02-OCT-2012
Analyte:	MDL	Units	P602875	P614102	P627008	P634432
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	28.0	14.3	7.6	41.8
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
Total Chlorinated Phenols	1.67	UG/L	0.0	0.0	0.0	0.0
Total Non-Chlorinated Phenols	2.16	UG/L	28.0	14.3	7.6	41.8
Total Phenols	2.16	UG/L	28.0	14.3	7.6	41.8
Additional analytes determined						
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	62.6	27.9	11.2	96.2
2,4,5-Trichlorophenol	1.66	UG/L	ND	ND	ND	ND

ND= not detected
NA= not analyzed

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

Annual 2012

Source:			SEC EFF	SEC EFF	SEC EFF	SEC EFF
Date:			07-FEB-2012	01-MAY-2012	07-AUG-2012	02-OCT-2012
Analyte:	MDL	Units	P602880	P614107	P627013	P634437
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
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
Additional analytes determined						
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

Source:			RSL	RSL	RSL	RSL
Date:			07-FEB-2012	01-MAY-2012	07-AUG-2012	02-OCT-2012
Analyte:	MDL	Units	P602894	P614119	P627027	P634449
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	85.6	106	151	57.4
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
Total Chlorinated Phenols	1.67	UG/L	0.0	0.0	0.0	0.0
Total Non-Chlorinated Phenols	2.16	UG/L	85.6	106	151	57.4
Total Phenols	2.16	UG/L	85.6	106	151	57.4
Additional analytes determined						
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	145	135	392	104
2,4,5-Trichlorophenol	1.66	UG/L	ND	ND	ND	ND

ND= not detected
NA= not analyzed

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

Annual 2012

Source:			REC WATER	REC WATER	REC WATER	REC WATER
Date:			07-FEB-2012	01-MAY-2012	07-AUG-2012	02-OCT-2012
Analyte:	MDL	Units	P602896	P614121	P627029	P634451
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
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
Additional analytes determined						
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

ND= not detected
NA= not analyzed

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

Annual 2012

Source:			SB_INF_02	SB_INF_02	SB_INF_02	SB_INF_02
Date:			07-FEB-2012	01-MAY-2012	07-AUG-2012	02-OCT-2012
Analyte	MDL	Units	P602863	P614090	P626996	P634420
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	2.3	1.7	12.0
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	0.5	0.9	0.9	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	0.6	1.0	0.9	9.0
1,1,2,2-Tetrachloroethane	.5	UG/L	ND	ND	ND	ND
Tetrachloroethene	1.1	UG/L	5.6	ND	ND	ND
Toluene	.4	UG/L	0.6	1.3	0.8	0.7
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
1,2,4-Trichlorobenzene	.7	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	1.8	3.3	2.6	21.0
Purgeable Compounds	1.3	UG/L	8.5	5.5	4.3	21.7
Additional Analytes Determined						
Acetone	4.5	UG/L	332.0	453.0	291.0	195.0
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	6.5	10.9	10.1	6.4
Carbon disulfide	.6	UG/L	1.3	1.7	2.3	1.8
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

*= Blank did not meet QC criteria for this analyte due to contamination. The result value of the blank in this batch was 0.44 UG/L, result above the MDL. Result is not used in computations.
ND= not detected

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

Annual 2012

Analyte	MDL	Units	SB_OUTFALL_01 07-FEB-2012 P602868	SB_OUTFALL_01 01-MAY-2012 P614095	SB_OUTFALL_01 07-AUG-2012 P627001	SB_OUTFALL_01 02-OCT-2012 P634425
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	1.0	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	0.4	1.7	0.7	0.4
Chloromethane	.5	UG/L	ND	ND	ND	ND
Dibromochloromethane	.6	UG/L	ND	<0.6	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	ND	ND	0.3	ND
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
1,2,4-Trichlorobenzene	.7	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	0.4	1.7	1.0	0.4
Purgeable Compounds	1.3	UG/L	0.4	2.7	1.0	0.4
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
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 2012

Source:			SB_ITP_COMB_EFF	SB_ITP_COMB_EFF	SB_ITP_COMB_EFF	SB_ITP_COMB_EFF
Date:			07-FEB-2012	01-MAY-2012	07-AUG-2012	02-OCT-2012
Analyte	MDL	Units	P602873	P614100	P627006	P634430
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	3.1	1.9	0.9	0.8
Chloromethane	.5	UG/L	ND	ND	ND	ND
Dibromochloromethane	.6	UG/L	ND	0.6	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	1.6	1.9	1.5	1.3
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	ND	ND	1.7	ND
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
1,2,4-Trichlorobenzene	.7	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	3.1	1.9	2.6	0.8
Purgeable Compounds	1.3	UG/L	5.5	5.1	4.1	2.1
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
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 2012

Source:			SB_PRIEFF_10	SB_PRIEFF_10	SB_PRIEFF_10	SB_PRIEFF_10
Date:			07-FEB-2012	01-MAY-2012	07-AUG-2012	02-OCT-2012
Analyte	MDL	Units	P602878	P614105	P627011	P634435
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	1.1	4.2	1.7	1.2
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	0.5	0.4	0.5	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	0.6	0.6	1.5	6.1
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	0.8	0.5	2.5
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
1,2,4-Trichlorobenzene	.7	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	1.7	4.8	3.2	7.3
Purgeable Compounds	1.3	UG/L	2.2	6.0	4.2	10.4
Additional Analytes Determined						
Acetone	4.5	UG/L	338	6.9	276	210
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	6.7	ND	8.1
Carbon disulfide	.6	UG/L	0.6	1.8	2.4	2.3
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 2012

Source:			SB_SEC_EFF_20	SB_SEC_EFF_20	SB_SEC_EFF_20	SB_SEC_EFF_20
Date:			07-FEB-2012	01-MAY-2012	07-AUG-2012	02-OCT-2012
Analyte	MDL	Units	P602883	P614110	P627016	P634440
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	0.7	0.8	0.7	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	0.4	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	ND	ND	ND	10.6
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
1,2,4-Trichlorobenzene	.7	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	0.7	0.8	0.7	10.6
Purgeable Compounds	1.3	UG/L	1.1	0.8	0.7	10.6
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
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 2012

Source:			SB_REC_WATER_34	SB_REC_WATER_34	SB_REC_WATER_34	SB_REC_WATER_34
Date:			07-FEB-2012	01-MAY-2012	07-AUG-2012	02-OCT-2012
Analyte	MDL	Units	P602899	P614124	P627032	P634454
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	13.5	9.2	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	1.1	14.4	9.9	0.8
Chloromethane	.5	UG/L	ND	0.5	ND	ND
Dibromochloromethane	.6	UG/L	ND	6.8	6.0	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	ND	ND	ND	ND
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
1,2,4-Trichlorobenzene	.7	UG/L	ND	ND	ND	ND
Halomethane Purgeable Cmpnds	.7	UG/L	0.0	0.5	0.0	0.0
Total Dichlorobenzenes	.5	UG/L	0.0	0.0	0.0	0.0
Total Chloromethanes	.5	UG/L	1.1	14.9	9.9	0.8
Purgeable Compounds	1.3	UG/L	1.1	35.2	25.1	0.8
Additional Analytes Determined						
Acetone	4.5	UG/L	ND	23.8	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
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 2012

Source:			SB_RSL_10_B	SB_RSL_10_B	SB_RSL_10_B	SB_RSL_10_B
Date:			07-FEB-2012	01-MAY-2012	07-AUG-2012	02-OCT-2012
Analyte	MDL	Units	P602894	P614119	P627027	P634449
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	2.0	4.4	2.1	1.3
Chloromethane	.5	UG/L	ND	ND	ND	ND
Dibromochloromethane	.6	UG/L	ND	ND	ND	ND
1,2-Dichlorobenzene	.4	UG/L	0.4	0.8	ND	ND
1,3-Dichlorobenzene	.5	UG/L	ND	0.7	ND	ND
1,4-Dichlorobenzene	.4	UG/L	1.4	3.9	2.1	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	1.2	2.9	3.2	12.4
1,1,2,2-Tetrachloroethane	.5	UG/L	ND	ND	ND	ND
Tetrachloroethene	1.1	UG/L	2.3	ND	ND	ND
Toluene	.4	UG/L	2.2	3.3	1.6	1.5
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
1,2,4-Trichlorobenzene	.7	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	0.4	1.5	0.0	0.0
Total Chloromethanes	.5	UG/L	3.2	7.3	5.3	13.7
Purgeable Compounds	1.3	UG/L	9.5	16.0	9.0	16.0
Additional Analytes Determined						
Acetone	4.5	UG/L	393	275	91.5	297
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	10.3	14.7	9.0	9.9
Carbon disulfide	.6	UG/L	3.7	3.6	1.7	4.0
Chloroprene	.4	UG/L	ND	ND	ND	ND
Isopropylbenzene	.3	UG/L	ND	0.7	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	1.5	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	0.8	ND
Styrene	.3	UG/L	ND	1.2	ND	ND

ND= not detected

SOUTH BAY WATER RECLAMATION PLANT
Tributyl Tin Analysis

Annual 2012

Source:			INFLUENT	INFLUENT	INFLUENT	INFLUENT	EFFLUENT	EFFLUENT	EFFLUENT
Sample ID:			P602860	P614087	P626993	P634417	P602865	P614092	P626998
Analyte	MDL	Units	07-FEB-2012	01-MAY-2012	07-AUG-2012	02-OCT-2012	07-FEB-2012	01-MAY-2012	07-AUG-2012
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

Source:			EFFLUENT	COMB EFF	COMB EFF	COMB EFF	COMB EFF	PRI EFF	PRI EFF
SampleID:			P634422	P602870	P614097	P627003	P634427	P602875	P614102
Analyte	MDL	Units	02-OCT-2012	07-FEB-2012	01-MAY-2012	07-AUG-2012	02-OCT-2012	07-FEB-2012	01-MAY-2012
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

Source:			PRI EFF	PRI EFF	SEC EFF	SEC EFF	SEC EFF	SEC EFF	REC WATER
SampleID:			P627008	P634432	P602880	P614107	P627013	P634437	P602896
Analyte	MDL	Units	07-AUG-2012	02-OCT-2012	07-FEB-2012	01-MAY-2012	07-AUG-2012	02-OCT-2012	07-FEB-2012
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

Source:			REC WATER	REC WATER	REC WATER
Sample ID:			P614121	P627029	P634451
Analyte	MDL	Units	01-MAY-2012	07-AUG-2012	02-OCT-2012
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

Annual 2012

Source:				INFLUENT	INFLUENT TCDD	EFFLUENT	EFFLUENT TCDD
Date:				07-FEB-2012	07-FEB-2012	07-FEB-2012	07-FEB-2012
Analytes	MDL	Units	Equiv.	P602860	P602860	P602865	P602865
2,3,7,8-tetra CDD	.26	PG/L	1.000	ND	ND	ND	ND
1,2,3,7,8-penta CDD	.317	PG/L	0.500	ND	ND	ND	ND
1,2,3,4,7,8_hexa_CDD	.482	PG/L	0.100	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDD	.484	PG/L	0.100	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDD	.46	PG/L	0.100	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDD	.497	PG/L	0.010	90.6	0.906	ND	ND
octa CDD	1.41	PG/L	0.001	660	0.66	DNQ8.45	DNQ0.008
2,3,7,8-tetra CDF	.257	PG/L	0.100	ND	ND	ND	ND
1,2,3,7,8-penta CDF	.335	PG/L	0.050	ND	ND	ND	ND
2,3,4,7,8-penta CDF	.34	PG/L	0.050	ND	ND	ND	ND
1,2,3,4,7,8-hexa CDF	.284	PG/L	0.100	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDF	.281	PG/L	0.100	DNQ2.33	DNQ0.233	ND	ND
1,2,3,7,8,9-hexa CDF	.348	PG/L	0.100	ND	ND	ND	ND
2,3,4,6,7,8-hexa CDF	.294	PG/L	0.100	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDF	.324	PG/L	0.010	DNQ4.01	DNQ0.04	ND	ND
1,2,3,4,7,8,9-hepta CDF	.49	PG/L	0.010	ND	ND	ND	ND
octa CDF	.805	PG/L	0.001	DNQ12.0	DNQ0.012	ND	ND

Source:				INFLUENT	INFLUENT TCDD	EFFLUENT	EFFLUENT TCDD
Date:				01-MAY-2012	01-MAY-2012	01-MAY-2012	01-MAY-2012
Analytes	MDL	Units	Equiv.	P614087	P614087	P614092	P614092
2,3,7,8-tetra CDD	.26	PG/L	1.000	ND	ND	ND	ND
1,2,3,7,8-penta CDD	.317	PG/L	0.500	ND	ND	ND	ND
1,2,3,4,7,8_hexa_CDD	.482	PG/L	0.100	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDD	.484	PG/L	0.100	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDD	.46	PG/L	0.100	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDD	.497	PG/L	0.010	DNQ14.8	DNQ0.148	ND	ND
octa CDD	1.41	PG/L	0.001	260	0.26	DNQ6.53	DNQ0.007
2,3,7,8-tetra CDF	.257	PG/L	0.100	ND	ND	ND	ND
1,2,3,7,8-penta CDF	.335	PG/L	0.050	ND	ND	ND	ND
2,3,4,7,8-penta CDF	.34	PG/L	0.050	ND	ND	ND	ND
1,2,3,4,7,8-hexa CDF	.284	PG/L	0.100	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDF	.281	PG/L	0.100	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDF	.348	PG/L	0.100	ND	ND	ND	ND
2,3,4,6,7,8-hexa CDF	.294	PG/L	0.100	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDF	.324	PG/L	0.010	DNQ3.02	DNQ0.03	ND	ND
1,2,3,4,7,8,9-hepta CDF	.49	PG/L	0.010	ND	ND	ND	ND
octa CDF	.805	PG/L	0.001	DNQ9.53	DNQ0.01	ND	ND

ND= not detected
DNQ= (Detected but not quantified). Estimated analyte concentration below calibration range.

SOUTH BAY WATER RECLAMATION PLANT
Dioxin and Furan Analysis

Annual 2012

Source:				INFLUENT	INFLUENT TCDD	EFFLUENT	EFFLUENT TCDD
Date:				07-AUG-2012	07-AUG-2012	07-AUG-2012	07-AUG-2012
Analytes	MDL	Units	Equiv.	P626993	P626993	P626998	P626998
2,3,7,8-tetra CDD	.26	PG/L	1.000	ND	ND	ND	ND
1,2,3,7,8-penta CDD	.317	PG/L	0.500	ND	ND	ND	ND
1,2,3,4,7,8_hexa_CDD	.482	PG/L	0.100	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDD	.484	PG/L	0.100	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDD	.46	PG/L	0.100	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDD	.497	PG/L	0.010	DNQ19.3	DNQ0.193	ND	ND
octa CDD	1.41	PG/L	0.001	160	0.16	ND	ND
2,3,7,8-tetra CDF	.257	PG/L	0.100	ND	ND	ND	ND
1,2,3,7,8-penta CDF	.335	PG/L	0.050	ND	ND	ND	ND
2,3,4,7,8-penta CDF	.34	PG/L	0.050	ND	ND	ND	ND
1,2,3,4,7,8-hexa CDF	.284	PG/L	0.100	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDF	.281	PG/L	0.100	DNQ1.48	DNQ0.148	ND	ND
1,2,3,7,8,9-hexa CDF	.348	PG/L	0.100	ND	ND	ND	ND
2,3,4,6,7,8-hexa CDF	.294	PG/L	0.100	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDF	.324	PG/L	0.010	DNQ4.14	DNQ0.041	ND	ND
1,2,3,4,7,8,9-hepta CDF	.49	PG/L	0.010	ND	ND	ND	ND
octa CDF	.805	PG/L	0.001	DNQ7.69	DNQ0.008	ND	ND

Source:				INFLUENT	INFLUENT TCDD	EFFLUENT	EFFLUENT TCDD
Date:				02-OCT-2012	02-OCT-2012	02-OCT-2012	02-OCT-2012
Analytes	MDL	Units	Equiv.	P634417	P634417	P634422	P634422
2,3,7,8-tetra CDD	.26	PG/L	1.000	ND	ND	ND	ND
1,2,3,7,8-penta CDD	.317	PG/L	0.500	ND	ND	ND	ND
1,2,3,4,7,8_hexa_CDD	.482	PG/L	0.100	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDD	.484	PG/L	0.100	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDD	.46	PG/L	0.100	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDD	.497	PG/L	0.010	25.6	0.256	ND	ND
octa CDD	1.41	PG/L	0.001	160	0.16	ND	ND
2,3,7,8-tetra CDF	.257	PG/L	0.100	ND	ND	ND	ND
1,2,3,7,8-penta CDF	.335	PG/L	0.050	ND	ND	ND	ND
2,3,4,7,8-penta CDF	.34	PG/L	0.050	ND	ND	ND	ND
1,2,3,4,7,8-hexa CDF	.284	PG/L	0.100	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDF	.281	PG/L	0.100	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDF	.348	PG/L	0.100	ND	ND	ND	ND
2,3,4,6,7,8-hexa CDF	.294	PG/L	0.100	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDF	.324	PG/L	0.010	ND	ND	ND	ND
1,2,3,4,7,8,9-hepta CDF	.49	PG/L	0.010	ND	ND	ND	ND
octa CDF	.805	PG/L	0.001	DNQ8.47	DNQ0.008	ND	ND

ND= not detected
DNQ= (Detected but not quantified). Estimated analyte concentration below calibration range.

SOUTH BAY WATER RECLAMATION PLANT
Dioxin and Furan Analysis

Annual 2012

Source:				COMB EFF	COMB EFF TCDD	COMB EFF	COMB EFF TCDD
Date:				07-FEB-2012	07-FEB-2012	01-MAY-2012	01-MAY-2012
Analytes	MDL	Units	Equiv.	P602870	P602870	P614097	P614097
2,3,7,8-tetra CDD	.26	PG/L	1.000	ND	ND	ND	ND
1,2,3,7,8-penta CDD	.317	PG/L	0.500	ND	ND	ND	ND
1,2,3,4,7,8_hexa_CDD	.482	PG/L	0.100	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDD	.484	PG/L	0.100	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDD	.46	PG/L	0.100	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDD	.497	PG/L	0.010	DNQ3.4	DNQ0.034	ND	ND
octa CDD	1.41	PG/L	0.001	DNQ17.8	DNQ0.018	DNQ6.86	DNQ0.007
2,3,7,8-tetra CDF	.257	PG/L	0.100	ND	ND	ND	ND
1,2,3,7,8-penta CDF	.335	PG/L	0.050	ND	ND	ND	ND
2,3,4,7,8-penta CDF	.34	PG/L	0.050	ND	ND	ND	ND
1,2,3,4,7,8-hexa CDF	.284	PG/L	0.100	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDF	.281	PG/L	0.100	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDF	.348	PG/L	0.100	ND	ND	ND	ND
2,3,4,6,7,8-hexa CDF	.294	PG/L	0.100	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDF	.324	PG/L	0.010	ND	ND	ND	ND
1,2,3,4,7,8,9-hepta CDF	.49	PG/L	0.010	ND	ND	ND	ND
octa CDF	.805	PG/L	0.001	ND	ND	ND	ND

Source:				COMB EFF	COMB EFF TCDD	COMB EFF	COMB EFF TCDD
Date:				07-AUG-2012	07-AUG-2012	02-OCT-2012	02-OCT-2012
Analytes	MDL	Units	Equiv.	P627003	P627003	P634427	P634427
2,3,7,8-tetra CDD	.26	PG/L	1.000	ND	ND	ND	ND
1,2,3,7,8-penta CDD	.317	PG/L	0.500	ND	ND	ND	ND
1,2,3,4,7,8_hexa_CDD	.482	PG/L	0.100	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDD	.484	PG/L	0.100	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDD	.46	PG/L	0.100	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDD	.497	PG/L	0.010	ND	ND	ND	ND
octa CDD	1.41	PG/L	0.001	ND	ND	ND	ND
2,3,7,8-tetra CDF	.257	PG/L	0.100	ND	ND	ND	ND
1,2,3,7,8-penta CDF	.335	PG/L	0.050	ND	ND	ND	ND
2,3,4,7,8-penta CDF	.34	PG/L	0.050	ND	ND	ND	ND
1,2,3,4,7,8-hexa CDF	.284	PG/L	0.100	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDF	.281	PG/L	0.100	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDF	.348	PG/L	0.100	ND	ND	ND	ND
2,3,4,6,7,8-hexa CDF	.294	PG/L	0.100	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDF	.324	PG/L	0.010	ND	ND	ND	ND
1,2,3,4,7,8,9-hepta CDF	.49	PG/L	0.010	ND	ND	ND	ND
octa CDF	.805	PG/L	0.001	ND	ND	ND	ND

ND= not detected
DNQ= (Detected but not quantified). Estimated analyte concentration below calibration range.

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