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

Annual 2012

Source:			INFLUENT	INFLUENT	INFLUENT	INFLUENT
Date:	мы	11-24-	07-FEB-2012	01-MAY-2012	07-AUG-2012	02-0CT-2012
Analyte		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		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
						450
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)		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		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

Annual 2012

Source: Date:			EFFLUENT 07-FEB-2012	EFFLUENT 01-MAY-2012	EFFLUENT 07-AUG-2012	EFFLUENT 02-0CT-2012
	MDI	Unita	07-FEB-2012	01-MAT-2012	07-AUG-2012	02-001-2012
Analyte		Units				
		====== UG/L	425			422
Aluminum	47	•	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		UG/L	41.8	45.1	48.1	46.2
Beryllium		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
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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)		MG/L	190	174	169^	196
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Calcium	.04	MG/L	73.3	60.5	63.1	59.2
Lithium		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
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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	-	MG/L	ND	ND	ND	ND
BOD	2	MG/L	12	5	4	11
pH(Grab)	2	PH	7.29	7.29	7.51	7.42
	1					–
Settleable Solids	.1	ML/L	ND	ND	ND	ND
Turbidity		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

Annual 2012

Source:			COMB EFF	COMB EFF	COMB EFF	COMB EFF
Date:			07-FEB-2012	01-MAY-2012	07-AUG-2012	02-0CT-2012
Analyte		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		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
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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)		MG/L	189	158	143*	267
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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
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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	-	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	,	8.68	3.7	29.1	1.72
Total Kjeldahl Nitrogen	1.6	MG/L		ND	8.9	ND
Chlorine Residual, Total	.03	MG/L	6.6 ND	0.04	0.06	
Ammonia-N	.3	MG/L MG/L	1.9	0.3	1.0*	0.07 2.2
Ammonia-N 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

Annual 2012

Date Part	Source:			PRI EFF	PRI EFF	PRI EFF	PRI EFF
Analyte							
Aluminum 47 UG/L AB 228 339 334 Antimony 2.9 UG/L ND ND ND ND ND ND ND Arsenic 4 UG/L 0.7 0.5 0.7 0.7 0.7 0.5 0.7 0.7 0.7 0.5 0.7 0.7 0.7 0.7 0.5 0.7 0.7 0.7 0.7 0.7 0.5 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7		MDI	Units	07 110 2012	01 HAT 2012	07 A00 2012	02 001 2012
Aluminum							
Arsenic				478	228	330	334
Arsenic							
Barilim			•				
Beryllium			•				
Bor'on							
Cadmium .53 UG/L 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 668 279 295 244 Lead 2 UG/L ND ND ND 5 Manganese .24 UG/L 151 84.5 52.9 55.6 Mercury .095 UG/L 0.045 0.038 0.047 0.051 Molydenum .89 UG/L 7.37 4.27 4.17 4.66 Mickel .53 UG/L 0.73 1.02 0.88 0.92 Silver .4 UG/L ND ND ND ND Thallium, Total Recoverable 3.9 UG/L 4.4 ND ND ND Vanadium .64 MG/L 1.36.0 64.5 73.5 95.9	-				302	275	
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 .095 UG/L 0.045 0.038 0.047 0.051 Molybdenum .89 UG/L 7.37 4.27 4.17 4.60 Mickel .53 UG/L 0.73 1.02 0.88 0.92 Selenium .28 UG/L ND ND ND ND ND Vanadium .64 UG/L 2.38 1.67 1.23 1.57 Zinc .50 UG/L 2.38 1.67 1.23 1.57 Magnesium Hardness .1 MG/L 149 114		.53					ND
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 .095 UG/L 0.045 0.038 0.047 0.051 Molybdenum .89 UG/L 7.37 4.27 4.17 4.66 Nickel .53 UG/L 0.73 1.02 0.88 0.92 Silver .6 UG/L 0.73 1.02 0.88 0.92 Silver .6 0.73 1.02 0.88 0.92 Vanadium .7 0.0 ND ND <td>Chromium</td> <td>1.2</td> <td>UG/L</td> <td>3.4</td> <td>1.9</td> <td>1.8</td> <td>2.1</td>	Chromium	1.2	UG/L	3.4	1.9	1.8	2.1
Tron	Cobalt	.85	UG/L	ND	ND	ND	ND
Lead	Copper	2	UG/L	111	45	46	65
Manganese	Iron	37	UG/L	687	279	295	244
Mercury	Lead	2	UG/L	ND	ND	ND	5
Mercury	Manganese	.24	UG/L	151	84.5	52.9	55.6
Nickel .53 UG/L .23.7 .6.6 .13.0 .4.55		.005	UG/L	0.045	0.038	0.047	0.051
Selenium .28 UG/L 0.73 1.02 0.88 0.92 Silver .4 UG/L ND ND ND 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 Section of Market State	Molybdenum	.89	UG/L	7.37	4.27	4.17	4.60
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 ************************************	Nickel	.53	UG/L	23.7	6.6	13.0	4.55
Thallium, Total Recoverable	Selenium	.28	UG/L	0.73	1.02	0.88	0.92
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	Silver	.4	UG/L	ND	ND	0.6	ND
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 21.5 161 178 192 Bromide .1 MG/L 0.6 0.5 0.5 0.4 Chloride .7 MG/L 300 <td>Thallium, Total Recoverable</td> <td>3.9</td> <td>UG/L</td> <td>4.4</td> <td>ND</td> <td>ND</td> <td>ND</td>	Thallium, Total Recoverable	3.9	UG/L	4.4	ND	ND	ND
Calcium Hardness		.64	UG/L	2.38	1.67	1.23	1.57
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 ====================================			•	136.0			
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 ====================================				102			
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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							
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 ====================================					_		_
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							
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 ====================================			•				
Potassium .3 MG/L 18.7 15.7 17.4 18.4 Sodium 1 MG/L 215 161 178 192 ====================================			•				
Sodium 1 MG/L 215 161 178 192 ====================================	S .						
### Bromide ### Section ###			•				
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		_	•				
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	Bromide	.1	MG/L	0.6	0.5	0.5	0.4
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							
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 85 80 <td>Fluoride</td> <td>.05</td> <td></td> <td>0.51</td> <td>0.63</td> <td>0.63</td> <td>0.66</td>	Fluoride	.05		0.51	0.63	0.63	0.66
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 ND 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	Nitrate	.04	MG/L	0.26	0.19	0.2	0.17
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 ND 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	Ortho Phosphate	.2	MG/L	10.4	8.1	9.1	10.9
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 ND 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		9	MG/L	427	157	148	118
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 ND 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	Cyanides,Total	.002	MG/L	ND	ND	0.003	ND
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 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	BOD	2	MG/L	178	170	128	202
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 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	pH(Grab)		PH	7.8	7.61	7.76	7.61
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 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	Settleable Solids	.1	ML/L	0.3	1.4	1.5	2.5
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		.13	NTU	77.8	75.6	82.4	
Sulfides-Total .4 MG/L 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	Total Kjeldahl Nitrogen	1.6	MG/L	50.9	43.7	44.3	53.5
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							
Volatile Suspended Solids 1.6 MG/L 85 80 82.5 Total Dissolved Solids 28 MG/L 1090 1000 1090 1070							
Total Dissolved Solids 28 MG/L 1090 1000 1090 1070	•						
	•						
MBAS (Surfactants) .03 MG/L 7.6 6.8 6.71 6.85							
	MBAS (Surfactants)	.03	MG/L	7.6	6.8	6.71	6.85

ND= Not Detected NR= Not Required

Annual 2012

Source:			SEC_EFF	SEC_EFF	SEC_EFF	SEC_EFF
Date:		_	07-FEB-2012	01-MAY-2012	07-AUG-2012	02-0CT-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		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						9.48 ND
	.4	UG/L	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)		MG/L	192	175	NR	205
		======	========	========	========	========
Calcium	.04	MG/L	72.5	57.8	64.0	58.9
Lithium		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	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 MG/L	1050	1040	1110	1150
MBAS (Surfactants)	.03	MG/L MG/L	0.16	0.15	0.13	0.15
MUND (Sui lactailts)	.03	nu/ L	6.10	0.13	6.13	6.13

ND= Not Detected NR= Not Required

Annual 2012

Source:			RAW SLUDGE	RAW SLUDGE	RAW SLUDGE	RAW SLUDGE
Date:			07-FEB-2012	01-MAY-2012	07-AUG-2012	02-0CT-2012
Analyte		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		UG/L	439	1150	1650	374
Beryllium		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)		MG/L	NR	724	925	1040
			========	========		=======
Calcium	.04	MG/L	87.5	114	112	67.9
Lithium		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
Du and de	====	=======				
Bromide Chlomida	.1 7	MG/L	0.6	0.5	0.3	0.4
Chloride	-	MG/L	317	273 ND	232	259
Fluoride	.05 .04	MG/L	0.45	0.17	0.34 0.2	0.54 0.1
Nitrate	.2	MG/L	0.17 30.9	46.0	61.5	23.6
Ortho Phosphate Sulfate	. 2 9	MG/L MG/L	30.9 65	46.0	17	40
Cyanides, Total	-	MG/L MG/L	0.002	0.003	0.003	<0.004#
Total Kjeldahl Nitrogen	1.6	MG/L MG/L	217	492	512	150
Sulfides-Total	.4	MG/L MG/L	19.2	38.4	51.9	17.9
SUTITUES-INCUT	• 4	nd/ L	19.2	30.4	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

Annual 2012

Source:			REC WATER	REC WATER	REC WATER	REC WATER
Date:			07-FEB-2012	01-MAY-2012	07-AUG-2012	02-0CT-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		UG/L	36.8	43.7	47.2	43.6
Beryllium		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)		MG/L	185	167	170^	199
		======	=========	========		
Calcium	.04	MG/L	70.8	62.4	65.1	60.7
Lithium		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	
Nitrate	.04	MG/L	26.5		43.1	0.61 22.0
Ortho Phosphate	.2	•	26.5	42.5 7.3	5.4	1.6
Sulfate	. 2 9	MG/L	2.6 177	7.3 174	160	146
Cyanides, Total	-	MG/L MG/L	0.002	0.004	0.002	0.003
BOD	2	MG/L	3	ND	0.002 ND	ND
pH(Grab)	2	PH	7.25	6.74	7.72	7.55
	12	NTU	7.25 NR	NR	0.78	0.8
Turbidity Total Kjeldahl Nitrogen	.13 1.6	MG/L	4.0	NR 2.2	0.78 ND	7.0
Ammonia-N	.3	MG/L MG/L	4.0 0.7	Z.Z ND	ND ND	7.0 3.1
Sulfides-Total	.4	MG/L MG/L	ND	ND ND	ND ND	ND
Total Suspended Solids	1.4	MG/L MG/L	4.2	2.1	ND ND	ND ND
Volatile Suspended Solids	1.6	MG/L MG/L	2.9	Z.I ND	ND ND	ND ND
Total Dissolved Solids	28	MG/L 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

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
02-0CT-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
02-0CT-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		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
F	Sample ID = ======= === P602875	•	
=======================================	- ======== ===		=======================================
PRI EFF 07-FEB-2012	P602875	2.3 ± 3.8	24.7 ± 7.6
PRI EFF 07-FEB-2012 PRI EFF 01-MAY-2012	P602875	2.3 ± 3.8 2.5 ± 3.7	24.7 ± 7.6 19.3 ± 5.7
PRI EFF 07-FEB-2012 PRI EFF 01-MAY-2012 PRI EFF 07-AUG-2012	P602875 P614102 P627008 P634432	2.3 ± 3.8 2.5 ± 3.7 3.6 ± 3.3	24.7 ± 7.6 19.3 ± 5.7 15.8 ± 4.0
PRI EFF 07-FEB-2012 PRI EFF 01-MAY-2012 PRI EFF 07-AUG-2012 PRI EFF 02-OCT-2012	P602875 P614102 P627008 P634432	2.3 ± 3.8 2.5 ± 3.7 3.6 ± 3.3 -1.1 ± 3.7	24.7 ± 7.6 19.3 ± 5.7 15.8 ± 4.0 21.6 ± 4.2
PRI EFF 07-FEB-2012 PRI EFF 01-MAY-2012 PRI EFF 07-AUG-2012 PRI EFF 02-OCT-2012 ========AVERAGE Source Sample Date	P602875 P614102 P627008 P634432 ==================================	2.3 ± 3.8 2.5 ± 3.7 3.6 ± 3.3 -1.1 ± 3.7 	24.7 ± 7.6 19.3 ± 5.7 15.8 ± 4.0 21.6 ± 4.2
PRI EFF 07-FEB-2012 PRI EFF 01-MAY-2012 PRI EFF 07-AUG-2012 PRI EFF 02-OCT-2012 ========AVERAGE Source Sample Date	P602875 P614102 P627008 P634432 Sample ID	2.3 ± 3.8 2.5 ± 3.7 3.6 ± 3.3 -1.1 ± 3.7 	24.7 ± 7.6 19.3 ± 5.7 15.8 ± 4.0 21.6 ± 4.2
PRI EFF 07-FEB-2012 PRI EFF 01-MAY-2012 PRI EFF 07-AUG-2012 PRI EFF 02-OCT-2012 ===================================	P602875 P614102 P627008 P634432 Sample ID P602880	2.3 ± 3.8 2.5 ± 3.7 3.6 ± 3.3 -1.1 ± 3.7 -1.8 ± 3.6 Gross Alpha Radiation -0.7 ± 2.6	24.7 ± 7.6 19.3 ± 5.7 15.8 ± 4.0 21.6 ± 4.2
PRI EFF 07-FEB-2012 PRI EFF 01-MAY-2012 PRI EFF 07-AUG-2012 PRI EFF 02-OCT-2012 ===================================	P602875 P614102 P627008 P634432 Sample ID P602880 P614107	2.3 ± 3.8 2.5 ± 3.7 3.6 ± 3.3 -1.1 ± 3.7 	24.7 ± 7.6 19.3 ± 5.7 15.8 ± 4.0 21.6 ± 4.2
PRI EFF 07-FEB-2012 PRI EFF 01-MAY-2012 PRI EFF 07-AUG-2012 PRI EFF 02-OCT-2012 ===================================	P602875 P614102 P627008 P634432 ==================================	2.3 ± 3.8 2.5 ± 3.7 3.6 ± 3.3 -1.1 ± 3.7 	24.7 ± 7.6 19.3 ± 5.7 15.8 ± 4.0 21.6 ± 4.2
PRI EFF 07-FEB-2012 PRI EFF 01-MAY-2012 PRI EFF 07-AUG-2012 PRI EFF 02-OCT-2012 ===================================	P602875 P614102 P627008 P634432 Sample ID P602880 P614107 P627013 P634437	2.3 ± 3.8 2.5 ± 3.7 3.6 ± 3.3 -1.1 ± 3.7 	24.7 ± 7.6 19.3 ± 5.7 15.8 ± 4.0 21.6 ± 4.2
PRI EFF 07-FEB-2012 PRI EFF 01-MAY-2012 PRI EFF 07-AUG-2012 PRI EFF 02-OCT-2012 ===================================	P602875 P614102 P627008 P634432 Sample ID P602880 P614107 P627013 P634437	2.3 ± 3.8 2.5 ± 3.7 3.6 ± 3.3 -1.1 ± 3.7 	24.7 ± 7.6 19.3 ± 5.7 15.8 ± 4.0 21.6 ± 4.2
PRI EFF 07-FEB-2012 PRI EFF 01-MAY-2012 PRI EFF 07-AUG-2012 PRI EFF 02-OCT-2012 ===================================	P602875 P614102 P627008 P634432 ==================================	2.3 ± 3.8 2.5 ± 3.7 3.6 ± 3.3 -1.1 ± 3.7 	24.7 ± 7.6 19.3 ± 5.7 15.8 ± 4.0 21.6 ± 4.2 20.4 ± 5.4 Gross Beta Radiation 24.3 ± 4.9 24.3 ± 6.2 20.7 ± 4.9 17.2 ± 3.4 21.6 ± 4.9
PRI EFF 07-FEB-2012 PRI EFF 01-MAY-2012 PRI EFF 07-AUG-2012 PRI EFF 02-OCT-2012 ===================================	P602875 P614102 P627008 P634432 ==================================	2.3 ± 3.8 2.5 ± 3.7 3.6 ± 3.3 -1.1 ± 3.7 	24.7 ± 7.6 19.3 ± 5.7 15.8 ± 4.0 21.6 ± 4.2
PRI EFF 07-FEB-2012 PRI EFF 01-MAY-2012 PRI EFF 07-AUG-2012 PRI EFF 02-OCT-2012 ===================================	P602875 P614102 P627008 P634432 ==================================	2.3 ± 3.8 2.5 ± 3.7 3.6 ± 3.3 -1.1 ± 3.7 	24.7 ± 7.6 19.3 ± 5.7 15.8 ± 4.0 21.6 ± 4.2
PRI EFF 07-FEB-2012 PRI EFF 01-MAY-2012 PRI EFF 07-AUG-2012 PRI EFF 02-OCT-2012	P602875 P614102 P627008 P634432 Sample ID P602880 P614107 P627013 P634437 Sample ID Sample ID P602880 P614107 P627013 P634437	2.3 ± 3.8 2.5 ± 3.7 3.6 ± 3.3 -1.1 ± 3.7 	24.7 ± 7.6 19.3 ± 5.7 15.8 ± 4.0 21.6 ± 4.2 20.4 ± 5.4 Gross Beta Radiation 24.3 ± 4.9 24.3 ± 6.2 20.7 ± 4.9 17.2 ± 3.4 Gross Beta Radiation 21.6 ± 4.9 Gross Beta Radiation 21.6 ± 4.9
PRI EFF 07-FEB-2012 PRI EFF 01-MAY-2012 PRI EFF 07-AUG-2012 PRI EFF 02-OCT-2012 ===================================	P602875 P614102 P627008 P634432 ==================================	2.3 ± 3.8 2.5 ± 3.7 3.6 ± 3.3 -1.1 ± 3.7 	24.7 ± 7.6 19.3 ± 5.7 15.8 ± 4.0 21.6 ± 4.2 20.4 ± 5.4 Gross Beta Radiation 24.3 ± 4.9 24.3 ± 6.2 20.7 ± 4.9 17.2 ± 3.4 21.6 ± 4.9 Gross Beta Radiation 21.8 ± 6.3
PRI EFF 07-FEB-2012 PRI EFF 01-MAY-2012 PRI EFF 07-AUG-2012 PRI EFF 02-OCT-2012	P602875 P614102 P627008 P634432 Sample ID P602880 P614107 P627013 P634437 Sample ID Sample ID P602880 P614107 P627013 P634437	2.3 ± 3.8 2.5 ± 3.7 3.6 ± 3.3 -1.1 ± 3.7 	24.7 ± 7.6 19.3 ± 5.7 15.8 ± 4.0 21.6 ± 4.2 20.4 ± 5.4 Gross Beta Radiation 24.3 ± 4.9 24.3 ± 6.2 20.7 ± 4.9 17.2 ± 3.4 Gross Beta Radiation 21.6 ± 4.9 Gross Beta Radiation 21.6 ± 4.9
PRI EFF 07-FEB-2012 PRI EFF 01-MAY-2012 PRI EFF 07-AUG-2012 PRI EFF 02-OCT-2012 ===================================	Sample ID Feduration Sample ID Feduration Feduration Sample ID Feduration Feduration Feduration Feduration Sample ID Feduration Feduration	2.3 ± 3.8 2.5 ± 3.7 3.6 ± 3.3 -1.1 ± 3.7 	24.7 ± 7.6 19.3 ± 5.7 15.8 ± 4.0 21.6 ± 4.2 20.4 ± 5.4 Gross Beta Radiation 24.3 ± 4.9 24.3 ± 6.2 20.7 ± 4.9 17.2 ± 3.4 Cross Beta Radiation 21.6 ± 4.9 Gross Beta Radiation 21.6 ± 7.1 20.1 ± 5.0

ND= Not Detected

Units in picocuries/liter (pCi/L)

Annual 2012

Date:	Source:			INFLUENT	INFLUENT	INFLUENT	INFLUENT
Analyte							
Aldrin 7 NG/L ND ND ND ND ND ND ND NBHC, Beta isomer 6 NG/L ND		MDI	Units				
BHC, Alpha isomer	•						
BHC, Alpha isomer	Aldrin	7	NG/L				
BHC, Delta isomer							ND
BHC, Delta isomer		6	NG/L	ND	ND	ND	ND
Alpha (cis) Chlordane		4	NG/L	ND	ND	ND	ND
Gamma (trans) Chlordane 4 NG/L ND ND ND ND ND NA N	BHC, Gamma isomer	5	NG/L	ND	ND	ND	ND
Alpha Chlordene	Alpha (cis) Chlordane	3	NG/L	ND	ND	ND	ND
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 4 NG/L ND ND ND ND Alpha Endosulfan 5 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 10 NG/L ND ND ND ND Mirex 10 NG/L ND ND ND ND Mirex 10 NG/L ND ND ND ND O,p-DDD	Gamma (trans) Chlordane	4	NG/L	ND	ND	ND	ND
Cis Nonachlor 5 NG/L ND	Alpha Chlordene		NG/L	NA	NA	NA	NA
Dieldrin	Gamma Chlordene		NG/L	NA	NA	NA	NA
Endosulfan Sulfate	Cis Nonachlor	5	NG/L	ND	ND	ND	ND
Alpha Endosulfan	Dieldrin	8	NG/L	ND	ND	ND	ND
Beta Endosulfan	Endosulfan Sulfate	6	NG/L	ND	ND	ND	ND
Endrin aldehyde 9 NG/L ND	Alpha Endosulfan	4	NG/L	ND	ND	ND	ND
Endrin aldehyde	Beta Endosulfan	5	NG/L	ND	ND	ND	ND
Heptachlor			NG/L	ND	ND	ND	ND
Heptachlor epoxide 4 NG/L ND ND ND ND Methoxychlor 10 NG/L ND	Endrin aldehyde	-	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-DDT 3 NG/L ND ND ND ND Oxychlordane 6 NG/L ND ND ND ND PCB 1216 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 1260 2000 NG/L ND ND ND ND PCB 1262 930 NG/L ND ND ND ND PCB 126	Heptachlor		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 ND PCB 1016 4000 NG/L ND ND ND ND ND PCB 1216 4000 NG/L ND ND ND ND ND PCB 1221 4000 NG/L ND ND <td>•</td> <td></td> <td></td> <td></td> <td></td> <td>ND</td> <td></td>	•					ND	
o,p-DDD 4 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 1216 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 1262 930 NG/L ND ND ND ND P,p-DDD 4 NG/L ND ND ND ND P,p-DDT<	Methoxychlor		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 P.p.p-DDD 4 NG/L ND ND ND ND P.p.p-DDD 4 NG/L ND ND ND ND P.p.p-D							
o,p-DDT 3 NG/L ND ND ND ND Oxychlordane 6 NG/L ND ND ND ND ND PCB 1016 4000 NG/L ND ND ND ND ND ND PCB 1221 4000 NG/L 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-DDT 8 NG/L ND ND ND ND Toxaphene 330 NG/L ND ND ND ND Tran		-					
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-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 ****Trans Nonachlor 5 NG/L ND ND ND ND ***Trans Nonachlor 5 NG/L <td></td> <td>-</td> <td></td> <td></td> <td></td> <td></td> <td></td>		-					
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 ND PCB 1254 2000 NG/L ND ND ND ND ND ND PCB 1260 2000 NG/L 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-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 ====================================							
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-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 ************************************			•				
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-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 ************************************							
PCB 1254 2000 NG/L ND							
PCB 1260 2000 NG/L ND ND ND ND PCB 1262 930 NG/L ND ND ND ND ND p,p-DDD 4 NG/L ND ND ND ND ND p,p-DDE 4 NG/L ND ND ND ND ND p,p-DDT 8 NG/L ND ND ND ND ND Toxaphene 330 NG/L ND ND ND ND ND Trans Nonachlor 5 NG/L ND ND ND ND ND Aldrin + Dieldrin 8 NG/L 0 0 0 0 0 Hexachlorocyclohexanes 7 NG/L 0 0 0 0 0 DDT and derivatives 8 NG/L 0 0 0 0 0 Polychlorinated biphenyls 4000 NG/L 0 0 0 0 0 Endosulfans 6 NG/L 0 0 0 0 0							
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 Ad p,p-DDT 8 NG/L ND ND <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>							
p,p-DDD 4 NG/L ND ND ND ND p,p-DDE 4 NG/L ND ND ND A p,p-DDT 8 NG/L ND ND ND ND ND Toxaphene 330 NG/L ND ND ND ND ND Trans Nonachlor 5 NG/L ND ND ND ND ND Aldrin + Dieldrin 8 NG/L 0 0 0 0 0 Hexachlorocyclohexanes 7 NG/L 0 0 0 0 0 0 DDT and derivatives 8 NG/L 0 0 0 0 0 0 Chlordane + related cmpds. 6 NG/L 0 0 0 0 0 0 0 Endosulfans 6 NG/L 0 0 0 0 0 0 0 Heptachlors 8 NG/L<							
p,p-DDE 4 NG/L ND ND ND 4 p,p-DDT 8 NG/L ND ND ND ND ND Toxaphene 330 NG/L ND ND ND ND ND Trans Nonachlor 5 NG/L ND ND ND ND ND Aldrin + Dieldrin 8 NG/L 0 0 0 0 0 Hexachlorocyclohexanes 7 NG/L 0 0 0 0 0 DDT and derivatives 8 NG/L 0 0 0 0 0 Chlordane + related cmpds. 6 NG/L 0 0 0 0 0 Polychlorinated biphenyls 4000 NG/L 0 0 0 0 0 Endosulfans 6 NG/L 0 0 0 0 0 Heptachlors 8 NG/L 0 0 0 0 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
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							
Toxaphene 330 NG/L ND	• • •						
Trans Nonachlor 5 NG/L ND ND ND ND ND Aldrin + Dieldrin 8 NG/L 0 0 0 0 0 Hexachlorocyclohexanes 7 NG/L 0 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	• • •						
Aldrin + Dieldrin 8 NG/L 0 0 0 0 0 Hexachlorocyclohexanes 7 NG/L 0 0 0 0 0 DDT and derivatives 8 NG/L 0 0 0 0 0 Chlordane + related cmpds. 6 NG/L 0 0 0 0 0 Polychlorinated biphenyls 4000 NG/L 0 0 0 0 Endosulfans 6 NG/L 0 0 0 0 0 Heptachlors 8 NG/L 0 0 0 0 0	•						
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			•				
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							
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			•				
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							
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							
Endosulfans 6 NG/L 0 0 0 0 Heptachlors 8 NG/L 0 0 0 0	•			-	-		
Heptachlors 8 NG/L 0 0 0 0 0							
				-	-		
	'			========	========	========	========
				0	0	0	4

ND=not detected NA=not analyzed

Annual 2012

Source:			EFFLUENT	EFFLUENT	EFFLUENT	EFFLUENT
Date:				01-MAY-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		NG/L	ND	ND	ND	ND
PCB 1221		NG/L	ND	ND	ND	ND
PCB 1232	360	NG/L	ND	ND	ND	ND
PCB 1242		NG/L	ND	ND	ND	ND
PCB 1248		NG/L	ND	ND	ND	ND
PCB 1254		NG/L	ND	ND	ND	ND
PCB 1260		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	o 7	NG/L NG/L	0	0	0	0
DDT and derivatives	8	NG/L	0	0	0	0
Chlordane + related cmpds.	6	NG/L	9	0	0	0
Polychlorinated biphenyls	4000		9	0	0	0
Endosulfans	6	NG/L	0	0	0	0
Heptachlors	8	NG/L	9	0	9	0
=======================================	-		========	========	========	========
Chlorinated Hydrocarbons		NG/L	0	0	0	0
22. 2acca, a. cca. bollo		, -	Ü	Ü	Ü	Ü

ND=not detected NA=not analyzed

Annual 2012

Source:			COMB EFF	COMB EFF	COMB EFF	COMB EFF
Date:				01-MAY-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
0xychlordane	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
======================================	==== 8	===== NG/L	0	0	0	0
Hexachlorocyclohexanes	o 7	NG/L NG/L	0	0	0	0
DDT and derivatives	8	NG/L	0	0	0	0
Chlordane + related cmpds.	-	NG/L NG/L	0	0	0	0
Polychlorinated biphenyls		NG/L NG/L	0	0	0	0
Endosulfans	6	NG/L NG/L	0	0	0	0
Heptachlors	8	NG/L NG/L	0	0	0	0
=======================================			========	========	========	========
Chlorinated Hydrocarbons	4000		0	0	0	0
•						

ND=not detected NA=not analyzed

Annual 2012

Source:			PRI EFF	PRI EFF	PRI EFF	PRI EFF
Date:				01-MAY-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
0xychlordane	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 . Dialdrin	==== 8	===== NG/L	0			
Aldrin + Dieldrin Hexachlorocyclohexanes	o 7	NG/L NG/L	0	0	0 0	0
DDT and derivatives	8	NG/L	0	0	0	3
Chlordane + related cmpds.	6	NG/L NG/L	0	0	0	9
Polychlorinated biphenyls		NG/L NG/L	0	0	0	0
Endosulfans	6	NG/L NG/L	0	0	0	0
Heptachlors	8	NG/L NG/L	0	0	0	0
=======================================			========	========	========	========
Chlorinated Hydrocarbons	4000		0	0	0	3
,		-,	-	-	-	-

ND=not detected NA=not analyzed

Annual 2012

Source:			SEC EFF	SEC EFF	SEC EFF	SEC EFF
Date:				01-MAY-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		0	0	0	0
Endosulfans	6	NG/L	0	0	0	0
Heptachlors	8	NG/L	0	0	0	0
Chloninated Hydrocarbons	4000		0	0	0	0
Chlorinated Hydrocarbons	4000	NG/ L	0	0	0	0

ND=not detected NA=not analyzed

Annual 2012

Source:			RSL	RSL	RSL	RSL
Date:			_	01-MAY-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
======================================	==== 8	===== NG/L	0	0	0	0
	o 7	- ,	0	0	0	0
Hexachlorocyclohexanes DDT and derivatives	/ 8	NG/L NG/L	0	0	160	0
	6		0	9	160	0
Chlordane + related cmpds. Polychlorinated biphenyls		NG/L NG/L	0	0	0	0
Endosulfans	6	NG/L NG/L	0	0	0	0
Heptachlors	8	NG/L NG/L	0	0	0	0
=======================================			=========	=========	=========	========
Chlorinated Hydrocarbons		NG/L	0	0	160	0

ND=not detected NA=not analyzed

Annual 2012

Source:			REC WATER	REC WATER	REC WATER	REC WATER
Date:			_	_	07-AUG-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
0xychlordane	6	NG/L	ND	ND	ND	ND
PCB 1016		NG/L	ND	ND	ND	ND
PCB 1221		NG/L	ND	ND	ND	ND
PCB 1232	360	NG/L	ND	ND	ND	ND
PCB 1242		NG/L	ND	ND	ND	ND
PCB 1248		NG/L	ND	ND	ND	ND
PCB 1254		NG/L	ND	ND	ND	ND
PCB 1260		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	9	0	9	0
Polychlorinated biphenyls	4000		9	0	0	0
Endosulfans	6	NG/L	9	9	0	0
Heptachlors	8	NG/L	9	0	0	0
=======================================	-		========	========	========	========
Chlorinated Hydrocarbons	4000		0	0	0	0
		-, -	·	·	·	·

ND=not detected NA=not analyzed

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

Annual 2012

Source:			INF	INF	EFF	EFF	COMB EFF
Date: Analyte	MDI	Units	P614087	P634417	01-MAY-2012 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		UG/L	ND	ND	ND	ND	ND
Parathion		UG/L	ND	ND		ND	ND
Dichlorvos		UG/L	ND	ND	ND	ND	ND
Disulfoton		UG/L	ND	ND		ND	ND
Dimethoate		UG/L	ND	ND	ND	ND	ND
Stirophos		UG/L	ND ND	ND ND	ND ND	ND ND	ND ND
Coumaphos Chlorpyrifos		UG/L UG/L	ND ND	ND ND	ND ND	ND ND	ND ND
=======================================					ND =========		
Thiophosphorus Pesticides	.15	UG/L	0.0	0.0	0.0	0.0	0.0
Demeton -0, -S		UG/L	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:			02-0CT-2012	01-MAY-2012	02-0CT-2012	01-MAY-2012	02-0CT-2012
Analyte	MDL	Units	P634427	P614102	P634432	P614107	P634437
		=====			========		
Demeton O		UG/L	ND	ND	ND	ND	ND
Demeton S		UG/L	ND	ND		ND	ND
Diazinon		UG/L	0.07	ND	ND	ND	ND
Guthion Malathion		UG/L	ND ND	ND ND	ND ND	ND ND	ND ND
Parathion		UG/L UG/L	ND ND	ND ND		ND ND	ND ND
Dichlorvos		UG/L	ND ND	ND ND	ND ND	ND ND	ND ND
Disulfoton		UG/L	ND	ND ND	ND ND	ND.	ND ND
Dimethoate		UG/L	ND.	ND	ND	ND.	ND
Stirophos		UG/L	ND	ND	ND	ND	ND
Coumaphos		UG/L	ND	ND	ND	ND	ND
Chlorpyrifos	.03	UG/L	ND	ND	ND	ND	ND
		=====	========				
Thiophosphorus Pesticides		UG/L	0.0	0.0	0.0	0.0	0.0
Demeton -0, -S		UG/L	0.0	0.0	0.0	0.0	0.0
Total Organophosphorus Pesticides			0.07	0.0	0.0	0.0	0.0
Source:			RSL	RSL	RECLAIM	DECLATM.	
Date:					01-MAY-2012	RECLAIM	
Analyte	MDI	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		UG/L	ND	ND		ND	
Malathion		UG/L	ND	ND		ND	
Parathion		UG/L	ND	ND		ND	
Dichlorvos		UG/L	ND	ND		ND	
Disulfoton		UG/L	ND	ND		ND ND	
Dimethoate Stinophos		UG/L	ND ND	ND		ND ND	
Stirophos		UG/L UG/L	ND ND	ND ND		ND ND	
Coumaphos Chlorpyrifos		UG/L UG/L	ND ND	ND	ND	ND ND	
======================================					ND =========		
Thiophosphorus Pesticides		UG/L	0.0	0.0		0.0	
Demeton -O, -S		UG/L	0.0	0.0		0.0	
=======================================							
Total Organophosphorus Pesticides	.15	UG/L	0.0	0.0	0.0	0.0	

Annual 2012

Source:			SB_INF_02	SB_INF_02	SB_INF_02	SB_INF_02
Date:	MDL	Units	07-FEB-2012 P602860	01-MAY-2012 P614087	07-AUG-2012 P626993	02-0CT-2012 P634417
Analyte						
Acenaphthene	1.8		ND	ND	ND	ND
Acenaphthylene	1.77		ND ND	ND ND	ND ND	ND ND
Anthracene	1.29		ND ND	ND ND	ND ND	ND ND
Benzidine	1.52		ND ND	ND ND	ND ND	ND ND
Benzo[a]anthracene	1.1		ND ND	ND ND	ND ND	ND ND
3,4-Benzo(b)fluoranthene	1.35		ND ND	ND ND	ND ND	ND ND
Benzo[k]fluoranthene	1.49		ND ND	ND ND	ND ND	ND ND
Benzo[a]pyrene	1.25		ND ND	ND ND	ND ND	ND ND
Benzo[g,h,i]perylene	1.09		ND	ND ND	ND	ND ND
4-Bromophenyl phenyl ether	1.4		ND ND	ND ND	ND ND	ND ND
Bis-(2-chloroethoxy) methane	1.01	,	ND	ND ND	ND	ND ND
Bis-(2-chloroethyl) ether	1.38		ND	ND ND	ND	ND ND
Bis-(2-chloroisopropyl) ether	1.16		ND	ND ND	ND	ND ND
4-Chlorophenyl phenyl ether	1.57		ND ND	ND ND	ND ND	ND ND
2-Chloronaphthalene	1.87		ND ND	ND ND	ND ND	ND ND
Chrysene	1.16		ND ND	ND ND	ND ND	ND ND
Dibenzo(a,h)anthracene	1.01		ND ND	ND ND	ND ND	ND ND
Butyl benzyl phthalate	2.84		ND ND	ND ND	ND ND	ND ND
Di-n-butyl phthalate	3.96		ND ND	ND ND	ND ND	ND ND
Bis-(2-ethylhexyl) phthalate	8.96		22.5	ND ND	23.7	10.5
Diethyl phthalate	3.05		10.0	5.7	8.6	7.0
Dimethyl phthalate	1.44		ND	ND	ND	ND
Di-n-octyl phthalate	1	UG/L	ND ND	ND ND	ND ND	ND ND
3,3-Dichlorobenzidine	2.44		ND ND	ND ND	ND ND	ND ND
2,4-Dinitrotoluene	1.36		ND ND	ND ND	ND ND	ND ND
2,6-Dinitrotoluene			ND ND	ND ND	ND ND	ND ND
	1.53 1.37		ND ND	ND ND	ND ND	ND ND
1,2-Diphenylhydrazine Fluoranthene	1.33		ND ND	ND ND	ND ND	ND ND
Fluorene	1.61		ND ND	ND ND	ND ND	ND ND
Hexachlorobenzene	1.48		ND ND	ND ND	ND ND	ND ND
Hexachlorobutadiene	1.64		ND ND	ND ND	ND ND	ND ND
Hexachlorocyclopentadiene	1.25		ND ND	ND ND	ND ND	ND ND
Hexachloroethane	1.32		ND ND	ND ND	ND ND	ND ND
Indeno(1,2,3-CD)pyrene	1.14		ND ND	ND ND	ND ND	ND ND
Isophorone	1.53		ND ND	ND ND	ND ND	ND ND
Naphthalene	1.65		ND ND	ND ND	ND ND	ND ND
Nitrobenzene	1.6		ND ND	ND ND	ND ND	ND ND
N-nitrosodimethylamine	1.27	•	ND ND	ND ND	ND ND	ND ND
N-nitrosodi-n-propylamine	1.16		ND ND	ND ND	ND ND	ND ND
N-nitrosodiphenylamine	3.48		ND ND	ND ND	ND ND	ND ND
Phenanthrene	1.34		ND ND	ND ND	ND ND	ND ND
Pyrene	1.43		ND ND	ND ND	ND ND	ND ND
1,2,4-Trichlorobenzene	1.52		ND ND	ND ND	ND ND	ND ND
=======================================					ND	
Polynuc. Aromatic Hydrocarbons			0.0	0.0	0.0	0.0
De la (Navitura I. Companya da						
Base/Neutral Compounds	8.96	UG/L	32.5	5.7	32.3	17.5
Additional analytes determined						
						=======================================
Benzo[e]pyrene	1.44		ND	ND	ND	ND
Biphenyl	2.29		ND	ND	ND	ND
2,6-Dimethylnaphthalene	2.16		ND	ND	ND	ND
1-Methylnaphthalene	2.18	UG/L	ND	ND	ND	ND
1-Methylphenanthrene	1.46		ND	ND	ND	ND
<pre>2-Methylnaphthalene</pre>	2.14		ND	ND	ND	ND
2,3,5-Trimethylnaphthalene	2.18		ND	ND	ND	ND
Perylene	1.41		ND	ND	ND	ND
Pyridine	3.33	UG/L	ND	ND	ND	ND

Annual 2012

Source:			SB_OUTFALL_01	SB_OUTFALL_01	SB_OUTFALL_01	SB_OUTFALL_01
Date: Analyte	MDL	Units	07-FEB-2012 P602865	01-MAY-2012 P614092	07-AUG-2012 P626998	02-0CT-2012 P634422
=======================================						
Acenaphthene	1.8	UG/L	ND	ND	ND	ND
Acenaphthylene		UG/L	ND	ND	ND	ND
Anthracene		UG/L	ND	ND	ND	ND
Benzidine		UG/L	ND	ND	ND	ND
Benzo[a]anthracene		UG/L	ND	ND	ND	ND
3,4-Benzo(b)fluoranthene		UG/L	ND	ND	ND	ND
Benzo[k]fluoranthene		UG/L	ND	ND	ND	ND
Benzo[a]pyrene Benzo[g,h,i]perylene		UG/L UG/L	ND ND	ND ND	ND ND	ND ND
4-Bromophenyl phenyl ether		UG/L	ND ND	ND ND	ND ND	ND ND
Bis-(2-chloroethoxy) methane		UG/L	ND ND	ND ND	ND ND	ND ND
Bis-(2-chloroethyl) ether		UG/L	ND	ND	ND	ND
Bis-(2-chloroisopropyl) ether		UG/L	ND	ND	ND	ND
4-Chlorophenyl phenyl ether		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		UG/L	ND	ND	ND	ND
Di-n-butyl phthalate	3.96	UG/L	ND	ND	ND	ND
Bis-(2-ethylhexyl) phthalate		UG/L	11.2	ND	ND	ND
Diethyl phthalate		UG/L	ND	ND	ND	ND
Dimethyl phthalate		UG/L	ND	ND	ND	ND
Di-n-octyl phthalate	1	UG/L	ND ND	ND	ND ND	ND ND
3,3-Dichlorobenzidine 2,4-Dinitrotoluene		UG/L UG/L	ND ND	ND ND	ND ND	ND ND
2,6-Dinitrotoluene		UG/L	ND ND	ND ND	ND ND	ND ND
1,2-Diphenylhydrazine		UG/L	ND ND	ND ND	ND ND	ND ND
Fluoranthene		UG/L	ND	ND	ND	ND
Fluorene		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		UG/L	ND	ND	ND	ND
Hexachloroethane		UG/L	ND	ND	ND	ND
Indeno(1,2,3-CD)pyrene		UG/L	ND	ND	ND	ND
Isophorone		UG/L	ND	ND	ND	ND
Naphthalene		UG/L	ND	ND	ND	ND
Nitrobenzene N-nitrosodimethylamine		UG/L UG/L	ND ND	ND ND	ND ND	ND ND
N-nitrosodimethylamine N-nitrosodi-n-propylamine		UG/L	ND ND	ND ND	ND ND	ND ND
N-nitrosodiphenylamine		UG/L	ND ND	ND ND	ND ND	ND ND
Phenanthrene		UG/L	ND	ND	ND	ND
Pyrene		UG/L	ND	ND	ND	ND
1,2,4-Trichlorobenzene		UG/L	ND	ND	ND	ND
Polynuc. Aromatic Hydrocarbons			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		UG/L	ND	ND	ND	ND
Biphenyl		UG/L	ND	ND	ND	ND
2,6-Dimethylnaphthalene		UG/L	ND ND	ND ND	ND ND	ND
<pre>1-Methylnaphthalene 1-Methylphenanthrene</pre>		UG/L	ND ND	ND ND	ND ND	ND ND
2-Methylnaphthalene		UG/L UG/L	ND ND	ND ND	ND ND	ND ND
2,3,5-Trimethylnaphthalene		UG/L	ND ND	ND ND	ND ND	ND ND
Perylene		UG/L	ND	ND ND	ND	ND ND
Pyridine		UG/L	ND	ND	ND	ND
-		-				

Annual 2012

Source: Date: Analyte	MDL	Units	SB_ITP_COMB_EFF 07-FEB-2012 P602870	SB_ITP_COMB_EFF 01-MAY-2012 P614097	SB_ITP_COMB_EFF 07-AUG-2012 P627003	SB_ITP_COMB_EFF 02-OCT-2012 P634427
=======================================			==========			
Acenaphthene	1.8	UG/L	ND	ND	ND	ND
Acenaphthylene		UG/L	ND	ND	ND	ND
Anthracene		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		UG/L	ND	ND	ND	ND
4-Chlorophenyl phenyl ether		UG/L	ND	ND	ND	ND
2-Chloronaphthalene		UG/L	ND	ND	ND	ND
Chrysene		UG/L	ND	ND	ND	ND
Dibenzo(a,h)anthracene		UG/L	ND	ND	ND	ND
Butyl benzyl phthalate		UG/L	ND	ND	ND	ND
Di-n-butyl phthalate		UG/L	ND	ND	ND	ND
Bis-(2-ethylhexyl) phthalate		UG/L	ND	ND	ND	ND
Diethyl phthalate		UG/L	ND	ND	ND	ND
Dimethyl phthalate		UG/L	ND	ND	ND	ND
Di-n-octyl phthalate	1	UG/L	ND	ND	ND	ND
3,3-Dichlorobenzidine		UG/L	ND	ND	ND	ND
2,4-Dinitrotoluene		UG/L	ND	ND	ND	ND
2,6-Dinitrotoluene		UG/L	ND	ND	ND	ND
1,2-Diphenylhydrazine		UG/L	ND	ND	ND	ND
Fluoranthene		UG/L	ND	ND	ND	ND
Fluorene		UG/L	ND	ND	ND	ND
Hexachlorobenzene		UG/L	ND	ND ND	ND ND	ND ND
Hexachlorobutadiene Hexachlorocyclopentadiene		UG/L	ND ND	ND ND	ND ND	ND ND
Hexachloroethane		UG/L UG/L	ND ND	ND ND	ND ND	ND ND
Indeno(1,2,3-CD)pyrene		UG/L	ND ND	ND ND	ND ND	ND ND
Isophorone		UG/L	ND ND	ND ND	ND ND	ND ND
Naphthalene		UG/L	ND ND	ND ND	ND ND	ND ND
Nitrobenzene		UG/L	ND ND	ND ND	ND ND	ND ND
N-nitrosodimethylamine		UG/L	ND ND	ND ND	ND.	ND
N-nitrosodi-n-propylamine		UG/L	ND ND	ND	ND	ND
N-nitrosodiphenylamine		UG/L	ND ND	ND	ND	ND
Phenanthrene		UG/L	ND ND	ND	ND	ND
Pyrene		UG/L	ND	ND	ND	ND
1,2,4-Trichlorobenzene		UG/L	ND	ND	ND	ND
=======================================	====	=====				
Polynuc. Aromatic Hydrocarbons			0.0	0.0	0.0	0.0
Base/Neutral Compounds		UG/L	0.0	0.0	0.0	0.0
Additional analytes determined						
Benzo[e]pyrene		UG/L	ND	ND	ND	ND
Biphenyl		UG/L	ND ND	ND ND	ND ND	ND ND
2,6-Dimethylnaphthalene		UG/L	ND ND	ND ND	ND ND	ND ND
1-Methylnaphthalene		UG/L	ND ND	ND ND	ND ND	ND ND
1-Methylphenanthrene		UG/L	ND ND	ND	ND	ND ND
2-Methylnaphthalene		UG/L	ND ND	ND.	ND	ND
2,3,5-Trimethylnaphthalene		UG/L	ND	ND	ND	ND
Perylene		UG/L	ND	ND	ND	ND
Pyridine		UG/L	ND	ND	ND	ND

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Source: Date:			SB_PRIEFF_10 07-FEB-2012	SB_PRIEFF_10 01-MAY-2012	SB_PRIEFF_10 07-AUG-2012	SB_PRIEFF_10 02-OCT-2012
Analyte	MDL		P602875	P614102	P627008	P634432
Acenaphthene	1.8	===== UG/L	ND	ND	ND	ND
Acenaphthylene		UG/L	ND ND	ND ND	ND ND	ND ND
Anthracene		UG/L	ND	ND ND	ND	ND ND
Benzidine		UG/L	ND	ND	ND	ND
Benzo[a]anthracene		UG/L	ND	ND	ND	ND
3,4-Benzo(b)fluoranthene		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		UG/L	ND	ND	ND	ND
4-Chlorophenyl phenyl ether		UG/L	ND	ND	ND	ND
2-Chloronaphthalene		UG/L	ND	ND	ND	ND
Chrysene		UG/L	ND	ND	ND	ND
Dibenzo(a,h)anthracene		UG/L	ND	ND	ND	ND
Butyl benzyl phthalate		UG/L	ND	ND	ND	ND
Di-n-butyl phthalate		UG/L	ND	ND	ND	ND
Bis-(2-ethylhexyl) phthalate		UG/L	ND 6. 0	ND	ND 3. F	ND
Diethyl phthalate		UG/L UG/L	6.0 ND	4.0 ND	3.5 ND	6.3 ND
Dimethyl phthalate	1.44	UG/L	ND ND	ND ND	ND ND	ND ND
Di-n-octyl phthalate 3,3-Dichlorobenzidine		UG/L	ND ND	ND ND	ND ND	ND ND
2,4-Dinitrotoluene		UG/L	ND ND	ND ND	ND ND	ND ND
2,6-Dinitrotoluene		UG/L	ND	ND.	ND ND	ND ND
1,2-Diphenylhydrazine		UG/L	ND	ND	ND	ND
Fluoranthene		UG/L	ND	ND	ND	ND
Fluorene		UG/L	ND	ND	ND	ND
Hexachlorobenzene		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		UG/L	ND	ND	ND	ND
N-nitrosodimethylamine		UG/L	ND	ND	ND	ND
N-nitrosodi-n-propylamine		UG/L	ND	ND	ND	ND
N-nitrosodiphenylamine		UG/L	ND	ND	ND	ND
Phenanthrene		UG/L	ND	ND	ND	ND
Pyrene		UG/L	ND	ND	ND	ND
1,2,4-Trichlorobenzene		UG/L	ND	ND	ND	ND
Polynuc. Aromatic Hydrocarbons	1.77	UG/L	0.0	0.0	0.0	0.0
Base/Neutral Compounds		UG/L	6.0	4.0	3.5	6.3
Additional analytes determined	====	=====	=========	==========	==========	==========
Benzo[e]pyrene		UG/L	ND	ND	ND	ND
Biphenyl		UG/L	ND	ND	ND	ND
2,6-Dimethylnaphthalene		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
<pre>2-Methylnaphthalene</pre>		UG/L	ND	ND	ND	ND
2,3,5-Trimethylnaphthalene		UG/L	ND	ND	ND	ND
Perylene		UG/L	ND	ND	ND	ND
Pyridine	3.33	UG/L	ND	ND	ND	ND

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Source: Date: Analyte	MDL	Units	SB_SEC_EFF_20 07-FEB-2012 P602880	SB_SEC_EFF_20 01-MAY-2012 P614107	SB_SEC_EFF_20 07-AUG-2012 P627013	SB_SEC_EFF_20 02-OCT-2012 P634437
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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
<pre>3,4-Benzo(b)fluoranthene</pre>		UG/L	ND	ND	ND	ND
Benzo[k]fluoranthene		UG/L	ND	ND	ND	ND
Benzo[a]pyrene		UG/L	ND	ND	ND	ND
Benzo[g,h,i]perylene		UG/L	ND	ND	ND	ND
4-Bromophenyl phenyl ether		UG/L	ND	ND	ND	ND
Bis-(2-chloroethoxy) methane		UG/L	ND	ND	ND	ND
Bis-(2-chloroethyl) ether		UG/L	ND	ND	ND	ND
Bis-(2-chloroisopropyl) ether		UG/L	ND	ND	ND	ND
4-Chlorophenyl phenyl ether		UG/L	ND	ND	ND	ND
2-Chloronaphthalene		UG/L UG/L	ND	ND ND	ND ND	ND ND
Chrysene Dibenzo(a,h)anthracene		UG/L	ND ND	ND ND	ND ND	ND ND
Butyl benzyl phthalate		UG/L	ND ND	ND ND	ND ND	ND ND
Di-n-butyl phthalate		UG/L	ND ND	ND ND	ND ND	ND ND
Bis-(2-ethylhexyl) phthalate		UG/L	ND ND	ND ND	ND ND	ND ND
Diethyl phthalate		UG/L	ND ND	ND ND	ND ND	ND ND
Dimethyl phthalate		UG/L	ND ND	ND ND	ND ND	ND ND
Di-n-octyl phthalate	1	UG/L	ND ND	ND ND	ND ND	ND ND
3,3-Dichlorobenzidine		UG/L	ND ND	ND ND	ND ND	ND ND
2,4-Dinitrotoluene		UG/L	ND ND	ND	ND ND	ND
2,6-Dinitrotoluene		UG/L	ND	ND	ND	ND
1,2-Diphenylhydrazine		UG/L	ND	ND	ND	ND
Fluoranthene		UG/L	ND	ND	ND	ND
Fluorene		UG/L	ND	ND	ND	ND
Hexachlorobenzene		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
<pre>Indeno(1,2,3-CD)pyrene</pre>	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		UG/L	ND	ND	ND	ND
Phenanthrene		UG/L	ND	ND	ND	ND
Pyrene		UG/L	ND	ND	ND	ND
1,2,4-Trichlorobenzene		UG/L	ND	ND	ND	ND
Polynuc. Aromatic Hydrocarbons	1.77	UG/L	0.0	0.0	0.0	0.0
Base/Neutral Compounds		UG/L	0.0	0.0	0.0	0.0
Additional analytes determined						
Benzo[e]pyrene		UG/L	ND	ND	ND	ND
Biphenyl		UG/L	ND ND	ND ND	ND ND	ND ND
2,6-Dimethylnaphthalene		UG/L	ND ND	ND ND	ND ND	ND ND
1-Methylnaphthalene		UG/L	ND ND	ND ND	ND ND	ND ND
1-Methylphenanthrene		UG/L	ND ND	ND	ND	ND
2-Methylnaphthalene		UG/L	ND	ND ND	ND ND	ND
2,3,5-Trimethylnaphthalene		UG/L	ND	ND	ND	ND
Perylene		UG/L	ND	ND	ND	ND
Pyridine		UG/L	ND	ND	ND	ND

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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	02-0CT-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		UG/L	ND	ND	ND	ND
Dibenzo(a,h)anthracene		UG/L	ND	ND	ND	ND
Butyl benzyl phthalate		UG/L	ND	ND	ND	ND
Di-n-butyl phthalate		UG/L	ND	ND	ND	ND
Bis-(2-ethylhexyl) phthalate		UG/L	ND.	ND	ND.	ND
Diethyl phthalate		UG/L	ND.	ND.	ND	ND
Dimethyl phthalate		UG/L	ND ND	ND.	ND.	ND ND
Di-n-octyl phthalate	1	UG/L	ND ND	ND	ND ND	ND ND
3,3-Dichlorobenzidine		UG/L	ND ND	ND	ND	ND ND
2,4-Dinitrotoluene		UG/L	ND ND	ND ND	ND ND	ND ND
2,6-Dinitrotoluene		UG/L	ND ND	ND ND	ND ND	ND ND
1,2-Diphenylhydrazine		UG/L	ND ND	ND ND	ND ND	ND ND
Fluoranthene		UG/L	ND ND	ND ND	ND ND	ND ND
Fluorene		UG/L	ND ND	ND ND	ND ND	ND ND
Hexachlorobenzene		UG/L	ND ND	ND ND	ND ND	ND ND
Hexachlorobutadiene		UG/L	ND ND	ND ND	ND ND	ND ND
Hexachlorocyclopentadiene		UG/L	ND ND	ND ND	ND ND	ND ND
Hexachloroethane						
		UG/L	ND	ND ND	ND ND	ND ND
Indeno(1,2,3-CD)pyrene		UG/L	ND	ND ND	ND ND	ND ND
Isophorone		UG/L	ND		ND ND	
Naphthalene		UG/L	ND	ND	ND	ND
Nitrobenzene		UG/L	ND	ND	ND	ND
N-nitrosodimethylamine		UG/L	ND	ND	ND	ND
N-nitrosodi-n-propylamine		UG/L	ND	ND	ND	ND
N-nitrosodiphenylamine		UG/L	ND	ND	ND	ND
Phenanthrene		UG/L	ND	ND	ND	ND
Pyrene		UG/L	ND	ND	ND	ND
1,2,4-Trichlorobenzene		UG/L	ND	ND	ND	ND
Polynuc. Aromatic Hydrocarbons			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		UG/L	ND	ND	ND	ND
Biphenyl		UG/L	ND ND	ND ND	ND ND	ND ND
2,6-Dimethylnaphthalene		UG/L	ND ND	ND ND	ND ND	ND ND
1-Methylnaphthalene		UG/L	ND ND	ND ND	ND ND	ND ND
1-Methylphenanthrene 2-Methylnaphthalene		UG/L	ND ND	ND ND	ND ND	ND ND
		UG/L UG/L				
2,3,5-Trimethylnaphthalene			ND ND	ND ND	ND ND	ND ND
Perylene Pyridine		UG/L	ND ND	ND ND	ND ND	ND ND
i yi tutile	٥٠.٥٥	UG/L	NU	אט	ND	אוט

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Source: Date:			INFLUENT 07-FEB-2012	INFLUENT 01-MAY-2012	INFLUENT 07-AUG-2012	INFLUENT 02-OCT-2012
Analyte:	MDL	Units	P602860	P614087	P626993	P634417
2-Chlorophenol 2,4-Dichlorophenol	1.32	===== UG/L UG/L	ND ND	ND ND	ND ND	ND ND
4-Chloro-3-methylphenol		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		UG/L	42.5	31.4	40.2	40.5
2-Nitrophenol		UG/L	ND	ND	ND	ND
2,4-Dimethylphenol		UG/L	ND	ND	ND	ND
2,4-Dinitrophenol		UG/L UG/L	ND ND	ND ND	ND ND	ND ND
4-Nitrophenol 2-Methyl-4,6-dinitrophenol		UG/L	ND ND	ND ND	ND ND	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)	2 11	UG/L	NA 110	NA 01 7	NA 02.6	NA of 3
4-Methylphenol(3-MP is unresolved)			118	91.7	93.6	95.2
2,4,5-Trichlorophenol	1.00	UG/L	ND	ND	ND	ND
Sounce			CCCLUENT	FFFLUENT	FFFLUENT	FFFILIENT
Source:			EFFLUENT	EFFLUENT	EFFLUENT	EFFLUENT
Date: Analyte:	MDL	Units	P602865	01-MAY-2012 P614092	P626998	P634422
=======================================				=========		
2-Chlorophenol		UG/L	ND	ND	ND	ND
2,4-Dichlorophenol		UG/L	ND	ND	ND	ND
4-Chloro-3-methylphenol		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		UG/L	ND	ND	ND	ND
4-Nitrophenol		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		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		UG/L	ND	ND	ND	ND
3-Methylphenol(4-MP is unresolved)		UG/L	NA NA	NA NA	NA NA	NA
4-Methylphenol(3-MP is unresolved)	2.11		ND.	ND.	ND.	ND
2,4,5-Trichlorophenol		UG/L	ND	ND	ND	ND
, ,						

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Source:			COMB EFF	COMB EFF	COMB EFF	COMB EFF
Date:					07-AUG-2012	
Analyte:	MDL ====	Units	P602870	P614097	P627003	P634427
2-Chlorophenol		UG/L	ND	ND	ND	ND
2,4-Dichlorophenol		UG/L	ND	ND	ND	ND
4-Chloro-3-methylphenol		UG/L	ND	ND	ND	ND
2,4,6-Trichlorophenol		UG/L	ND	ND	ND	ND.
Pentachlorophenol		UG/L	ND	ND	ND	ND
Phenol		UG/L	ND	ND	ND	ND
2-Nitrophenol		UG/L	ND.	ND.	ND	ND
2,4-Dimethylphenol		UG/L	ND ND	ND	ND.	ND ND
· · · · · · · · · · · · · · · · · · ·		UG/L	ND ND	ND ND	ND ND	ND ND
2,4-Dinitrophenol						
4-Nitrophenol		UG/L	ND	ND	ND	ND
2-Methyl-4,6-dinitrophenol		UG/L	ND	ND	ND	ND
				========		========
Total Chlorinated Phenols		UG/L	0.0	0.0	0.0	0.0
Total Non-Chlorinated Phenols		UG/L =====	0.0	0.0	0.0	0.0
Total Phenols		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		ND	ND	ND	ND
2,4,5-Trichlorophenol		UG/L	ND	ND	ND	ND
Source:			PRI EFF	PRI EFF	PRI EFF	PRI EFF
Source: Date:					PRI EFF 07-AUG-2012	
	MDL	Units				
Date:		Units	07-FEB-2012	01-MAY-2012	07-AUG-2012	02-OCT-2012
Date: Analyte:	====		07-FEB-2012 P602875	01-MAY-2012 P614102	07-AUG-2012 P627008	02-0CT-2012 P634432
Date: Analyte: 	==== 1.32	=====	07-FEB-2012 P602875	01-MAY-2012 P614102	07-AUG-2012 P627008	02-OCT-2012 P634432
Date: Analyte: ====================================	1.32 1.01	===== UG/L	07-FEB-2012 P602875 =======	01-MAY-2012 P614102 =======	07-AUG-2012 P627008 =======	02-0CT-2012 P634432 =======
Date: Analyte: ====================================	1.32 1.01 1.67	===== UG/L UG/L UG/L	07-FEB-2012 P602875 ====== ND ND ND	01-MAY-2012 P614102 ====== ND ND ND	07-AUG-2012 P627008 ====== ND ND ND	02-OCT-2012 P634432 ====== ND ND ND
Date: Analyte: ====================================	1.32 1.01 1.67 1.65	UG/L UG/L UG/L UG/L	07-FEB-2012 P602875 ======= ND ND ND ND	01-MAY-2012 P614102 ======= ND ND ND ND	07-AUG-2012 P627008 ======= ND ND ND ND	02-OCT-2012 P634432 ======= ND ND ND ND
Date: Analyte:	1.32 1.01 1.67 1.65 1.12	===== UG/L UG/L UG/L UG/L	07-FEB-2012 P602875 ======= ND ND ND ND ND	01-MAY-2012 P614102 ======= ND ND ND ND ND	07-AUG-2012 P627008 ======= ND ND ND ND ND	02-OCT-2012 P634432 ======= ND ND ND ND ND
Date: Analyte: ====================================	1.32 1.01 1.67 1.65 1.12	===== UG/L UG/L UG/L UG/L UG/L UG/L	07-FEB-2012 P602875 ======== ND ND ND ND ND ND ND	01-MAY-2012 P614102 ======= ND ND ND ND ND ND ND	07-AUG-2012 P627008 ======= ND ND ND ND ND ND	02-OCT-2012 P634432 ======== ND ND ND ND ND ND ND
Date: Analyte: ====================================	1.32 1.01 1.67 1.65 1.12 1.76	===== UG/L UG/L UG/L UG/L UG/L UG/L	07-FEB-2012 P602875 ND	01-MAY-2012 P614102 ======= ND ND ND ND ND ND ND 14.3	07-AUG-2012 P627008 ND	02-OCT-2012 P634432 ND ND ND ND ND ND AD ND
Date: Analyte: ====================================	1.32 1.01 1.67 1.65 1.12 1.76 1.55 2.01	===== UG/L UG/L UG/L UG/L UG/L UG/L UG/L UG/L	07-FEB-2012 P602875 ND	01-MAY-2012 P614102 ======= ND ND ND ND ND ND 14.3 ND	07-AUG-2012 P627008 ND	02-OCT-2012 P634432 ND ND ND ND ND AD ND
Date: Analyte: ====================================	1.32 1.01 1.67 1.65 1.12 1.76 1.55 2.01 2.16	===== UG/L UG/L UG/L UG/L UG/L UG/L UG/L UG/L	07-FEB-2012 P602875 ND	01-MAY-2012 P614102 P614102 ND	07-AUG-2012 P627008 ND T.6	02-OCT-2012 P634432 ND
Date: Analyte: ====================================	1.32 1.01 1.67 1.65 1.12 1.76 1.55 2.01 2.16	===== UG/L UG/L UG/L UG/L UG/L UG/L UG/L UG/L	07-FEB-2012 P602875 ======== ND	01-MAY-2012 P614102 P614102 ND	07-AUG-2012 P627008 ND	02-OCT-2012 P634432
Date: Analyte: ====================================	1.32 1.01 1.67 1.65 1.12 1.76 1.55 2.01 2.16 1.14	===== UG/L UG/L UG/L UG/L UG/L UG/L UG/L UG/L	07-FEB-2012 P602875 ND	01-MAY-2012 P614102 P614102 ND	07-AUG-2012 P627008 ND T.6	02-OCT-2012 P634432 ND
Date: Analyte: ====================================	1.32 1.01 1.67 1.65 1.12 1.76 1.55 2.01 2.16 1.14 1.52	===== UG/L UG/L UG/L UG/L UG/L UG/L UG/L UG/L	07-FEB-2012 P602875 ND	01-MAY-2012 P614102 P614102 ND	07-AUG-2012 P627008 ND	02-OCT-2012 P634432
Date: Analyte: ====================================	1.32 1.01 1.67 1.65 1.12 1.76 1.55 2.01 2.16 1.14 1.52 ==== 1.67	===== UG/L UG/L UG/L UG/L UG/L UG/L UG/L UG/L	07-FEB-2012 P602875 ND	01-MAY-2012 P614102 P614102 ND ND ND ND ND ND ND ND 14.3 ND	07-AUG-2012 P627008 ND	02-OCT-2012 P634432 P634432 ND
Date: Analyte: ====================================	1.32 1.01 1.67 1.65 1.12 1.76 1.55 2.01 2.16 1.14 1.52 ==== 1.67 2.16	===== UG/L UG/L UG/L UG/L UG/L UG/L UG/L UG/L	07-FEB-2012 P602875 ND	01-MAY-2012 P614102 P614102 ND ND ND ND ND ND 14.3 ND	07-AUG-2012 P627008 ND ND ND ND ND ND ND T.6 ND	02-OCT-2012 P634432
Date: Analyte: ====================================	==== 1.32 1.01 1.67 1.65 1.12 1.76 1.55 2.01 2.16 1.14 1.52 ==== 1.67 2.16	===== UG/L UG/L UG/L UG/L UG/L UG/L UG/L UG/L	07-FEB-2012 P602875 ND	01-MAY-2012 P614102 P614102 ND ND ND ND ND ND 14.3 ND	07-AUG-2012 P627008 ND	02-OCT-2012 P634432
Date: Analyte: ====================================	==== 1.32 1.01 1.67 1.65 1.12 1.76 1.55 2.01 2.16 1.14 1.52 ==== 1.67 2.16 ====	===== UG/L UG/L UG/L UG/L UG/L UG/L UG/L UG/L	07-FEB-2012 P602875 ND	01-MAY-2012 P614102 P614102 ND ND ND ND 14.3 ND ND ND ND 14.3 ND	07-AUG-2012 P627008 ND ND ND ND ND T.6 ND	02-OCT-2012 P634432
Date: Analyte:	==== 1.32 1.01 1.67 1.65 1.12 1.76 1.55 2.01 2.16 1.14 1.52 ==== 1.67 2.16 ==== 2.16	===== UG/L UG/L UG/L UG/L UG/L UG/L UG/L UG/L	07-FEB-2012 P602875	01-MAY-2012 P614102 P614102 ND ND ND ND ND ND ND 14.3 ND	07-AUG-2012 P627008 ND ND ND ND To 6 ND	02-OCT-2012 P634432
Date: Analyte: ====================================	==== 1.32 1.01 1.67 1.65 1.12 1.76 1.55 2.01 2.16 1.14 1.52 ==== 1.67 2.16 ==== 2.16	===== UG/L UG/L UG/L UG/L UG/L UG/L UG/L UG/L	07-FEB-2012 P602875	01-MAY-2012 P614102 P614102 ND ND ND ND ND ND ND 14.3 ND	07-AUG-2012 P627008 ND ND ND ND To ND	02-OCT-2012 P634432
Date: Analyte: ====================================	==== 1.32 1.01 1.67 1.65 1.12 1.76 1.55 2.01 2.16 1.14 1.52 ==== 1.67 2.16 ==== 2.16	===== UG/L UG/L UG/L UG/L UG/L UG/L UG/L UG/L	07-FEB-2012 P602875	01-MAY-2012 P614102 P614102 ND ND ND ND ND ND ND 14.3 ND	07-AUG-2012 P627008	02-OCT-2012 P634432
Date: Analyte: ====================================	==== 1.32 1.01 1.67 1.65 1.12 1.76 1.55 2.01 1.14 1.52 ==== 1.67 2.16 ==== 2.16	===== UG/L UG/L UG/L UG/L UG/L UG/L UG/L UG/L	07-FEB-2012 P602875	01-MAY-2012 P614102 P614102 ND ND ND ND ND ND ND 14.3 ND	07-AUG-2012 P627008 ND ND ND ND To ND	02-OCT-2012 P634432

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Source:			SEC EFF	SEC EFF	SEC EFF	SEC EFF
Date:			07-FEB-2012	01-MAY-2012	07-AUG-2012	02-0CT-2012
Analyte:	MDL ====	Units	P602880	P614107	P627013	P634437
2-Chlorophenol		UG/L	ND	ND	ND	ND
2,4-Dichlorophenol		UG/L	ND	ND	ND	ND
4-Chloro-3-methylphenol		UG/L	ND	ND	ND	ND
2,4,6-Trichlorophenol		UG/L	ND	ND	ND	ND.
Pentachlorophenol		UG/L	ND	ND	ND	ND
Phenol		UG/L	ND	ND	ND	ND.
2-Nitrophenol		UG/L	ND.	ND.	ND	ND
2,4-Dimethylphenol		UG/L	ND ND	ND	ND.	ND
· · · · · · · · · · · · · · · · · · ·		UG/L	ND ND	ND ND	ND ND	ND ND
2,4-Dinitrophenol 4-Nitrophenol		UG/L	ND ND	ND ND		
•					ND	ND
2-Methyl-4,6-dinitrophenol		UG/L	ND	ND	ND	ND
T + 1 C 1				========		========
Total Chlorinated Phenols		UG/L	0.0	0.0	0.0	0.0
Total Non-Chlorinated Phenols		UG/L =====	0.0	0.0	0.0	0.0
Total Phenols		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	,	ND	ND	ND	ND
2,4,5-Trichlorophenol		UG/L	ND	ND	ND	ND.
Source:			RSL	RSL	RSL	RSL
Source: Date:			_		RSL 07-AUG-2012	_
	MDL	Units	_		_	_
Date: Analyte:		Units	07-FEB-2012	01-MAY-2012	07-AUG-2012	02-OCT-2012
Date: Analyte:	====		07-FEB-2012 P602894	01-MAY-2012 P614119	07-AUG-2012 P627027	02-0CT-2012 P634449
Date: Analyte: ====================================	1.32	===== UG/L	07-FEB-2012 P602894	01-MAY-2012 P614119	07-AUG-2012 P627027	02-OCT-2012 P634449
Date: Analyte: ====================================	1.32 1.01	===== UG/L UG/L	07-FEB-2012 P602894 =======	01-MAY-2012 P614119 ======	07-AUG-2012 P627027 ====== ND ND	02-OCT-2012 P634449 ======= ND ND
Date: Analyte: ====================================	1.32 1.01 1.67	===== UG/L UG/L UG/L	07-FEB-2012 P602894 ====== ND ND ND	01-MAY-2012 P614119 ====== ND ND ND	07-AUG-2012 P627027 ====== ND ND ND	02-0CT-2012 P634449 ====== ND ND ND
Date: Analyte: ====================================	1.32 1.01 1.67 1.65	===== UG/L UG/L UG/L UG/L	07-FEB-2012 P602894 ======= ND ND ND ND	01-MAY-2012 P614119 ======= ND ND ND ND	07-AUG-2012 P627027 ======= ND ND ND ND	02-OCT-2012 P634449 ======= ND ND ND ND
Date: Analyte:	1.32 1.01 1.67 1.65 1.12	===== UG/L UG/L UG/L UG/L	07-FEB-2012 P602894 ======= ND ND ND ND ND ND ND	01-MAY-2012 P614119 ======= ND ND ND ND ND	07-AUG-2012 P627027 ND ND ND ND ND ND ND	02-OCT-2012 P634449 ND ND ND ND ND ND ND
Date: Analyte: ====================================	1.32 1.01 1.67 1.65 1.12	===== UG/L UG/L UG/L UG/L UG/L UG/L	07-FEB-2012 P602894 ======= ND 85.6	01-MAY-2012 P614119 ======= ND ND ND ND ND ND ND	07-AUG-2012 P627027 ND 151	02-OCT-2012 P634449 ND ND ND ND ND ND ND S7.4
Date: Analyte: ====================================	1.32 1.01 1.67 1.65 1.12 1.76	===== UG/L UG/L UG/L UG/L UG/L UG/L	07-FEB-2012 P602894 ======== ND	01-MAY-2012 P614119 ND	07-AUG-2012 P627027 ND	02-OCT-2012 P634449 ND ND ND ND ND ND S7.4 ND
Date: Analyte: ====================================	1.32 1.01 1.67 1.65 1.12 1.76 1.55 2.01	===== UG/L UG/L UG/L UG/L UG/L UG/L UG/L	07-FEB-2012 P602894 ND	01-MAY-2012 P614119 ND	07-AUG-2012 P627027 P627027 ND	02-OCT-2012 P634449 ND ND ND ND ND S7.4 ND ND ND
Date: Analyte: ====================================	1.32 1.01 1.67 1.65 1.12 1.76 1.55 2.01 2.16	===== UG/L UG/L UG/L UG/L UG/L UG/L UG/L UG/L	07-FEB-2012 P602894 ND	01-MAY-2012 P614119 ND	07-AUG-2012 P627027 ND	02-OCT-2012 P634449 ND
Date: Analyte: ====================================	1.32 1.01 1.67 1.65 1.12 1.76 1.55 2.01 2.16	===== UG/L UG/L UG/L UG/L UG/L UG/L UG/L UG/L	07-FEB-2012 P602894 ======== ND	01-MAY-2012 P614119 ======= ND	07-AUG-2012 P627027 ND	02-OCT-2012 P634449 ND
Date: Analyte: ====================================	1.32 1.01 1.67 1.65 1.12 1.76 1.55 2.01 2.16 1.14	===== UG/L UG/L UG/L UG/L UG/L UG/L UG/L UG/L	07-FEB-2012 P602894 ND	01-MAY-2012 P614119 ND	07-AUG-2012 P627027 ND	02-OCT-2012 P634449 ND
Date: Analyte: ====================================	1.32 1.01 1.67 1.65 1.12 1.76 1.55 2.01 2.16 1.14 1.52	===== UG/L UG/L UG/L UG/L UG/L UG/L UG/L UG/L	07-FEB-2012 P602894 ND	01-MAY-2012 P614119 ND ND ND ND ND 106 ND	07-AUG-2012 P627027 P627027 ND	02-OCT-2012 P634449 ND ND ND ND ND S7.4 ND
Date: Analyte: ====================================	1.32 1.01 1.67 1.65 1.12 1.76 1.55 2.01 2.16 1.14 1.52 ====	===== UG/L UG/L UG/L UG/L UG/L UG/L UG/L UG/L	07-FEB-2012 P602894 ND	01-MAY-2012 P614119 ND	07-AUG-2012 P627027 P627027 ND	02-OCT-2012 P634449
Date: Analyte: ====================================	1.32 1.01 1.67 1.65 1.12 1.76 1.55 2.01 2.16 1.14 1.52 ==== 1.67 2.16	===== UG/L UG/L UG/L UG/L UG/L UG/L UG/L UG/L	07-FEB-2012 P602894 ND	01-MAY-2012 P614119 ND ND ND ND ND 106 ND ND ND 106 ND	07-AUG-2012 P627027 P627027 ND ND ND ND ND ND 151 ND	02-OCT-2012 P634449
Date: Analyte: ====================================	==== 1.32 1.01 1.67 1.65 1.12 1.76 1.55 2.01 2.16 1.14 1.52 ==== 1.67 2.16	===== UG/L UG/L UG/L UG/L UG/L UG/L UG/L UG/L	07-FEB-2012 P602894 ND	01-MAY-2012 P614119 ND ND ND ND ND 106 ND ND ND 106 ND	07-AUG-2012 P627027 P627027 ND	02-OCT-2012 P634449
Date: Analyte: ====================================	==== 1.32 1.01 1.67 1.65 1.12 1.76 1.55 2.01 2.16 1.14 1.52 ==== 1.67 2.16 ==== 2.16	===== UG/L UG/L UG/L UG/L UG/L UG/L UG/L UG/L	07-FEB-2012 P602894 ND ND ND ND ND ND ND ND ND S5.6 ND ND ND ND ND S5.6 ND	01-MAY-2012 P614119 ND ND ND ND ND 106 ND ND ND ND 106 ND	07-AUG-2012 P627027 P627027 ND ND ND ND ND ND ND 151 ND	02-OCT-2012 P634449 ND ND ND ND S7.4 ND ND ND ND ND ND S7.4 OD ND
Date: Analyte:	==== 1.32 1.01 1.67 1.65 1.12 1.76 1.55 2.01 2.16 1.14 1.52 ==== 1.67 2.16 ==== 2.16	===== UG/L UG/L UG/L UG/L UG/L UG/L UG/L UG/L	07-FEB-2012 P602894	01-MAY-2012 P614119 ND ND ND ND 106 ND ND ND 106 ND	07-AUG-2012 P627027 ND ND ND ND ND 151 ND ND ND ND ND SD ND	02-OCT-2012 P634449 P634449 ND ND ND ND ND ND ND S7.4 ND ND ND ND ND S7.4 ND
Date: Analyte: ====================================	==== 1.32 1.01 1.67 1.65 1.12 1.76 1.55 2.01 2.16 1.14 1.52 ==== 1.67 2.16 ==== 2.16	===== UG/L UG/L UG/L UG/L UG/L UG/L UG/L UG/L	07-FEB-2012 P602894	01-MAY-2012 P614119 ND ND ND ND ND 106 ND ND ND ND 106 ND	07-AUG-2012 P627027 P627027 ND ND ND ND ND ND ND ND 151 ND	02-OCT-2012 P634449
Date: Analyte: ====================================	==== 1.32 1.01 1.67 1.65 1.12 1.76 1.55 2.01 2.16 1.14 1.52 ==== 1.67 2.16 ==== 2.16	===== UG/L UG/L UG/L UG/L UG/L UG/L UG/L UG/L	07-FEB-2012 P602894	01-MAY-2012 P614119 ND ND ND ND 106 ND ND ND 106 ND	07-AUG-2012 P627027 P627027 ND ND ND ND ND ND ND ND 151 ND	02-OCT-2012 P634449
Date: Analyte: ====================================	==== 1.32 1.01 1.67 1.65 1.12 1.76 1.55 2.01 1.14 1.52 ==== 1.67 2.16 ==== 2.16	===== UG/L UG/L UG/L UG/L UG/L UG/L UG/L UG/L	07-FEB-2012 P602894	01-MAY-2012 P614119 ND ND ND ND ND 106 ND ND ND ND 106 ND	07-AUG-2012 P627027 P627027 ND ND ND ND ND ND ND ND 151 ND	02-OCT-2012 P634449

Annual 2012

Source: Date: Analyte:	MDL	Units	REC WATER 07-FEB-2012 P602896	REC WATER 01-MAY-2012 P614121	REC WATER 07-AUG-2012 P627029	REC WATER 02-0CT-2012 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		UG/L	ND	ND	ND	ND
2,4-Dinitrophenol		UG/L	ND	ND	ND	ND
4-Nitrophenol		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		UG/L	0.0	0.0	0.0	0.0
	====	=====	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 Mothylphonol	2 15	===== UG/L	ND	ND	ND	ND
<pre>2-Methylphenol 3-Methylphenol(4-MP is unresolved)</pre>	2.15	UG/L	NA NA	ND NA	ND NA	NA NA
4-Methylphenol(3-MP is unresolved)	2 11	,	ND ND	ND ND	ND ND	NA ND
2,4,5-Trichlorophenol	1.66		ND ND	ND ND	ND ND	ND ND
Z, +, J - II ICIIIOI OPIICIIOI	1.00	OG/ L	ND	ND	ND	ND

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Source:			CD THE AD	CD THE GO	CD THE GO	CD THE GO
Date:			SB_INF_02 07-FEB-2012	SB_INF_02 01-MAY-2012	SB_INF_02 07-AUG-2012	SB_INF_02 02-0CT-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 Chloroethane	.4 .9	UG/L UG/L	ND ND	ND ND	ND ND	ND ND
2-Chloroethylvinyl ether		UG/L	ND ND	ND ND	ND ND	ND ND
Chloroform	.2		1.2	2.3	1.7	12.0
Chloromethane	.5	UG/L	ND	ND ND	ND.	ND
Dibromochloromethane	.6	UG/L	ND	ND	ND	ND
1,2-Dichlorobenzene		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		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 UG/L	ND ND	ND ND	ND ND	ND ND
<pre>cis-1,3-dichloropropene trans-1,3-dichloropropene</pre>	.5	UG/L	ND ND	ND ND	ND ND	ND ND
Ethylbenzene	.3	UG/L	ND ND	ND ND	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		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			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
D						
Purgeable Compounds	1.3	UG/L	8.5	5.5	4.3	21.7
Additional Analytes Determin	ьd					
=======================================		=====	==========			=========
Acetone		UG/L	332.0	453.0	291.0	195.0
Allyl chloride		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		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 ND
Methyl Todide	.6	UG/L	ND ND	ND ND	ND ND	ND ND
Methyl methacrylate	.8 1 3	UG/L UG/L	ND ND	ND ND	ND ND	ND ND
4-Methyl-2-pentanone meta,para xylenes	.6	UG/L	ND ND	ND ND	ND ND	ND ND
Methyl tert-butyl ether	.4	UG/L	ND ND	ND ND	ND ND	ND ND
2-Nitropropane	12	UG/L	ND ND	ND ND	ND ND	ND ND
ortho-xylene	.4	UG/L	ND	ND ND	ND ND	ND
Styrene	.3		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

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Acrolein 1.3 UG/L ND ND ND ND ND ND ND Renzene .4 UG/L ND
Acrylonitrile
Benzene
Bromoform
Bromomethane
Carbon tetrachloride
Chlorobenzene
Chloroethane
2-Chloroethylvinyl ether
Chloroform
Chloromethane
Dibromochloromethane
1,2-Dichlorobenzene
1,3-Dichlorobenzene
1,4-Dichlorobenzene
Dichlorodifluoromethane .66 UG/L ND ND ND ND ND 1,1-Dichloroethane .4 UG/L ND ND ND ND ND 1,2-Dichloroethane .5 UG/L ND ND ND ND ND 1,1-Dichloroethene .4 UG/L ND ND ND ND ND trans-1,2-dichloroethene .6 UG/L ND ND ND ND ND 1,2-Dichloropropane .3 UG/L ND ND ND ND ND Ethylbeard .3 UG/L ND ND ND ND ND Ethylbeard .3 UG/
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 1,2-Dichloropropene .3 UG/L ND ND ND ND 1,2-Dichloropropane .3 UG/L ND ND ND ND ND ND ND ND ND ND ND ND Ethylberace .3 UG/L ND ND ND ND ND Ethylberace .3 UG/L ND ND ND ND ND Methylence .3
1,2-Dichloroethane .5 UG/L ND ND ND ND ND ND 1,1-Dichloroethene .4 UG/L ND ND <td< td=""></td<>
1,1-Dichloroethene
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 .5 UG/L ND ND ND ND Methylene chloride .3 UG/L ND ND ND ND ND Methylene chloride .3 UG/L ND ND ND ND 1,1,2,2-Trichloroethane .5 UG/L ND ND ND ND 1,1,2,2-Trichloroethane <
cis-1,3-dichloropropene .3 UG/L ND ND ND ND ND trans-1,3-dichloropropene .5 UG/L ND ND ND ND ND Ethylbenzene .3 UG/L ND ND ND ND ND Methylene chloride .3 UG/L ND ND ND ND ND 1,1,2,2-Tetrachloroethane .5 UG/L ND ND ND ND ND Toluene .4 UG/L ND ND ND ND ND 1,1,2-Trichloroethane .4 UG/L ND ND ND ND 1,1,2-Trichloroethane .5 UG/L ND ND ND ND 1,1,2-Trichloroethane .5 UG/L ND ND ND ND Trichlorofluoromethane .3 UG/L ND ND ND ND Vinyl chloride .4 UG/L ND ND ND </td
trans-1,3-dichloropropene .5 UG/L ND ND ND ND ND Ethylbenzene .3 UG/L ND ND ND ND ND Methylene chloride .3 UG/L ND ND ND 0.3 ND 1,1,2,2-Tetrachloroethane .5 UG/L ND ND ND ND ND Totluene .4 UG/L ND ND ND ND ND ND 1,1,1-Trichloroethane .4 UG/L ND ND ND ND ND ND 1,1,2-Trichloroethane .5 UG/L 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 ND Tetrachloroethene 1.1 UG/L ND ND ND ND ND Total Dichlorobenzenes .4 UG/L ND ND ND ND ND 1,1,1-Trichloroethane .4 UG/L ND
Methylene chloride .3 UG/L ND ND 0.3 ND 1,1,2,2-Tetrachloroethane .5 UG/L ND ND ND ND ND Tetrachloroethene 1.1 UG/L ND ND ND ND ND Toluene .4 UG/L ND <
1,1,2,2-Tetrachloroethane .5 UG/L ND ND ND ND ND Tetrachloroethene 1.1 UG/L ND ND ND ND ND Toluene .4 UG/L ND ND ND ND ND 1,1,1-Trichloroethane .4 UG/L ND ND ND ND ND 1,1,2-Trichloroethane .5 UG/L ND ND ND ND ND Trichlorofluoromethane .7 UG/L ND ND ND ND ND Vinyl chloride .4 UG/L ND ND ND ND ND 1,2,4-Trichlorobenzene .7 UG/L ND ND ND ND ND Halomethane Purgeable Cmpnds .7 UG/L 0.0 0.0 0.0 0.0 0.0 0.0 Total Dichlorobenzenes .5 UG/L 0.0 0.0 0.0 0.0 0.0 0.0
Tetrachloroethene 1.1 UG/L ND ND ND ND ND Toluene .4 UG/L ND 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 0.0 Total Dichlorobenzenes .5 UG/L 0.0 0.0 0.0 0.0 0.0
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 Trichloroethane .7 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 0.0 Total Dichlorobenzenes .5 UG/L 0.0 0.0 0.0 0.0 0.0
1,1,1-Trichloroethane .4 UG/L ND ND ND ND ND 1,1,2-Trichloroethane .5 UG/L 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 ND 1,2,4-Trichlorobenzene .7 UG/L ND ND ND ND ND Halomethane Purgeable Cmpnds .7 UG/L 0.0 0.0 0.0 0.0 0.0 Total Dichlorobenzenes .5 UG/L 0.0 0.0 0.0 0.0 0.0
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
Trichlorofluoromethane .3 UG/L ND ND ND ND ND Vinyl chloride .4 UG/L ND ND ND ND ND 1,2,4-Trichlorobenzene .7 UG/L ND ND ND ND ND Halomethane Purgeable Cmpnds .7 UG/L 0.0 0.0 0.0 0.0 0.0 Total Dichlorobenzenes .5 UG/L 0.0 0.0 0.0 0.0 0.0
Vinyl chloride .4 UG/L ND 0 0
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 0.0 Total Dichlorobenzenes .5 UG/L 0.0 0.0 0.0 0.0 0.0
Halomethane Purgeable Cmpnds .7 UG/L 0.0 0.0 0.0 0.0 0.0 0.0 0.0 Total Dichlorobenzenes .5 UG/L 0.0 0.0 0.0 0.0 0.0 0.0 0.0
Halomethane Purgeable Cmpnds
Total Chloromethanes .5 UG/L 0.4 1.7 1.0 0.4
2 2 2 2 2 2 2 2
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 ND
4-Methyl-2-pentanone 1.3 UG/L ND 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 ND
2-Nitropropane 12 UG/L ND ND ND ND ND
ortho-xylene .4 UG/L ND ND ND ND
Styrene .3 UG/L ND ND ND ND ND

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Source:			SR TTP COMB FFF	SR TTP COMB FFF	SB_ITP_COMB_EFF	SR TTP COMB FFF
Date:			07-FEB-2012	01-MAY-2012		02-0CT-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 .4	UG/L	ND ND	ND	ND	ND
Chlorobenzene Chloroethane	.9	UG/L UG/L	ND ND	ND ND	ND ND	ND ND
2-Chloroethylvinyl ether		UG/L	ND ND	ND ND	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 UG/L	ND ND	ND ND	ND 1.7	ND ND
Methylene chloride 1,1,2,2-Tetrachloroethane	.5	UG/L	ND ND	ND ND	I.7 ND	ND ND
Tetrachloroethene		UG/L	ND ND	ND ND	ND ND	ND ND
Toluene	.4	UG/L	ND ND	ND ND	ND ND	ND ND
1,1,1-Trichloroethane	.4	UG/L	ND ND	ND ND	ND.	ND ND
1,1,2-Trichloroethane	.5	UG/L	ND.	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		UG/L	0.0	0.0	0.0	0.0
Total Dichlorobenzenes	.5	UG/L	0.0	0.0	0.0	0.0
T-t-1 (blacemether)			2.4			
Total Chloromethanes	.5	UG/L	3.1	1.9	2.6	0.8
Purgeable Compounds		UG/L	5.5	5.1	4.1	2.1
Purgeable Compounds	1.5	UG/L	5.5	5.1	4.1	2.1
Additional Analytes Determin	ed					
=======================================						
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	•	ND	ND	ND	ND
Isopropylbenzene	.3	UG/L	ND	ND	ND	ND
Methyl Iodide	.6	UG/L	ND	ND	ND	ND
Methyl methacrylate		UG/L	ND	ND	ND	ND
4-Methyl-2-pentanone		UG/L	ND	ND	ND	ND
meta,para xylenes	.6 .4	UG/L	ND ND	ND ND	ND ND	ND ND
Methyl tert-butyl ether 2-Nitropropane	.4 12	UG/L UG/L	ND ND	ND ND	ND ND	ND ND
ortho-xylene	.4	UG/L	ND ND	ND ND	ND ND	ND ND
Styrene	.3	UG/L	ND ND	ND ND	ND ND	ND ND
o cyr che		33, L	ND	ND	ND	ND

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Source: Date: Analyte	MDL	Units	SB_PRIEFF_10 07-FEB-2012 P602878	SB_PRIEFF_10 01-MAY-2012 P614105	SB_PRIEFF_10 07-AUG-2012 P627011	SB_PRIEFF_10 02-OCT-2012 P634435
Acrolein		UG/L	ND	ND	ND	ND
Acrylonitrile	.7 .4	UG/L UG/L	ND ND	ND ND	ND ND	ND ND
Benzene Bromodichloromethane	.5	UG/L	ND ND	ND ND	ND ND	ND ND
Bromoform	.5	UG/L	ND ND	ND ND	ND ND	ND ND
Bromomethane	.7	UG/L	ND ND	ND ND	ND ND	ND ND
Carbon tetrachloride	.4	UG/L	ND.	ND.	ND.	ND ND
Chlorobenzene	.4	UG/L	ND	ND	ND	ND
Chloroethane	.9	UG/L	ND	ND	ND	ND
2-Chloroethylvinyl ether		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		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 .3	UG/L	ND 0.6	ND	ND 1.5	ND 6.1
Methylene chloride 1,1,2,2-Tetrachloroethane	.5	UG/L UG/L	0.6 ND	0.6 ND	ND	ND
Tetrachloroethene		UG/L	ND ND	ND ND	ND ND	ND ND
Toluene	.4	UG/L	ND ND	0.8	0.5	2.5
1,1,1-Trichloroethane	.4	UG/L	ND ND	ND	ND	ND
1,1,2-Trichloroethane	.5	UG/L	ND.	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	===	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		===== UG/L	2.2	6.0	4.2	10.4
Additional Analytes Determine	ed					
	===	=====	==========			
Acetone	4.5	UG/L	338	6.9	276	210
Allyl chloride	.6	UG/L	ND	ND	ND	ND
Benzyl chloride		UG/L	ND	ND	ND	ND
1,2-Dibromoethane	.3		ND	ND	ND	ND
2-Butanone		UG/L	ND	6.7	ND	8.1
Carbon disulfide	.6	UG/L	0.6	1.8	2.4	2.3
Chloroprene		UG/L	ND ND	ND ND	ND ND	ND ND
Isopropylbenzene	.3	UG/L	ND ND	ND ND	ND ND	ND ND
Methyl Iodide Methyl methacrylate		UG/L UG/L	ND ND	ND ND	ND ND	ND ND
4-Methyl-2-pentanone		UG/L	ND ND	ND ND	ND ND	טא ND
meta,para xylenes		UG/L	ND ND	ND ND	ND ND	ND ND
Methyl tert-butyl ether		UG/L	ND ND	ND ND	ND ND	ND ND
2-Nitropropane		UG/L	ND.	ND.	ND	ND
ortho-xylene	.4		ND	ND	ND	ND
Styrene	.3	UG/L	ND	ND	ND	ND

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Source: Date: Analyte		Units	SB_SEC_EFF_20 07-FEB-2012 P602883	SB_SEC_EFF_20 01-MAY-2012 P614110	SB_SEC_EFF_20 07-AUG-2012 P627016	SB_SEC_EFF_20 02-0CT-2012 P634440
Acrolein		===== UG/L	ND	ND	ND	ND
Acrylonitrile	.7	UG/L	ND ND	ND ND	ND ND	ND ND
Benzene	.4	UG/L	ND ND	ND ND	ND ND	ND ND
Bromodichloromethane	.5	UG/L	ND ND	ND ND	ND ND	ND ND
Bromoform	.5	UG/L	ND ND	ND.	ND.	ND ND
Bromomethane	.7	UG/L	ND.	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		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		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	===	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		UG/L	1.1	0.8	0.7	10.6
Additional Analytes Determin	ed					
		=====				
Acetone		UG/L	ND	ND	ND	ND
Allyl chloride		UG/L	ND	ND	ND	ND
Benzyl chloride		UG/L	ND	ND	ND	ND
1,2-Dibromoethane	.3		ND	ND	ND	ND
2-Butanone		UG/L	ND	ND	ND	ND
Carbon disulfide	.6	UG/L	ND	ND	ND	ND
Chloroprene	.4	UG/L	ND ND	ND ND	ND ND	ND
Isopropylbenzene	.3	UG/L	ND	ND ND	ND ND	ND ND
Methyl Iodide		UG/L	ND ND	ND ND	ND ND	ND ND
Methyl methacrylate		UG/L	ND ND	ND ND	ND ND	ND ND
4-Methyl-2-pentanone	.6	UG/L	ND ND	ND ND	ND ND	ND ND
meta,para xylenes		UG/L UG/L	ND ND	ND ND	ND ND	ND ND
Methyl tert-butyl ether 2-Nitropropane		UG/L	ND ND	ND ND	ND ND	ND ND
ortho-xylene	.4	UG/L	ND ND	ND ND	ND ND	ND ND
Styrene	.3	UG/L	ND ND	ND ND	ND ND	ND ND
		JU, L	ND	ND	ND	ND

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Source: Date: Analyte		Units	07-FEB-2012 P602899	01-MAY-2012 P614124	P627032	02-0CT-2012 P634454
Acrolein		UG/L	ND	ND	ND	ND
Acrylonitrile	.7	UG/L	ND ND	ND ND	ND ND	ND ND
Benzene	.4	UG/L	ND ND	ND	ND	ND
Bromodichloromethane	.5	UG/L	ND.	13.5	9.2	ND
Bromoform	.5	UG/L	ND ND	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		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		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 Determine						
Acetone		UG/L	ND	23.8	ND	ND
Allyl chloride		UG/L	ND ND	ND	ND	ND
Benzyl chloride		UG/L	ND ND	ND	ND ND	ND
1,2-Dibromoethane	.3	UG/L	ND ND	ND	ND ND	ND
2-Butanone		UG/L	ND ND	ND	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 ND	ND
Methyl Iodide		UG/L	ND ND	ND	ND	ND
Methyl methacrylate	.8	UG/L	ND.	ND.	ND.	ND
4-Methyl-2-pentanone		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

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Source: Date: Analyte		Units	SB_RSL_10_B 07-FEB-2012 P602894	SB_RSL_10_B 01-MAY-2012 P614119	SB_RSL_10_B 07-AUG-2012 P627027	SB_RSL_10_B 02-0CT-2012 P634449
Acrolein		===== UG/L	ND	ND	ND	ND
Acrylonitrile	.7	UG/L	ND.	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		UG/L	ND	ND	ND	ND
2-Chloroethylvinyl ether		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 0.4	ND	ND	ND
<pre>1,2-Dichlorobenzene 1,3-Dichlorobenzene</pre>	.4 .5	UG/L UG/L	0.4 ND	0.8 0.7	ND ND	ND ND
1,4-Dichlorobenzene	.4	UG/L	1.4	3.9	2.1	0.8
Dichlorodifluoromethane		UG/L	ND	ND	ND	ND
1,1-Dichloroethane		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		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 Trichloroethene	.5 .7	UG/L UG/L	ND ND	ND ND	ND ND	ND ND
Trichlorofluoromethane	.3	UG/L	ND ND	ND ND	ND ND	ND ND
Vinyl chloride	.4	UG/L	ND ND	ND ND	ND ND	ND ND
1,2,4-Trichlorobenzene	.7	UG/L	ND ND	ND ND	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		UG/L	9.5	16.0	9.0	16.0
Additional Analytes Determine		, -				
=======================================		=====	==========		==========	=========
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		UG/L	ND	ND	ND	ND
2-Butanone		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 ND	0.7	ND ND	ND ND
Methyl Iodide	.6	UG/L	ND ND	ND ND	ND ND	ND ND
Methyl methacrylate		UG/L UG/L	ND ND	ND ND	ND ND	ND ND
4-Methyl-2-pentanone meta,para xylenes	.6	UG/L	ND ND	ND ND	1.5	ND ND
Methyl tert-butyl ether	.4	UG/L	ND ND	ND ND	ND	ND ND
2-Nitropropane	12	UG/L	ND ND	ND ND	ND ND	ND ND
ortho-xylene		UG/L	ND	ND	0.8	ND
Styrene	.3	UG/L	ND	1.2	ND	ND
-						

SOUTH BAY WATER RECLAMATION PLANT Tributyl Tin Analysis

Annual 2012

Source: Sample ID: Analyte MDL Units	INFLUENT INFLUEN P602860 P61408 07-FEB-2012 01-MAY-2012	7 P626993 07-AUG-2012	P634417 02-0CT-2012	7 P602869 07-FEB-2012	P614092 01-MAY-2012	P626998 07-AUG-2012
Dibutyltin 7 UG/L Monobutyltin 16 UG/L Tributyltin 2 UG/L	ND ND ND ND ND ND ND ND	ND ND	ND ND ND ND	ND ND ND	ND ND ND	ND ND ND
Source: SampleID: Analyte MDL Units	EFFLUENT COMB EFF P634422 P602870 02-OCT-2012 07-FEB-2012	P614097 01-MAY-2012				
Dibutyltin 7 UG/L Monobutyltin 16 UG/L Tributyltin 2 UG/L	ND ND ND ND ND ND ND	ND ND	ND ND ND	ND ND ND	ND ND ND	ND ND ND ND
Source: SampleID: Analyte MDL Units	PRI EFF PRI EFF P627008 P634432 07-AUG-2012 02-OCT-2012	P602880 07-FEB-2012				
Dibutyltin 7 UG/L Monobutyltin 16 UG/L Tributyltin 2 UG/L	ND ND ND ND ND ND ND ND	ND ND	ND ND ND	ND ND ND	ND ND ND	ND ND ND
Source: Sample ID: Analyte MDL Units ========== Dibutyltin 7 UG/L Monobutyltin 16 UG/L	REC WATER REC WATER P614121 P627029 01-MAY-2012 07-AUG-2012 ========= ND ND ND	P634451 02-0CT-2012 ======				
Tributyltin 2 UG/L	ND ND					

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
Source:				INFLUENT 01-MAY-2012		EFFLUENT 01-MAY-2012	
	MDL	Units	Equiv.		TCDD		TCDD
Date: Analytes	====	======	-====	01-MAY-2012 P614087	TCDD 01-MAY-2012 P614087	01-MAY-2012 P614092	TCDD 01-MAY-2012 P614092
Date: Analytes ====================================	.26	====== PG/L	1.000	01-MAY-2012 P614087 ====================================	TCDD 01-MAY-2012 P614087	01-MAY-2012 P614092	TCDD 01-MAY-2012 P614092 ======
Date: Analytes ====================================	==== .26 .317	PG/L PG/L	1.000 0.500	01-MAY-2012 P614087 	TCDD 01-MAY-2012 P614087 	01-MAY-2012 P614092 ND ND	TCDD 01-MAY-2012 P614092 ND ND
Date: Analytes ====================================	.26 .317 .482	PG/L PG/L PG/L PG/L	1.000 0.500 0.100	01-MAY-2012 P614087 	TCDD 01-MAY-2012 P614087 ND ND ND	01-MAY-2012 P614092 ND ND ND	TCDD 01-MAY-2012 P614092 ND ND ND
Date: Analytes ====================================	.26 .317 .482 .484	PG/L PG/L PG/L PG/L PG/L	1.000 0.500 0.100 0.100	01-MAY-2012 P614087 	TCDD 01-MAY-2012 P614087 	01-MAY-2012 P614092 ND ND ND ND	TCDD 01-MAY-2012 P614092 ND ND ND ND
Date: Analytes ====================================	==== .26 .317 .482 .484	PG/L PG/L PG/L PG/L PG/L PG/L	1.000 0.500 0.100 0.100 0.100	01-MAY-2012 P614087 	TCDD 01-MAY-2012 P614087 ND ND ND ND ND ND	01-MAY-2012 P614092 ND ND ND ND ND ND	TCDD 01-MAY-2012 P614092 ND ND ND ND ND ND
Date: Analytes ====================================	.26 .317 .482 .484 .46	PG/L PG/L PG/L PG/L PG/L PG/L PG/L PG/L	1.000 0.500 0.100 0.100 0.100 0.010	01-MAY-2012 P614087 	TCDD 01-MAY-2012 P614087 ND ND ND ND ND ND ND ND	01-MAY-2012 P614092 ND ND ND ND ND ND ND	TCDD 01-MAY-2012 P614092 ND
Date: Analytes ====================================	 .26 .317 .482 .484 .46 .497	PG/L PG/L PG/L PG/L PG/L PG/L PG/L PG/L	1.000 0.500 0.100 0.100 0.100 0.100 0.010	01-MAY-2012 P614087 	TCDD 01-MAY-2012 P614087 ND ND ND ND ND ND ND ND ND ND ND	01-MAY-2012 P614092 ND ND ND ND ND ND ND ND ND	TCDD 01-MAY-2012 P614092 ND
Date: Analytes ====================================	 .26 .317 .482 .484 .46 .497 1.41	PG/L PG/L PG/L PG/L PG/L PG/L PG/L PG/L	1.000 0.500 0.100 0.100 0.100 0.100 0.010 0.001 0.001	01-MAY-2012 P614087 	TCDD 01-MAY-2012 P614087 ND ND ND ND ND ND DNQ0.148 0.26 ND	01-MAY-2012 P614092 ND ND ND ND ND ND ND ND ND ND	TCDD 01-MAY-2012 P614092
Date: Analytes ====================================	==== .26 .317 .482 .484 .46 .497 1.41 .257	PG/L PG/L PG/L PG/L PG/L PG/L PG/L PG/L	1.000 0.500 0.100 0.100 0.100 0.100 0.010 0.001 0.100 0.050	01-MAY-2012 P614087 ND	TCDD 01-MAY-2012 P614087 ND ND ND ND ND DNQ0.148 0.26 ND	01-MAY-2012 P614092 ND ND ND ND ND ND ND ND ND ND ND	TCDD 01-MAY-2012 P614092
Date: Analytes ====================================	==== .26 .317 .482 .484 .46 .497 1.41 .257 .335	PG/L PG/L PG/L PG/L PG/L PG/L PG/L PG/L	1.000 0.500 0.100 0.100 0.100 0.010 0.010 0.001 0.100 0.050 0.050	01-MAY-2012 P614087 ND	TCDD 01-MAY-2012 P614087 ND ND ND ND DNQ0.148 0.26 ND ND	01-MAY-2012 P614092 ND ND ND ND ND ND ND ND ND ND ND ND ND	TCDD 01-MAY-2012 P614092
Date: Analytes ====================================	 .26 .317 .482 .484 .46 .497 1.41 .257 .335 .34	======= PG/L PG/L PG/L PG/L PG/L PG/L PG/L PG/L	1.000 0.500 0.100 0.100 0.100 0.010 0.010 0.001 0.001 0.050 0.050 0.100	01-MAY-2012 P614087 ND	TCDD 01-MAY-2012 P614087 ND ND ND ND DNQ0.148 0.26 ND ND ND	01-MAY-2012 P614092 ND ND ND ND ND ND ND ND ND ND ND ND ND	TCDD 01-MAY-2012 P614092 ND
Date: Analytes ====================================	 .26 .317 .482 .484 .46 .497 1.41 .257 .335 .34 .284	======= PG/L PG/L PG/L PG/L PG/L PG/L PG/L PG/L	1.000 0.500 0.100 0.100 0.100 0.010 0.010 0.010 0.050 0.050 0.100 0.100	01-MAY-2012 P614087 ND DNQ14.8 260 ND ND ND ND ND ND ND	TCDD 01-MAY-2012 P614087 ND	01-MAY-2012 P614092 ND	TCDD 01-MAY-2012 P614092
Date: Analytes ====================================	26 .317 .482 .484 .46 .497 1.41 .257 .335 .34 .284 .281 .348	======= PG/L PG/L PG/L PG/L PG/L PG/L PG/L PG/L	1.000 0.500 0.100 0.100 0.100 0.010 0.010 0.001 0.001 0.050 0.050 0.100 0.100	01-MAY-2012 P614087 ND	TCDD 01-MAY-2012 P614087 ND	01-MAY-2012 P614092 ND	TCDD 01-MAY-2012 P614092
Date: Analytes ====================================	26 .317 .482 .484 .46 .497 1.41 .257 .335 .34 .284 .281 .348	PG/L PG/L PG/L PG/L PG/L PG/L PG/L PG/L	1.000 0.500 0.100 0.100 0.100 0.010 0.010 0.010 0.050 0.050 0.100 0.100 0.100	01-MAY-2012 P614087 P614087 ND DNQ14.8 260 ND	TCDD 01-MAY-2012 P614087 ND	01-MAY-2012 P614092 ND	TCDD 01-MAY-2012 P614092
Date: Analytes ====================================	26 .317 .482 .484 .46 .497 1.41 .257 .335 .34 .284 .281 .348 .294	PG/L PG/L PG/L PG/L PG/L PG/L PG/L PG/L	1.000 0.500 0.100 0.100 0.100 0.010 0.010 0.010 0.050 0.050 0.100 0.100 0.100 0.100 0.100	01-MAY-2012 P614087 P614087 ND	TCDD 01-MAY-2012 P614087	01-MAY-2012 P614092 ND	TCDD 01-MAY-2012 P614092
Date: Analytes ====================================	==== .26 .317 .482 .484 .46 .497 1.41 .257 .335 .34 .284 .281 .348 .294	PG/L PG/L PG/L PG/L PG/L PG/L PG/L PG/L	1.000 0.500 0.100 0.100 0.100 0.010 0.010 0.010 0.050 0.050 0.100 0.100 0.100	01-MAY-2012 P614087 P614087 ND DNQ14.8 260 ND	TCDD 01-MAY-2012 P614087 ND	01-MAY-2012 P614092 ND	TCDD 01-MAY-2012 P614092

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		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				TNELLIENT	TNELLIENT	FEELLIENT	EEELLIENT
Source:				INFLUENT	INFLUENT TCDD	EFFLUENT	EFFLUENT TCDD
					TCDD		TCDD
Date:	MDL	Units	Eauiv.	02-0CT-2012	TCDD 02-0CT-2012	02-0CT-2012	TCDD 02-0CT-2012
	MDL ====	Units =======	Equiv.	02-0CT-2012 P634417	TCDD 02-0CT-2012 P634417	02-0CT-2012 P634422	TCDD
Date: Analytes			•	02-0CT-2012 P634417	TCDD 02-0CT-2012 P634417	02-0CT-2012 P634422	TCDD 02-0CT-2012 P634422
Date: Analytes	==== .26	=======	=====	02-0CT-2012 P634417	TCDD 02-0CT-2012 P634417	02-0CT-2012 P634422	TCDD 02-0CT-2012 P634422
Date: Analytes ====================================	==== .26 .317	====== PG/L	1.000	02-0CT-2012 P634417 =======	TCDD 02-0CT-2012 P634417 ======	02-0CT-2012 P634422 ======	TCDD 02-0CT-2012 P634422 =======
Date: Analytes ====================================	.26 .317 .482	PG/L PG/L	1.000 0.500	02-0CT-2012 P634417 ====== ND ND	TCDD 02-0CT-2012 P634417 ====== ND ND	02-0CT-2012 P634422 ====== ND ND	TCDD 02-0CT-2012 P634422 ====== ND ND
Date: Analytes ====================================	.26 .317 .482	PG/L PG/L PG/L	1.000 0.500 0.100	02-0CT-2012 P634417 ====== ND ND ND	TCDD 02-0CT-2012 P634417 ======= ND ND ND	02-0CT-2012 P634422 ====== ND ND ND	TCDD 02-0CT-2012 P634422 ====== ND ND ND
Date: Analytes ====================================	.26 .317 .482 .484	PG/L PG/L PG/L PG/L PG/L	1.000 0.500 0.100 0.100	02-0CT-2012 P634417 ======= ND ND ND ND	TCDD 02-0CT-2012 P634417 ND ND ND ND ND ND	02-OCT-2012 P634422 ====== ND ND ND ND ND	TCDD 02-0CT-2012 P634422 ND ND ND ND ND
Date: Analytes ====================================	.26 .317 .482 .484 .46	PG/L PG/L PG/L PG/L PG/L PG/L	1.000 0.500 0.100 0.100 0.100	02-0CT-2012 P634417 ======= ND ND ND ND ND	TCDD 02-0CT-2012 P634417 ND ND ND ND ND ND ND ND	02-OCT-2012 P634422 ND ND ND ND ND ND	TCDD 02-0CT-2012 P634422 ND ND ND ND ND ND ND ND
Date: Analytes ====================================	==== .26 .317 .482 .484 .46 .497	PG/L PG/L PG/L PG/L PG/L PG/L PG/L	1.000 0.500 0.100 0.100 0.100 0.010	02-OCT-2012 P634417 ======= ND ND ND ND ND ND ND	TCDD 02-0CT-2012 P634417 ND	02-OCT-2012 P634422 ND ND ND ND ND ND ND	TCDD 02-0CT-2012 P634422 ND
Date: Analytes ====================================	.26 .317 .482 .484 .46 .497 1.41	PG/L PG/L PG/L PG/L PG/L PG/L PG/L PG/L	1.000 0.500 0.100 0.100 0.100 0.010 0.001	02-OCT-2012 P634417 ======== ND ND ND ND ND ND ND 25.6	TCDD 02-0CT-2012 P634417 ND 0.256 0.16	02-OCT-2012 P634422 ====== ND ND ND ND ND ND ND ND	TCDD 02-0CT-2012 P634422 ND
Date: Analytes ====================================	.26 .317 .482 .484 .46 .497 1.41	PG/L PG/L PG/L PG/L PG/L PG/L PG/L PG/L	1.000 0.500 0.100 0.100 0.100 0.100 0.010 0.001 0.100	02-OCT-2012 P634417 ========= ND ND ND ND ND ND ND 25.6 160 ND	TCDD 02-0CT-2012 P634417 ND	02-OCT-2012 P634422 	TCDD 02-0CT-2012 P634422 ND
Date: Analytes ====================================	-=== .26 .317 .482 .484 .46 .497 1.41 .257 .335	PG/L PG/L PG/L PG/L PG/L PG/L PG/L PG/L	1.000 0.500 0.100 0.100 0.100 0.100 0.010 0.001 0.001 0.100 0.050	02-OCT-2012 P634417 ========= ND ND ND ND ND ND ND 25.6 160 ND	TCDD 02-0CT-2012 P634417 ND	02-OCT-2012 P634422 	TCDD 02-0CT-2012 P634422 ==================================
Date: Analytes ====================================	 .26 .317 .482 .484 .46 .497 1.41 .257 .335 .34 .284	PG/L PG/L PG/L PG/L PG/L PG/L PG/L PG/L	1.000 0.500 0.100 0.100 0.100 0.010 0.010 0.001 0.001 0.050 0.050 0.100 0.100	02-OCT-2012 P634417 	TCDD 02-0CT-2012 P634417 ND	02-OCT-2012 P634422 ND	TCDD 02-0CT-2012 P634422 ND
Date: Analytes ====================================	26 .317 .482 .484 .46 .497 1.41 .257 .335 .34 .284 .281	======= PG/L PG/L PG/L PG/L PG/L PG/L PG/L PG/L	1.000 0.500 0.100 0.100 0.100 0.010 0.010 0.001 0.001 0.050 0.050 0.100 0.100	02-OCT-2012 P634417 ND	TCDD 02-0CT-2012 P634417 ND	02-OCT-2012 P634422 ND	TCDD 02-0CT-2012 P634422
Date: Analytes ====================================	26 .317 .482 .484 .46 .497 1.41 .257 .335 .34 .284 .281 .348	PG/L PG/L PG/L PG/L PG/L PG/L PG/L PG/L	1.000 0.500 0.100 0.100 0.100 0.010 0.010 0.010 0.050 0.050 0.100 0.100 0.100	02-OCT-2012 P634417 ND	TCDD 02-0CT-2012 P634417 ND	02-OCT-2012 P634422 ND	TCDD 02-0CT-2012 P634422
Date: Analytes ====================================	==== .26 .317 .482 .484 .46 .497 1.41 .257 .335 .34 .284 .281 .348 .294	PG/L PG/L PG/L PG/L PG/L PG/L PG/L PG/L	1.000 0.500 0.100 0.100 0.100 0.010 0.010 0.001 0.050 0.050 0.100 0.100 0.100 0.100	02-OCT-2012 P634417 ===================================	TCDD 02-0CT-2012 P634417	02-OCT-2012 P634422 ND	TCDD 02-0CT-2012 P634422 ==================================
Date: Analytes ====================================	==== .26 .317 .482 .484 .46 .497 1.41 .257 .335 .34 .284 .281 .348 .294	PG/L PG/L PG/L PG/L PG/L PG/L PG/L PG/L	1.000 0.500 0.100 0.100 0.100 0.010 0.010 0.010 0.050 0.050 0.100 0.100 0.100	02-OCT-2012 P634417 ND	TCDD 02-0CT-2012 P634417 ND	02-OCT-2012 P634422 ND	TCDD 02-0CT-2012 P634422

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:	MDI	Units	Fauiv	07-AUG-2012	TCDD 07-AUG-2012	02-0CT-2012	TCDD 02-0CT-2012
	MDL ====	Units	Equiv.		TCDD 07-AUG-2012 P627003	02-0CT-2012 P634427	TCDD 02-0CT-2012 P634427
Date: Analytes				07-AUG-2012 P627003	TCDD 07-AUG-2012 P627003	02-0CT-2012 P634427	TCDD 02-0CT-2012 P634427
Date: Analytes ====================================	==== .26	======	=====	07-AUG-2012 P627003	TCDD 07-AUG-2012 P627003 ===================================	02-0CT-2012 P634427	TCDD 02-OCT-2012 P634427
Date: Analytes	==== .26 .317	====== PG/L	1.000	07-AUG-2012 P627003 ===================================	TCDD 07-AUG-2012 P627003 ===================================	02-OCT-2012 P634427 ===================================	TCDD 02-0CT-2012 P634427
Date: Analytes ====================================	 .26 .317 .482	PG/L PG/L	1.000 0.500	07-AUG-2012 P627003 ===================================	TCDD 07-AUG-2012 P627003 ===================================	02-OCT-2012 P634427 ===================================	TCDD 02-OCT-2012 P634427 ND ND
Date: Analytes ====================================	 .26 .317 .482	PG/L PG/L PG/L PG/L	1.000 0.500 0.100	07-AUG-2012 P627003 ===================================	TCDD 07-AUG-2012 P627003 ===================================	02-0CT-2012 P634427 ===================================	TCDD 02-OCT-2012 P634427 ND ND ND
Date: Analytes ====================================	.26 .317 .482 .484	PG/L PG/L PG/L PG/L PG/L	1.000 0.500 0.100 0.100	07-AUG-2012 P627003 ===================================	TCDD 07-AUG-2012 P627003 ND ND ND ND ND	02-0CT-2012 P634427 ===================================	TCDD 02-OCT-2012 P634427
Date: Analytes ====================================	==== .26 .317 .482 .484 .46	PG/L PG/L PG/L PG/L PG/L PG/L	1.000 0.500 0.100 0.100 0.100	07-AUG-2012 P627003 ===================================	TCDD 07-AUG-2012 P627003 ND ND ND ND ND ND	02-0CT-2012 P634427 ===================================	TCDD 02-0CT-2012 P634427 ND ND ND ND ND ND ND ND
Date: Analytes ====================================	 .26 .317 .482 .484 .46 .497	PG/L PG/L PG/L PG/L PG/L PG/L PG/L PG/L	1.000 0.500 0.100 0.100 0.100 0.010	07-AUG-2012 P627003 ===================================	TCDD 07-AUG-2012 P627003 ND ND ND ND ND ND ND ND	02-OCT-2012 P634427 ===================================	TCDD 02-0CT-2012 P634427 ND
Date: Analytes ====================================	==== .26 .317 .482 .484 .46 .497 1.41	PG/L PG/L PG/L PG/L PG/L PG/L PG/L PG/L	1.000 0.500 0.100 0.100 0.100 0.010 0.010	07-AUG-2012 P627003 ===================================	TCDD 07-AUG-2012 P627003 ND ND ND ND ND ND ND ND ND ND	02-OCT-2012 P634427 ===================================	TCDD 02-0CT-2012 P634427 ND
Date: Analytes ====================================	==== .26 .317 .482 .484 .46 .497 1.41	PG/L PG/L PG/L PG/L PG/L PG/L PG/L PG/L	1.000 0.500 0.100 0.100 0.100 0.100 0.010 0.001 0.100	07-AUG-2012 P627003 ===================================	TCDD 07-AUG-2012 P627003	02-OCT-2012 P634427 ===================================	TCDD 02-OCT-2012 P634427 ND
Date: Analytes ====================================	.26 .317 .482 .484 .46 .497 1.41 .257 .335	PG/L PG/L PG/L PG/L PG/L PG/L PG/L PG/L	1.000 0.500 0.100 0.100 0.100 0.100 0.010 0.001 0.001 0.100 0.050	07-AUG-2012 P627003	TCDD 07-AUG-2012 P627003	02-OCT-2012 P634427 ===================================	TCDD 02-OCT-2012 P634427
Date: Analytes ====================================	 .26 .317 .482 .484 .46 .497 1.41 .257 .335 .34	PG/L PG/L PG/L PG/L PG/L PG/L PG/L PG/L	1.000 0.500 0.100 0.100 0.100 0.010 0.010 0.001 0.100 0.050	07-AUG-2012 P627003	TCDD 07-AUG-2012 P627003	02-OCT-2012 P634427 ND	TCDD 02-OCT-2012 P634427
Date: Analytes ====================================	 .26 .317 .482 .484 .46 .497 1.41 .257 .335 .34 .284 .281	PG/L PG/L PG/L PG/L PG/L PG/L PG/L PG/L	1.000 0.500 0.100 0.100 0.100 0.010 0.010 0.001 0.050 0.050 0.100	07-AUG-2012 P627003	TCDD 07-AUG-2012 P627003	02-OCT-2012 P634427 ND	TCDD 02-OCT-2012 P634427 ND ND ND ND ND ND ND ND ND N
Date: Analytes ====================================	-= .26 .317 .482 .484 .46 .497 1.41 .257 .335 .34 .284 .281	PG/L PG/L PG/L PG/L PG/L PG/L PG/L PG/L	1.000 0.500 0.100 0.100 0.100 0.010 0.010 0.001 0.001 0.050 0.050 0.100	07-AUG-2012 P627003	TCDD 07-AUG-2012 P627003	02-0CT-2012 P634427 ND	TCDD 02-OCT-2012 P634427 ND ND ND ND ND ND ND ND ND N
Date: Analytes ====================================	-= .26 .317 .482 .484 .46 .497 1.41 .257 .335 .34 .284 .281 .348 .294	PG/L PG/L PG/L PG/L PG/L PG/L PG/L PG/L	1.000 0.500 0.100 0.100 0.100 0.010 0.010 0.001 0.050 0.050 0.100 0.100 0.100 0.100 0.100	07-AUG-2012 P627003	TCDD 07-AUG-2012 P627003 ==================================	02-0CT-2012 P634427 ===================================	TCDD 02-OCT-2012 P634427 P634427 ND ND ND ND ND ND ND ND ND N
Date: Analytes ====================================	 .26 .317 .482 .484 .46 .497 1.41 .257 .335 .34 .284 .284 .281 .348 .294	PG/L PG/L PG/L PG/L PG/L PG/L PG/L PG/L	1.000 0.500 0.100 0.100 0.100 0.010 0.010 0.010 0.050 0.050 0.100 0.100 0.100	07-AUG-2012 P627003	TCDD 07-AUG-2012 P627003	02-0CT-2012 P634427	TCDD 02-OCT-2012 P634427 P634427 ND ND ND ND ND ND ND ND ND N

ND= not detected

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

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