II. Influent and Effluent Data Summary

The results of all analyses performed on the WWTP influent and effluent are summarized in tables with monthly and annual averages (and in some cases annual totals) calculated. Graphs of monthly averages are presented.

- A. Influent and Effluent Data Summaries
- B. Influent and Effluent Graphs
- C. Daily Values of Selected Parameters
- D. Toxicity Bioassays
- E. 6-Year Tables.

Mass Emissions of Effluent Using 2004 Monthly Averages

DISCHARGE SPECIFICATIONS from NPDES Permit No. CA0107409/RWQCB Order No. R-2002-0025 effective on September 13, 2002 with limits on pollutant discharges.

2002-0025 effective on septemb	DEI 13, 2002 WILLI	2004	tant discharges.	
	Benchmarks	Z004 Mass	2004	
	(mt/yr)	Emissions ^[2]	Concentration	
Constituent/Property	(110 91)	(mt/yr)	Concentration	Units
Flow (MGD)			173.9	MGD
Total Suspended Solids	13,995 ^[1]	10,325	43	mg/L
BOD		24,252	101	mg/L
Arsenic	0.88	0.26	1.09	ug/L
Cadmium	1.4	0.02	0.1	ug/L
Chromium	14.2	0.48	2.0	ug/L
Copper	26	10	43	ug/L
Lead	14.2	0.00	0.00	ug/L
Mercury	0.19	0.00	0.00	ug/L
Nickel	11.3	1.20	5.00	ug/L
Selenium	0.44	0.26	1.1	ug/L
Silver	2.8	0.05	0.20	ug/L
Zinc	18.3	5.8	24	ug/L
Cyanide	1.57	0.41	0.0017	mg/L
Residual Chlorine				g, L
Ammonia	8018	6,579	27.4	mg/L
Non-Chor. Phenols	2.57	2.71	11.3	ug/L
Chlorinated Phenols	1.73	0.00	0	ug/L
Endosulfan	0.006	0.00	0	ng/L
Endrin	0.008	0.00	0	ng/L
hexachlorocyclohexanes	0.025	0.00	2	ng/L
*(HCH)	0.020	0	2	ng/ L
* (all as Lindane, the gamma isomer)				
Acrolein	17.6	0.00	0	ug/L
Antimony	56.6	1.0	4	ug/L
Bis(2-chloroethoxy) methane	1.5	0.00	0	ug/L
Bis(2-chloroisopropyl) ether	1.61	0.00	0	ug/L
Chlorobenzene	1.7	0.00	0	ug/L
Chromium (III)				- J.
di-n-butyl phthalate	1.33	0.00	0	ug/L
dichlorobenzenes	2.8	0.0	0	ug/L
1,1-dichloroethylene	0.79	0.00	0	ug/L
Diethyl phthalate	6.23	0.14	0.6	ug/L
Dimethyl phthalate	1.59	0.00	0	ug/L
4,6-dinitro-2-methylphenol	6.8	0.00	0	ug/L
2,4-dinitrophenol	11.9	0.00	0	ug/L
Ethylbenzene	2.04	0.00	0	ug/L
Fluoranthene	0.62	0.00	0	ug/L
Hexachlorocyclopentadiene	-	0.00	0	ug/L
Nitrobenzene	2.07	0.00	0	ug/L
Thallium	36.8	0.00	0	ug/L
Toluene	3.31	0.46	1.9	ug/L
1,1,2,2-tetrachloroethane	1.95	0.00	0	ug/L
Tributyltin	0.001	0.00	0	ug/L
1,1,1-trichloroethane	2.51	0.00	0	ug/L
1,1,2-trichloroethane	1.42	0.00	0	ug/L
Acrylonitrile	5.95	0.00	0	ug/L
Actylonithe	0.70	0.00	0	uy/L

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Influent and Effluent Data Summary 2.48

2002-0025 effective on September 13, 2002 with limits on pollutant discharges.									
		2004							
	Benchmarks	Mass	2004						
	(mt/yr)	Emissions ^[2]	Concentration						
Constituent/Property		<u>(mt/yr)</u>		Units					
Aldrin	0.006	0.00	0	ng/L					
Benzene	1.25	0.00	0	ug/L					
Benzidine	12.5	0.00	0	ug/L					
Beryllium	1.42	0.00	0	ug/L					
Bis(2-chloroethyl) ether	1.61	0.00	0	ug/L					
Bis(2-ethylhexyl) phthalate	2.89	0.29	1.2	ug/L					
Carbon Tetrachloride	0.79	0.00	0	ug/L					
Chlordane	0.014	0.0007	3	ng/L					
Chloroform	2.19	1.54	6.4	ug/L					
DDT	0.043	0.00	0	ng/L					
1,4-dichlorobenzene	1.25	0.31	1.3	ug/L					
3,3-dichlorobenzidine	4.67	0.00	0	ug/L					
1,2-dichloroethane	0.79	0.00	0	ug/L					
Dichloromethane (methylene	13.7	0.62	2.6	ug/L					
chloride)									
1,3-dichloropropene	1.42	0.00	0	ug/L					
Dieldrin	0.011	0.00	0	ng/L					
2,4-dinitrotoluene	1.61	0.00	0	ug/L					
1,2-diphenylhydrazine	1.52	0.00	0	ug/L					
Halomethanes	5.86	0.34	1.4	ug/L					
Heptachlor	0.001	0.00	0	ng/L					
Heptachlor epoxide	0.024	0.00	0	ng/L					
Hexachlorobenzene	0.54	0.00	0	ug/L					
Hexachlorobutadiene	0.054	0.00	0	ug/L					
Hexachloroethane	1.13	0.00	0	ug/L					
Isophorone	0.71	0.00	0	ug/L					
N-nitrosodimethylamine	0.76	0.00	0	ug/L					
N-nitrosodiphenylamine	1.47	0.00	0	ug/L					
PAHs	15.45	0.00	0	ug/L					
PCBs	0.275	0.00	0	ng/L					
TCDD equivalents		0.000000000	0.000	pg/L					
Tetrachloroethylene	4	0.10	0.4	ug/L					
Toxaphene	0.068	0.00	0	ng/L					
Trichloroethylene	1.56	0.00	0	ug/L					
2,4,6-trichlorophenol	0.96	0.00	0	ug/L					
Vinyl Chloride	0.4	0.00	0	ug/L					

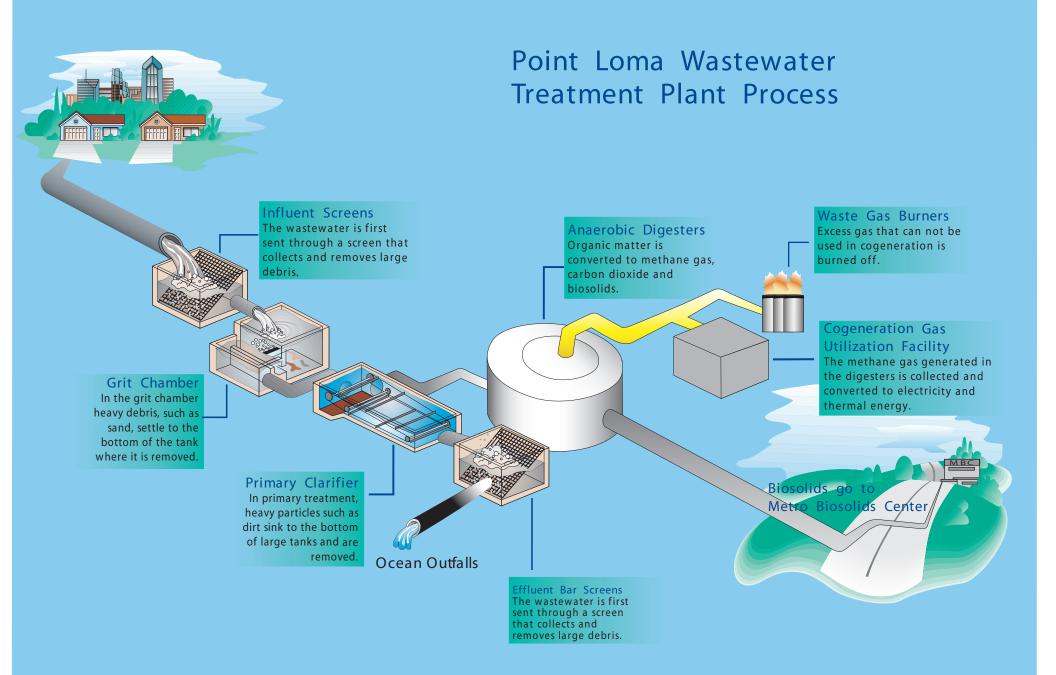
DISCHARGE SPECIFICATIONS from NPDES Permit No. CA0107409/RWQCB Order No. R-2002-0025 effective on September 13, 2002 with limits on pollutant discharges.

[1] Total Suspended Solids (TSS)- The discharger shall achieve a mass emission of TSS of no Greater than 15,000 mt/yr; this requirement shall be effective through December 31, 2005. Effective January 1, 2006, the discharger shall achieve a mass emission of TSS of no greater than 13,599 mt/yr.

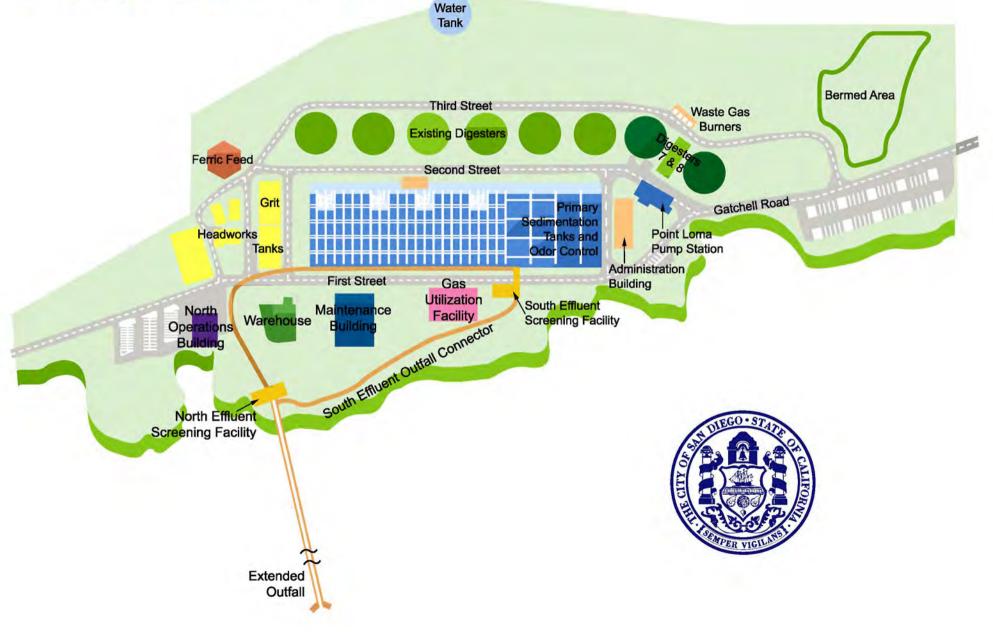
^[2] Metric tons of mass emissions is calculated assuming the density of effluent is 1. These annual mass emissions are calculated by multiplying the average mass emission for each month by the total days in the year. Conversion factor for short tons to metric tons updated in 2003 from 0.9078 (Hoke, Inc. 11/73) to 0.9072 (NIST Special Publication 811, 1995 Edition, Guide for the Use of the International System of Units (SI). Difference is less than 0.07%.

A. Influent and Effluent Data Summaries

The results of all analyses performed on the WWTP influent and effluent are summarized in tables with monthly and annual averages (and in some cases annual totals) calculated.



Point Loma Wastewater Treatment Plant



SEWAGE ANNUAL From 01-JAN-2004 To 31-DEC-2004

Biochemical Oxygen Demand Concentration (24-hour composite)

		Flow	Value (mg/L)(Value (lbs/Day)		Effluent Value (lbs/Day)	Percent Removal BOD (%)
JANUARY	==== -2004	169.0	======================================	383373	======================================	======================================	61.8
	-2004	179.6	249	372968	98	146791	60.6
	-2004	176.6	244	359374	100	147284	59.0
APRIL	-2004	171.3	258	368590	100	142864	61.2
MAY	-2004	167.5	264	368795	101	141092	61.7
JUNE	-2004	166.8	277	385338	108	150240	61.0
JULY	-2004	170.5	251	356914	102	145041	59.4
AUGUST	-2004	168.5	267	375212	115	161608	56.9
SEPTEMBER	-2004	168.9	257	362017	106	149314	58.8
OCTOBER	-2004	187.0	234	364942	86	134124	63.2
NOVEMBER	-2004	182.4	234	355965	94	142994	59.8
DECEMBER	-2004	178.7	256	381532	103	153507	59.8
=========	=====	=========					======
Average		173.9	255	369585	101	146787	60.3

Total Suspended Solids Concentration (24-hour composite)

	Flow	Daily Influent Value (mg/L)	Daily Influent Volatile (mg/L)	Percent VSS of TSS (%)	Daily Influent Value (lbs/Day)	Daily Effluent Value (mg/L)	Daily Effluent Volatile (mg/L)	Percent VSS of TSS (%)	Daily Effluent Value (lbs/Day)
JANUARY -2004	169.0	311	261	83.9	438342		33		64835
FEBRUARY -2004	179.6	290	239	82.4	434381	44	31	70.5	65906
MARCH -2004	176.6	290	239	82.4	427125	44	31	70.5	64805
APRIL -2004	171.3	289	238	82.4	412878	44	30	68.2	62860
MAY -2004	167.5	285	238	83.5	398131	42	29	69.0	58672
JUNE -2004	166.8	303	249	82.2	421507	44	32	72.7	61209
JULY -2004	170.5	300	243	81.0	426591	44	31	70.5	62567
AUGUST -2004	168.5	297	249	83.8	417371	43	31	72.1	60427
SEPTEMBER-2004	168.9	295	244	82.7	415545	45	32	71.1	63388
OCTOBER -2004	187.0	293	234	79.9	456957	38	26	68.4	59264
NOVEMBER -2004	182.4	262	214	81.7	398559	38	26	68.4	57806
DECEMBER -2004	178.7	274	223	81.4	408358	42	28	66.7	62595
	==========		=========			=======================================	==========		========
Average	173.9	291	239	82.3	421312	43	30	70.0	62028

Annual Mass Emissions are calculated from monthly averages of flow and BOD (or TSS), whereas monthly report average mass emissions are calculated from average daily mass emissions.

Annual Systemwide BOD Removals

From 01-JAN-2004 To 31-DEC-2004

Mass Emissions are in pounds per day.

	Pt. Loma Influent Mass Emission	PS64 Influent Mass Emission	Penasquitos Influent Mass Emission	Return Stream Mass Emission	Pt. Loma Effluent Mass Emission	Monthly Systemwide Percent Removal	Pt. Loma Daily Percent Removal
	=======================================					========	
JANUARY	383373	25894	17274	38809	146584	62.3	61.8
FEBRUARY	372968	24161	17419	10219	146791	63.6	60.6
MARCH	359374	25666	16477	10982	147284	61.8	59.0
APRIL	368590	28703	16335	14631	142864	64.1	61.2
MAY	368795	31353	17345	12893	141092	64.9	61.7
JUNE	385338	27785	12489	9613	150240	64.0	61.0
JULY	356914	29500	13827	10057	145041	62.7	59.4
AUGUST	375212	28212	12421	11895	161608	59.7	56.9
SEPTEMBER	362017	29636	10029	12000	149314	61.4	58.8
OCTOBER	364942	39869	5099	14994	134124	65.8	63.2
NOVEMBER	355965	36019	11752	16788	142994	62.9	59.8
DECEMBER	381532	40552	6899	18692	153507	62.3	59.8
================	=======================================	=========					
Average	369585	30613	13114	15131	146787	63.0	60.3

POINT LOMA WASTEWATER TREATMENT PLANT

Annual Systemwide TSS Removals

From 01-JAN-2004 To 31-DEC-2004

	Pt. Loma Influent Mass Emission	PS64 Influent Mass Emission	Penasquitos Influent Mass Emission	Return Stream Mass Emission	Pt. Loma Effluent Mass Emission	Monthly Systemwide Percent Removal	Pt. Loma Daily Percent Removal
=================							
JANUARY	438342	25533	18375	59472	64835	84.3	85.2
FEBRUARY	434381	24520	19746	18578	65906	85.6	84.8
MARCH	427125	24347	18892	12290	64805	85.9	84.8
APRIL	412878	26644	19126	14515	62860	85.9	84.8
MAY	398131	32096	21579	21864	58672	86.1	85.3
JUNE	421507	27523	17419	20149	61209	86.2	85.5
JULY	426591	28574	19666	21574	62567	86.2	85.3
AUGUST	417371	39598	16506	25683	60427	86.2	85.5
SEPTEMBER	415545	36269	15144	25530	63388	85.6	84.7
OCTOBER	456957	49749	7169	36099	59264	87.5	87.0
NOVEMBER	398559	31820	14270	23197	57806	86.3	85.5
DECEMBER	408358	54415	10133	29986	62595	85.6	84.7
==============		========		======	=======		======
Average	421312	33424	16502	25745	62028	86.0	85.3

The mass emission for the Return Stream is calculated using data from four NCWRP sources (plant drain, filter backwash, excess primary effluent, and disinfected final effluent that is not reclaimed) and one MBC source (centrate from the dewatering process)that are diverted to the Return Stream.

From 01-JAN-2004 To 31-DEC-2004

Influent to Plant (PLR)

	рН	Settleable Solids (ml/L)	Biochemical Oxygen Demand (mg/L)	Hexane Extractable Material (mg/L)	Temperature (C)
================	========	========	========		=========
JANUARY -2004	7.29	13.80	272	44.4	22.0
FEBRUARY -2004	7.29	9.97	249	42.0	21.6
MARCH -2004	7.26	9.67	244	44.8	22.7
APRIL -2004	7.29	11.90	258	45.5	23.8
MAY -2004	7.29	13.60	264	50.7	25.4
JUNE -2004	7.30	12.80	277	42.2	26.1
JULY -2004	7.34	12.20	251	44.5	27.2
AUGUST -2004	7.34	13.50	267	47.3	27.8
SEPTEMBER-2004	7.35	13.40	257	49.2	27.9
OCTOBER -2004	7.34	12.60	234	44.3	26.7
NOVEMBER -2004	7.35	10.10	234	38.2	24.3
DECEMBER -2004	7.33	10.20	256	41.5	22.6
	=======	========	========	========	========
Average	7.31	12.0	255	44.6	24.8

Effluent to Ocean Outfall (PLE)

			Biochemical	Hexane			
		Settleable	Oxygen	Extractable		Floating	
	pН	Solids	Demand	Material	Temperature	Particulate	esTurbidity
		(ml/L)	(mg/L)	(mg/L)	(C)	(mg/L)	(NTU)
=================	========	========	=======	========	========	=======	========
JANUARY -2004	7.18	0.2	104	12.0	21.9	0.14	50
FEBRUARY -2004	7.19	0.2	98	15.6	21.4	0.33	45
MARCH -2004	7.15	0.3	100	16.8	22.9	<0.10	47
APRIL -2004	7.15	0.5	100	16.9	23.8	0.12	49
MAY -2004	7.16	0.7	101	17.7	25.6	<0.10	53
JUNE -2004	7.25	0.8	108	13.8	26.1	<0.10	50
JULY -2004	7.33	0.5	102	13.7	27.3	0.12	50
AUGUST -2004	7.29	0.5	115	14.0	27.9	0.11	54
SEPTEMBER-2004	7.29	0.5	106	12.9	28.0	<0.10	53
OCTOBER -2004	7.26	0.4	86	11.6	26.7	<0.10	44
NOVEMBER -2004	7.24	0.3	94	12.2	24.5	0.16	49
DECEMBER -2004	7.28	0.3	103	13.8	22.6	<0.10	54
Average	7.23	0.4	101	14.3	24.9	0.08	50

POINT LOMA WASTEWATER TREATMENT PLANT ANNUAL SEWAGE Trace Metals (Limits shown are the 6-Month Median Maximum)

From: 01-JAN-2004 to: 31-DEC-2004

Sampled by: NDL,A4A Analyzed by: BOA,G8C,JRF,IEN,LXP,JRV, GS

Analyte:		Antimony	Arsenic	Arsenic	BerylliumBer	yllium	Cadmium	Cadmium
MDL Units:	23	23	. 4	.4	.39	.39	1	1
Source:	PLR	PLE	PLR	PLE	PLR	PLE	PLR	PLE
JANUARY -2004	ND	<23	1.88	1.43	ND	ND	<1.0	<1.0
FEBRUARY -2004	31	<23	1.51	0.66	ND	ND	1.4	<1.0
MARCH -2004	<23	<23	1.68	1.16	ND	ND	ND	ND
APRIL -2004	ND	ND	1.46	1.03	ND	ND	ND	ND
MAY -2004	25	40	1.42	1.52	ND	ND	<1.0	<1.0
JUNE -2004	ND	ND	1.72	1.20	ND	ND	0.5	<0.2
JULY -2004	<1	ND	1.22	0.85	ND	ND	0.5	<0.2
AUGUST -2004	<1	<1	1.21	0.69	ND	ND	0.7	0.4
SEPTEMBER-2004	3	3	1.56	1.08	ND	ND	0.7	0.4
OCTOBER -2004	ND	<1	2.26	1.43	<0.04	ND	0.5	0.2
NOVEMBER -2004	<1	ND	1.24	0.82	ND	ND	0.3	ND
DECEMBER -2004	<1	ND	1.85	1.24	ND	ND	0.3	ND
AVERAGE	5	4	1.58	1.09	0.00	ND	0.4	0.1
Analyte:	Chromium	Chromium	Copper	Copper	Iron	Iron	Lead	Lead
MDL Units:	5	5	4	- 4	30	30	18	18
Source:	PLR	PLE	PLR	PLE	PLR	PLE	PLR	PLE
				=======				
JANUARY -2004	<5.0	ND	130	50	8350	6570	<18.0	<18.0
FEBRUARY -2004	7.9	<5.0	158	64	8110	4910	ND	<18.0
MARCH -2004	<5.0	ND	157	70	7200	5070	ND	ND
APRIL -2004	9.0	ND	149	44	6540	5500	ND	<18.0
MAY -2004	<5.0	<5.0	121	53	7170	6090	ND	ND
JUNE -2004	8.3	1.7	110	49	9970	5890	3.6	<1.4
JULY -2004	10.1	3.6	95	37	9380	5400	4.5	ND
AUGUST -2004	13.4	11.1	127	37	9970	5550	5.0	ND
SEPTEMBER-2004	5.0	2.4	94	31	8890	6200	3.0	ND
OCTOBER -2004					0100	10.10		<1.4
OCIODER 2004	8.7	2.5	94	25	9120	4940	5.5	<1.4
NOVEMBER -2004	8.7 5.9	2.5 1.5	94 106	25 31	7210	4940 4700	5.5	<1.4
NOVEMBER -2004	5.9 6.0	1.5	106	31 23	7210	4700 6040	3.1	<1.4 ND

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

POINT LOMA WASTEWATER TREATMENT PLANT ANNUAL SEWAGE Trace Metals (Limits shown are the 6-Month Median Maximum)

From: 01-JAN-2004 to: 31-DEC-2004

Sampled by: NDL,A4A Analyzed by: BOA,G8C,JRF,IEN,LXP,JRV, GS

Analyte:	Mercury	Mercury	Nickel	Nickel	Selenium	Selenium	Silver	Silver
MDL Units:	.09	.09	14	14	.28	.28	6.6	6.6
Source:	PLR	PLE	PLR	PLE	PLR	PLE	PLR	PLE
	==========	=======	===========	=======				
JANUARY -2004	0.26	ND	<14	<14	2.00	1.48	ND	ND
FEBRUARY -2004	0.17	ND	ND	<14	1.94	1.28	ND	ND
MARCH -2004	0.38	ND	ND	ND	1.60	1.18	ND	ND
APRIL -2004	0.32	ND	<14	ND	1.72	1.18	ND	ND
MAY -2004	0.12	ND	ND	ND	1.78	1.24	ND	ND
JUNE -2004	0.16	ND	11	8	1.40	1.04	4.4	1.2
JULY -2004	0.22	ND	13	9	1.49	0.92	3.0	0.4
AUGUST -2004	0.16	ND	16	14	1.68	0.81	3.4	0.3
SEPTEMBER-2004	0.11	ND	12	8	1.32	0.78	2.2	0.4
OCTOBER -2004	0.19	ND	14	10	1.60	1.06	3.0	0.4
NOVEMBER -2004	0.24	ND	11	8	1.53	0.95	0.9	ND
DECEMBER -2004	0.10	ND	10	6	1.80	1.33	0.7	ND
	==========	========	==========	=======	=========		==========	
AVERAGE	0.20	ND	7	5	1.66	1.10	1.5	0.2

Analyte:	Thallium	Thallium	Zinc	Zinc
MDL Units:	40	40	4	4
Source:	PLR	PLE	PLR	PLE
	==========		=========	
JANUARY -2004	ND	ND	159	46
FEBRUARY -2004	ND	ND	143	27
MARCH -2004	ND	ND	138	36
APRIL -2004	ND	ND	154	20
MAY -2004	ND	ND	138	21
JUNE -2004	ND	<1.8	120	21
JULY -2004	ND	<1.8	130	18
AUGUST -2004	ND	ND	155	19
SEPTEMBER-2004	ND	ND	114	17
OCTOBER -2004	ND	<1.8	129	18
NOVEMBER -2004	<1.8	ND	122	18
DECEMBER -2004	ND	ND	129	21
			==========	
AVERAGE	0.0	0.0	136	24

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

POINT LOMA WASTEWATER TREATMENT PLANT ANNUAL SEWAGE Ammonia-Nitrogen and Total Cyanides (Limits shown are the 6-Month Median Maximum)

From: 01-JAN-2004 to: 31-DEC-2004

Sampled by: NDL,A4A Analyzed by: JJI,HHD,JRV

Limit:	Ammonia-N .2 MG/L PLR	Ammonia-N .2 MG/L PLE 123	Cyanides,Total .002 MG/L PLR	Cyanides,Total .002 MG/L PLE 0.200
JANUARY -2004	29.0	28.6	0.0030	0.0027
FEBRUARY -2004	26.7	25.7	0.0027	0.0028
MARCH -2004	27.4	27.5	0.0029	0.0028
APRIL -2004	26.3	26.8	<0.0020	<0.0020
MAY -2004	29.5	29.0	0.0027	0.0021
JUNE -2004	28.4	28.6	<0.0020	<0.0020
JULY -2004	27.9	27.8	<0.0020	<0.0020
AUGUST -2004	29.2	28.8	<0.0020	<0.0020
SEPTEMBER-2004	27.8	27.3	0.0030	0.0036
OCTOBER -2004	24.7	25.2	0.0024	<0.0020
NOVEMBER -2004	26.5	26.4	0.0031	0.0031
DECEMBER -2004	27.0	26.7	0.0023	0.0027
Average:	27.5	27.4	0.0018	0.0017

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

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POINT LOMA WASTEWATER TREATMENT PLANT ANNUAL SEWAGE Radioactivity

From: 01-JAN-2004 to: 31-DEC-2004

Analyzed by: Truesdail Labs Inc.

Source Month	Gross Alpha Radiation	Gross Beta Radiation
PLE JANUARY -2004	3.0±1.4	 16.1±3.8
PLE SANOARI -2004 PLE FEBRUARY -2004	3.011.4 1.9±1.1	16.1±3.8 16.4±3.7
PLE FEBRUARI -2004 PLE MARCH -2004	1.9±1.1 2.2±1.1	10.413.7 14.8±3.9
PLE APRIL -2004	0.3±1.0	21.5±4.5
PLE APRIL -2004 PLE MAY -2004	0.3±1.0 0.8±1.0	21.54.5 15.9±4.7
PLE MAI -2004 PLE JUNE -2004		15.914.7 14.5±4.2
PLE JULY -2004	0.9±1.1	26.3±5.2
PLE JULI -2004 PLE AUGUST -2004	0.9±1.1 0.9±0.9	20.3±5.2 20.8±4.3
PLE AUGUSI -2004 PLE SEPTEMBER-2004	2.7±1.8	20.814.3 23.1±5.0
PLE SEPTEMBER-2004 PLE OCTOBER -2004	2.7±1.8 1.7±1.0	23.1±5.0 21.1±4.0
PLE OCIOBER -2004 PLE NOVEMBER -2004	0.9±0.9	17.0 ± 4.5
PLE DECEMBER -2004	1.7±1.1	17.014.5 25.744.7
PLE DECEMBER 2004		25./±4./
AVERAGE	1.5±1.1	19.4±4.4
Source Month	Gross Alpha Radiation	Gross Beta Radiation
Source Month	-	Gross Beta Radiation
PLR JANUARY -2004	======================================	======================================
PLR JANUARY -2004 PLR FEBRUARY -2004	2.4±1.3 3.3±1.6	18.3±3.5 17.6±4.2
PLR JANUARY -2004 PLR FEBRUARY -2004 PLR MARCH -2004	2.4±1.3 3.3±1.6 7.2±1.7	18.3±3.5 17.6±4.2 19.7±4.2
PLR JANUARY -2004 PLR FEBRUARY -2004 PLR MARCH -2004 PLR APRIL -2004	2.4±1.3 3.3±1.6 7.2±1.7 1.7±1.6	18.3±3.5 17.6±4.2
PLR JANUARY -2004 PLR FEBRUARY -2004 PLR MARCH -2004 PLR APRIL -2004 PLR MAY -2004	2.4±1.3 3.3±1.6 7.2±1.7 1.7±1.6 0.4±1.9	18.3±3.5 17.6±4.2 19.7±4.2 14.6±4.0 17.0±4.8
PLR JANUARY -2004 PLR FEBRUARY -2004 PLR MARCH -2004 PLR APRIL -2004 PLR MARCH -2004 PLR APRIL -2004 PLR MAY -2004 PLR JUNE -2004	2.4±1.3 3.3±1.6 7.2±1.7 1.7±1.6 0.4±1.9 3.6±1.7	18.3±3.5 17.6±4.2 19.7±4.2 14.6±4.0 17.0±4.8 22.1±4.4
PLR JANUARY -2004 PLR FEBRUARY -2004 PLR MARCH -2004 PLR APRIL -2004 PLR MARCH -2004 PLR APRIL -2004 PLR JUNE -2004 PLR JUNE -2004 PLR JUNE -2004 PLR JUNE -2004 PLR JULY -2004	2.4±1.3 3.3±1.6 7.2±1.7 1.7±1.6 0.4±1.9 3.6±1.7 0.0±1.9	$\begin{array}{c} 18.3 \pm 3.5 \\ 17.6 \pm 4.2 \\ 19.7 \pm 4.2 \\ 14.6 \pm 4.0 \\ 17.0 \pm 4.8 \\ 22.1 \pm 4.4 \\ 25.8 \pm 4.5 \end{array}$
PLR JANUARY -2004 PLR FEBRUARY -2004 PLR MARCH -2004 PLR APRIL -2004 PLR JUNE -2004 PLR JULY -2004 PLR AUGUST -2004	2.4±1.3 3.3±1.6 7.2±1.7 1.7±1.6 0.4±1.9 3.6±1.7 0.0±1.9 4.1±2.1	$\begin{array}{c} 18.3 \pm 3.5 \\ 17.6 \pm 4.2 \\ 19.7 \pm 4.2 \\ 14.6 \pm 4.0 \\ 17.0 \pm 4.8 \\ 22.1 \pm 4.4 \\ 25.8 \pm 4.5 \\ 15.9 \pm 4.3 \end{array}$
PLR JANUARY -2004 PLR FEBRUARY -2004 PLR MARCH -2004 PLR APRIL -2004 PLR MAY -2004 PLR JUNE -2004 PLR JUNE -2004 PLR JULY -2004 PLR AUGUST -2004 PLR SEPTEMBER-2004	$\begin{array}{c} 2.4\pm1.3\\ 3.3\pm1.6\\ 7.2\pm1.7\\ 1.7\pm1.6\\ 0.4\pm1.9\\ 3.6\pm1.7\\ 0.0\pm1.9\\ 4.1\pm2.1\\ 1.1\pm1.0\end{array}$	$\begin{array}{c} 18.3 \pm 3.5 \\ 17.6 \pm 4.2 \\ 19.7 \pm 4.2 \\ 14.6 \pm 4.0 \\ 17.0 \pm 4.8 \\ 22.1 \pm 4.4 \\ 25.8 \pm 4.5 \\ 15.9 \pm 4.3 \\ 24.4 \pm 5.3 \end{array}$
PLR JANUARY -2004 PLR FEBRUARY -2004 PLR MARCH -2004 PLR APRIL -2004 PLR MAY -2004 PLR JUNE -2004 PLR JULY -2004 PLR JULY -2004 PLR AUGUST -2004 PLR SEPTEMBER-2004 PLR OCTOBER -2004	$\begin{array}{c} 2.4\pm1.3\\ 3.3\pm1.6\\ 7.2\pm1.7\\ 1.7\pm1.6\\ 0.4\pm1.9\\ 3.6\pm1.7\\ 0.0\pm1.9\\ 4.1\pm2.1\\ 1.1\pm1.0\\ 4.4\pm1.4 \end{array}$	$\begin{array}{c} 18.3 \pm 3.5 \\ 17.6 \pm 4.2 \\ 19.7 \pm 4.2 \\ 14.6 \pm 4.0 \\ 17.0 \pm 4.8 \\ 22.1 \pm 4.4 \\ 25.8 \pm 4.5 \\ 15.9 \pm 4.3 \\ 24.4 \pm 5.3 \\ 25.3 \pm 4.2 \end{array}$
PLR JANUARY -2004 PLR FEBRUARY -2004 PLR MARCH -2004 PLR APRIL -2004 PLR JUNE -2004 PLR JULY -2004 PLR JULY -2004 PLR SEPTEMBER-2004 PLR PLR OCTOBER -2004 PLR NOVEMBER -2004	$\begin{array}{c} 2.4\pm1.3\\ 3.3\pm1.6\\ 7.2\pm1.7\\ 1.7\pm1.6\\ 0.4\pm1.9\\ 3.6\pm1.7\\ 0.0\pm1.9\\ 4.1\pm2.1\\ 1.1\pm1.0\\ 4.4\pm1.4\\ 2.5\pm1.5\end{array}$	$\begin{array}{c} 18.3 \pm 3.5 \\ 17.6 \pm 4.2 \\ 19.7 \pm 4.2 \\ 14.6 \pm 4.0 \\ 17.0 \pm 4.8 \\ 22.1 \pm 4.4 \\ 25.8 \pm 4.5 \\ 15.9 \pm 4.3 \\ 24.4 \pm 5.3 \\ 25.3 \pm 4.2 \\ 17.7 \pm 4.2 \end{array}$
PLR JANUARY -2004 PLR FEBRUARY -2004 PLR MARCH -2004 PLR APRIL -2004 PLR MAY -2004 PLR JUNE -2004 PLR JULY -2004 PLR JULY -2004 PLR AUGUST -2004 PLR SEPTEMBER-2004 PLR OCTOBER -2004	$\begin{array}{c} 2.4\pm1.3\\ 3.3\pm1.6\\ 7.2\pm1.7\\ 1.7\pm1.6\\ 0.4\pm1.9\\ 3.6\pm1.7\\ 0.0\pm1.9\\ 4.1\pm2.1\\ 1.1\pm1.0\\ 4.4\pm1.4 \end{array}$	$\begin{array}{c} 18.3 \pm 3.5 \\ 17.6 \pm 4.2 \\ 19.7 \pm 4.2 \\ 14.6 \pm 4.0 \\ 17.0 \pm 4.8 \\ 22.1 \pm 4.4 \\ 25.8 \pm 4.5 \\ 15.9 \pm 4.3 \\ 24.4 \pm 5.3 \\ 25.3 \pm 4.2 \end{array}$
PLR JANUARY -2004 PLR FEBRUARY -2004 PLR MARCH -2004 PLR APRIL -2004 PLR JUNE -2004 PLR JULY -2004 PLR JULY -2004 PLR SEPTEMBER-2004 PLR PLR OCTOBER -2004 PLR NOVEMBER -2004	$\begin{array}{c} 2.4\pm1.3\\ 3.3\pm1.6\\ 7.2\pm1.7\\ 1.7\pm1.6\\ 0.4\pm1.9\\ 3.6\pm1.7\\ 0.0\pm1.9\\ 4.1\pm2.1\\ 1.1\pm1.0\\ 4.4\pm1.4\\ 2.5\pm1.5\end{array}$	$\begin{array}{c} 18.3 \pm 3.5 \\ 17.6 \pm 4.2 \\ 19.7 \pm 4.2 \\ 14.6 \pm 4.0 \\ 17.0 \pm 4.8 \\ 22.1 \pm 4.4 \\ 25.8 \pm 4.5 \\ 15.9 \pm 4.3 \\ 24.4 \pm 5.3 \\ 25.3 \pm 4.2 \\ 17.7 \pm 4.2 \end{array}$

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

Units in picocuries/liter (pCi/L)

POINT LOMA WASTEWATER TREATMENT PLANT SEWAGE ANNUAL - Chlorinated Pesticide Analysis

From 01-JAN-2004 to 31-DEC-2004

			PLE JAN	PLE FEB	PLE MAR	PLE APR	PLE MAY	PLE JUN	PLE JUL	PLE AUG	PLE SEP	PLE OCT	PLE NOV	PLE DEC	PLE
Analyte	MDL	Units	Avq	Avq	Ava	Ava	Avq	Avq	Avq	Ava	Avq	Avq	Avq		Average
	====	=====	=====	. 5	. 5	=====	. 5	=====	=====	=====	. 5	. 5	=====	5	=====
Aldrin	60	NG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dieldrin	50	NG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BHC, Alpha isomer	20	NG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BHC, Beta isomer	20	NG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BHC, Gamma isomer	10	NG/L	ND	ND	<10	<10	<10	ND	22	<10	<10	<10	<10	<10	2
BHC, Delta isomer	20	NG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
p,p-DDD	20	NG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
p,p-DDE	20	NG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
p,p-DDT	50	NG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
o,p-DDD	20	NG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
o,p-DDE	100	NG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
o,p-DDT	20	NG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor	20	NG/L	ND	ND	ND	ND	ND	ND	<20	ND	ND	ND	ND	ND	0
Heptachlor epoxide	20	NG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha (cis) Chlordane	30	NG/L	ND	ND	ND	ND	ND	ND	31	ND	ND	ND	ND	ND	3
Gamma (trans) Chlordane	80	NG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha Chlordene		NG/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gamma Chlordene		NG/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Oxychlordane	20	NG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans Nonachlor	20	NG/L	ND	ND	ND	ND	ND	ND	<20	ND	ND	ND	ND	ND	0
Cis Nonachlor	20	NG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha Endosulfan	30	NG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Beta Endosulfan	20	NG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan Sulfate	20	NG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin	50	NG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin aldehyde	20	NG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Mirex	20	NG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methoxychlor	60	NG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toxaphene		NG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB 1016		NG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB 1221		NG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB 1232		NG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB 1242		NG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB 1248		NG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB 1254		- 1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB 1260		NG/L	ND	ND	ND	ND	ND	ND	ND ND	ND	ND	ND	ND	ND	ND ND
PCB 1262	2000	NG/L =====	ND =====	ND =====	ND	ND =====									
Aldrin + Dieldrin	60	NG/L	0	0	0	0	0	0	0	0	0	0	0	0	0
Hexachlorocyclohexanes	20	NG/L NG/L	0	0	0	0	0	0	22	0	0	0	0	0	2
DDT and derivatives	100	NG/L	0	0	0	0	0	0	22	0	0	0	0	0	0
Chlordane + related cmpds.		NG/L	0	0	0	0	0	0	31	0	0	0	0	0	3
Polychlorinated biphenyls		NG/L	0	0	0	0	0	0	0	0	0	0	0	0	0
Endosulfans	30	NG/L	0	0	0	0	0	0	0	0	0	0	0	0	0
=======================================		NG/11 =====	=====	-	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
Heptachlors	20	NG/L	0	0	0	0	0	0	0	0	0	0	0	0	0
-		=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
Chlorinated Hydrocarbons	4000	NG/L	0	0	0	0	0	0	53	0	0	0	0	0	4

POINT LOMA WASTEWATER TREATMENT PLANT SEWAGE ANNUAL - Chlorinated Pesticide Analysis

From 01-JAN-2004 To 31-DEC-2004

			PLR JAN	PLR FEB	PLR MAR	PLR APR	PLR MAY	PLR JUN	PLR JUL	PLR AUG	PLR SEP	PLR OCT	PLR NOV	PLR DEC	PLR
Analyte	MDL	Units	Avq		Average										
	====	=====	=====	5	5	=====	5	=====	=====	=====	5	5	=====		=====
Aldrin	60	NG/L	ND	ND											
Dieldrin	50	NG/L	ND	ND											
BHC, Alpha isomer	20	NG/L	ND	ND											
BHC, Beta isomer	20	NG/L	ND	ND											
BHC, Gamma isomer	10	NG/L	<10	<10	26	12	25	19	43	24	14	20	32	24	20
BHC, Delta isomer	20	NG/L	ND	ND											
p,p-DDD	20	NG/L	ND	ND											
p,p-DDE	20	NG/L	ND	<20	0										
p,p-DDT	50	NG/L	ND	ND											
o,p-DDD	20	NG/L	ND	ND											
o,p-DDE	100	NG/L	ND	ND											
o,p-DDT	20	NG/L	ND	ND											
Heptachlor	20	NG/L	ND	ND	ND	ND	ND	ND	43	ND	<20	ND	ND	ND	4
Heptachlor epoxide	20	NG/L	ND	ND											
Alpha (cis) Chlordane	30	NG/L	ND	ND	ND	ND	ND	ND	<30	ND	< 30	ND	ND	ND	0
Gamma (trans) Chlordane	80	NG/L	ND	ND											
Alpha Chlordene		NG/L	NA	NA											
Gamma Chlordene		NG/L	NA	NA											
Oxychlordane	20	NG/L	ND	ND											
Trans Nonachlor	20	NG/L	ND	ND	ND	ND	ND	ND	<20	ND	ND	ND	ND	ND	0
Cis Nonachlor	20	NG/L	ND	ND											
Alpha Endosulfan	30	NG/L	ND	ND											
Beta Endosulfan	20	NG/L	ND	ND											
Endosulfan Sulfate	20	NG/L	ND	ND											
Endrin	50	NG/L	ND	ND											
Endrin aldehyde	20	NG/L	ND	ND											
Mirex	20	NG/L	ND	ND											
Methoxychlor	60	NG/L	ND	ND											
Toxaphene		NG/L	ND	ND											
PCB 1016	4000	NG/L	ND	ND											
PCB 1221	4000	NG/L	ND	ND											
PCB 1232	4000	NG/L	ND	ND											
PCB 1242		NG/L	ND	ND											
PCB 1248		NG/L	ND	ND											
PCB 1254		NG/L	ND	ND											
PCB 1260	2000	NG/L	ND	ND											
PCB 1262	2000	NG/L	ND	ND											
	====	=====	=====	=====	=====			=====	=====	=====	=====	=====	=====	=====	
Aldrin + Dieldrin	60	NG/L	0	0	0	0	0	0	0	0	0	0	0	0	0
Hexachlorocyclohexanes	20	NG/L	0	0	26	12	25	19	43	24	14	20	32	24	20
DDT and derivatives	100	NG/L	0	0	0	0	0	0	0	0	0	0	0	0	0
Chlordane + related cmpds.	80	NG/L	0	0	0	0	0	0	0	0	0	0	0	0	0
Polychlorinated biphenyls	4000	NG/L	0	0	0	0	0	0	0	0	0	0	0	0	0
Endosulfans	30	NG/L	0	0	0	0	0	0	0	0	0	0	0	0	0
	====	=====	=====		=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	
Heptachlors	20	NG/L	0	0	0	0	0	0	43	0	0	0	0	0	4
	====	=====	=====		=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	
Chlorinated Hydrocarbons	4000	NG/L	0	0	26	12	25	19	86	24	14	20	32	24	24

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

From 01-JAN-2004 To 31-DEC-2004

Sampling: LC,MC,BGB,RJ,SKB,HHD,NC Analysis: CW,TB,KD

			PLE 11-MAY-2004	PLE 05-0CT-2004	PLR 11-MAY-2004	PLR 05-0CT-2004	MBC_COMBCN
Analyte	MDL	Units	P253880	P271532	P253885	P271537	P253895
	===	=====					
Demeton O	.2	UG/L	ND	ND	ND	ND	ND
Demeton S	.08	UG/L	ND	ND	ND	ND	ND
Diazinon	.07	UG/L	0.1	ND	0.1	0.1	ND
Guthion	.15	UG/L	ND	ND	ND	ND	ND
Malathion	.07	UG/L	0.1	0.4	0.1	0.4	ND
Parathion	.06	UG/L	ND	ND	ND	ND	ND
	===	=====	==========				
Thiophosphorus Pesticides	.15	UG/L	0.1	0.4	0.1	0.4	0.0
Demeton -0, -S	.2	UG/L	0.0	0.0	0.0	0.0	0.0
	===	=====	==========			==========	=======
Total Organophosphorus Pesticides	.3	UG/L	0.2	0.4	0.2	0.6	0.0
	===	=====	===========				
Tetraethylpyrophosphate		UG/L	NA	NA	NA	NA	NA
Dichlorvos	.05	UG/L	ND	ND	ND	ND	ND
Dibrom	.2	UG/L	ND	ND	ND	ND	ND
Ethoprop	.04	UG/L	ND	ND	ND	ND	ND
Phorate	.04	UG/L	ND	ND	ND	ND	ND
Sulfotepp		UG/L	ND	ND	ND	ND	ND
Disulfoton	.08	UG/L	ND	ND	ND	ND	ND
Monocrotophos		UG/L	NA	NA	NA	NA	NA
Dimethoate		UG/L	ND	ND	ND	ND	ND
Ronnel	.06	UG/L	ND	ND	ND	ND	ND
Trichloronate		UG/L	ND	ND	ND	ND	ND
Merphos	.09	UG/L	ND	ND	ND	ND	ND
Dichlofenthion	.08	UG/L	ND	ND	ND	ND	ND
Tokuthion	.07	UG/L	ND	ND	ND	ND	ND
Stirophos	.08	UG/L	ND	ND	ND	ND	ND
Bolstar	.1	UG/L	ND	ND	ND	ND	ND
Fensulfothion	.15	UG/L	ND	ND	ND	ND	ND
EPN	.09	UG/L	ND	ND	ND	ND	ND
Coumaphos	.15	UG/L	ND	ND	ND	ND	ND
Mevinphos, e isomer		UG/L	ND	ND	ND	ND	ND
Mevinphos, z isomer	.3	UG/L	NA	ND	NA	ND	ND
Chlorpyrifos	.07	UG/L	ND	ND	ND	0.1	ND

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

From 01-JAN-2004 To 31-DEC-2004

Sampling: LC,MC,BGB,RJ,SKB,HHD,NC Analysis: CW,TB,KD

			MBC_COMBCN	MBC_NC_DSL	MBC_NC_DSL	MBC_NC_RSL	MBC_NC_RSL
					05-OCT-2004		05-OCT-2004
Analyte	MDL	Units	P271547	P253955	P271607	P253953	P271605
	===	=====					
Demeton O	.2	UG/L	ND	ND	ND	ND	ND
Demeton S		UG/L	ND	ND	ND	ND	ND
Diazinon		UG/L	ND	ND	ND	ND	ND
Guthion		UG/L	ND	ND	ND	ND	ND
Malathion		UG/L	ND	ND	ND	ND	ND
Parathion		UG/L	ND	ND	ND	ND	ND
Thiophosphorus Pesticides		===== UG/L	=======================================		=======================================	=======================================	0.0
Demeton -0, -S	.2	UG/L	0.0	0.0	0.0	0.0	0.0
	===	=====	===========	==========	==========		=========
Total Organophosphorus Pesticides		UG/L	0.0	0.0	0.0	0.0	0.0
Tetraethylpyrophosphate		UG/L	NA	NA	NA	NA	NA
Dichlorvos	.05	UG/L	ND	ND	ND	ND	ND
Dibrom	. 2	UG/L	ND	ND	ND	ND	ND
Ethoprop	.04	UG/L	ND	ND	ND	ND	ND
Phorate	.04	UG/L	ND	ND	ND	ND	ND
Sulfotepp	.04	UG/L	ND	ND	ND	ND	ND
Disulfoton	.08	UG/L	ND	ND	ND	ND	ND
Monocrotophos		UG/L	NA	NA	NA	NA	NA
Dimethoate	.06	UG/L	ND	ND	ND	ND	ND
Ronnel	.06	UG/L	ND	ND	ND	ND	ND
Trichloronate	.07	UG/L	ND	ND	ND	ND	ND
Merphos	.09	UG/L	ND	ND	ND	ND	ND
Dichlofenthion	.08	UG/L	ND	ND	ND	ND	ND
Tokuthion	.07	UG/L	ND	ND	ND	ND	ND
Stirophos	.08	UG/L	ND	ND	ND	ND	ND
Bolstar	.1	UG/L	ND	ND	ND	ND	ND
Fensulfothion	.15	UG/L	ND	ND	ND	ND	ND
EPN	.09	UG/L	ND	ND	ND	ND	ND
Coumaphos	.15	UG/L	ND	ND	ND	ND	ND
Mevinphos, e isomer	.05	UG/L	ND	ND	ND	ND	ND
Mevinphos, z isomer	.3	UG/L	ND	ND	ND	ND	ND
Chlorpyrifos	.07	UG/L	ND	ND	ND	ND	ND

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

From 01-JAN-2004 To 31-DEC-2004

Sampling: LC,MC,BGB,RJ,SKB,HHD,NC

Analysis: CW,TB,KD

			RAW COMP	RAW COMP	DIG COMP	DIG COMP
				05-OCT-2004		
Applato	MDT	Units	P253925	P271577	P253939	P271591
Analyte		=====	PZ539Z5	PZ/15//		
	===					======================================
Demeton O	.2	UG/L	ND	ND	ND	ND
Demeton S		UG/L	ND	ND	ND	ND
Diazinon	.07	/	3.3	ND	ND	ND
Guthion		UG/L	ND	ND	ND	ND
Malathion		UG/L	ND	ND	ND	ND
Parathion		UG/L	ND	ND	ND	ND
		=====		=======		
Thiophosphorus Pesticides		UG/L	0.0	0.0	0.0	0.0
Demeton -0, -S	.2	UG/L	0.0	0.0	0.0	0.0
		=====		=======		
Total Organophosphorus Pesticides		UG/L	13.3	8.9	10.9	7.4
Tetraethylpyrophosphate	===	===== UG/L	======================================	======================================	============== NA	=========== NA
Dichlorvos	05	UG/L UG/L	ND	ND	ND	ND
Dibrom	.05	UG/L UG/L	ND ND	ND	ND	ND ND
		UG/L UG/L	ND ND	ND	ND	
Ethoprop Phorate		UG/L UG/L	ND ND	ND	ND	ND ND
		UG/L UG/L		ND ND		
Sulfotepp		/	ND		ND	ND
Disulfoton	.08	UG/L	ND	ND	ND	ND
Monocrotophos	0.5	UG/L	NA	NA	NA	NA
Dimethoate		UG/L	ND	ND	ND	ND
Ronnel		UG/L	ND	ND	ND	ND
Trichloronate		UG/L	ND	ND	ND	ND
Merphos		UG/L	ND	ND	ND	ND
Dichlofenthion		UG/L	ND	ND	ND	ND
Tokuthion		UG/L	ND	ND	ND	ND
Stirophos		UG/L	ND	ND	ND	ND
Bolstar	.1	UG/L	ND	ND	ND	ND
Fensulfothion	.15	UG/L	ND	ND	ND	ND
EPN	.09	UG/L	ND	ND	ND	ND
Coumaphos	.15	UG/L	ND	ND	ND	ND
Mevinphos, e isomer	.05	UG/L	ND	ND	ND	ND
Mevinphos, z isomer	.3	UG/L	ND	ND	ND	ND
Chlorpyrifos	.07	UG/L	10.0	8.9	10.9	7.4

POINT LOMA WASTEWATER TREATMENT PLANT ANNUAL SEWAGE MONTHLY - Tributyl Tin analysis

From 01-JAN-2004 To 31-DEC-2004 Sampling: LC,JF,JM,KW,PG,BGB Analysis: JCM

		PLE												
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
Analyte MDL	L Units													Average
=======================================	= =====	=====	=====	=====	=====	====	====	====	====	====	=====	=====	====	=====
Dibutyl tin 2	UG/L	ND	ND											
Monobutyl Tin 6	UG/L	ND	ND											
Tributyl tin 2	UG/L	ND	ND											
		PLR JAN	PLR FEB	PLR MAR	PLR APR	PLR MAY	PLR JUN	PLR JUL	PLR AUG	PLR SEP	PLR OCT	PLR NOV	PLR DEC	
Analyte MDL	L Units													Average
	= =====	=====	=====	=====	=====	====	====	====	====	====	=====	=====	=====	=====
Dibutyl tin 2	UG/L	ND	ND											
Monobutyl Tin 6	UG/L	ND	ND											
Tributyl tin 2	UG/L	ND	ND											

POINT LOMA WASTEWATER TREATMENT PLANT SEWAGE ANNUAL - Acid Extractables

From 01-JAN-2004 to 31-DEC-2004 $\,$

			PLE JAN	PLE FEB	PLE MAR	PLE APR	PLE MAY	PLE JUN	PLE JUL	PLE AUG	PLE SEP	PLE OCT	PLE NOV	PLE DEC	
Analyte	MDL ====	Units	Avg =====	Avg =====	Avg =====	Avg =====	Avg =====	Avg =====	Avg =====	Avg =====	Avg =====	Avg =====	Avg =====	Avg	Average
2-chlorophenol		UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-dichlorophenol		UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-chloro-3-methylphenol	1.34	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,6-trichlorophenol		UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol		UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenol 2-nitrophenol		UG/L UG/L	17.4 ND	10.6 ND	12.4 ND	12.8 ND	14.0 ND	11.5 ND	10.6 ND	9.8 ND	9.2 ND	6.8 ND	10.4 ND	10.5 ND	11.3 ND
2,4-dimethylphenol		UG/L UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-dinitrophenol		UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-nitrophenol	3.17	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-methyl-4,6-dinitrophenol		UG/L =====	ND =====	ND =====	ND =====	ND =====	ND =====	ND =====	ND =====	ND =====	ND	ND =====	ND =====	ND =====	ND =====
Total Chlorinated Phenols		UG/L	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Non-Chlorinated Phenols	6.07	UG/L	17.4	10.6	12.4	12.8	14.0	11.5	10.6	9.8	9.2	6.8	10.4	10.5	11.3
		=====	=====			=====	=====		=====			=====	=====	=====	
Phenols	6.07	UG/L	17.4	10.6	12.4	12.8	14.0	11.5	10.6	9.8	9.2	6.8	10.4	10.5	11.3
Additional analytes determined;															
2 mothylphonol		===== UG/L	===== ND	===== ND	===== ND	===== ND	===== ND	===== ND	===== ND	===== ND	===== ND	===== ND	===== ND	===== ND	===== ND
2-methylphenol 3-methylphenol(4-MP is unresolved)		UG/L UG/L	ND	ND	ND ND	ND ND	ND	ND	ND	ND	ND	ND ND	ND ND	ND	ND
4-methylphenol(3-MP is unresolved)		/	48.5	33.3	34.0	40.6	35.9	27.7	24.2	22.2	19.6	16.1	30.4	31.0	30.3
2,4,5-trichlorophenol		UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
			PLR	PLR	PI'B	PT R	PLR	PLR	PLR	PI R	PLR	PT R	PT'B	PLR	
			PLR JAN	PLR FEB	PLR MAR	PLR APR	PLR MAY	PLR JUN	PLR JUL	PLR AUG	PLR SEP	PLR OCT	PLR NOV	PLR DEC	
Analyte	MDL	Units												DEC	Average
	====	=====	JAN Avg =====	FEB Avg =====	MAR Avg =====	APR Avg =====	MAY Avg =====	JUN Avg	JUL Avg =====	AUG Avg =====	SEP Avg =====	OCT Avg =====	NOV Avg	DEC Avg =====	=====
2-chlorophenol	==== 1.76	===== UG/L	JAN Avg ===== ND	FEB Avg ===== ND	MAR Avg ===== ND	APR Avg ===== ND	MAY Avg ===== ND	JUN Avg ===== ND	JUL Avg ===== ND	AUG Avg ===== ND	SEP Avg ===== ND	OCT Avg ===== ND	NOV Avg ===== ND	DEC Avg ===== ND	===== ND
2-chlorophenol 2,4-dichlorophenol	==== 1.76 1.95	UG/L UG/L	JAN Avg ===== ND ND	FEB Avg ===== ND ND	MAR Avg ==== ND ND	APR Avg ===== ND ND	MAY Avg ==== ND ND	JUN Avg ===== ND ND	JUL Avg ===== ND ND	AUG Avg ===== ND ND	SEP Avg ===== ND ND	OCT Avg ===== ND ND	NOV Avg ==== ND ND	DEC Avg ==== ND ND	===== ND ND
2-chlorophenol 2,4-dichlorophenol 4-chloro-3-methylphenol	==== 1.76 1.95 1.34	UG/L UG/L UG/L UG/L	JAN Avg ===== ND	FEB Avg ===== ND	MAR Avg ===== ND	APR Avg ===== ND	MAY Avg ===== ND	JUN Avg ===== ND	JUL Avg ===== ND	AUG Avg ===== ND	SEP Avg ===== ND	OCT Avg ===== ND	NOV Avg ===== ND	DEC Avg ===== ND	===== ND
2-chlorophenol 2,4-dichlorophenol	==== 1.76 1.95 1.34 1.75	UG/L UG/L	JAN Avg ===== ND ND ND	FEB Avg ==== ND ND ND	MAR Avg ==== ND ND ND	APR Avg ===== ND ND ND	MAY Avg ===== ND ND ND	JUN Avg ==== ND ND ND	JUL Avg ===== ND ND ND	AUG Avg ===== ND ND ND	SEP Avg ===== ND ND ND	OCT Avg ===== ND ND ND	NOV Avg ===== ND ND ND	DEC Avg ==== ND ND ND	ND ND ND ND
2-chlorophenol 2,4-dichlorophenol 4-chloro-3-methylphenol 2,4,6-trichlorophenol Pentachlorophenol Phenol	==== 1.76 1.95 1.34 1.75 5.87 2.53	UG/L UG/L UG/L UG/L UG/L UG/L	JAN Avg ===== ND ND ND ND	FEB Avg ==== ND ND ND ND	MAR Avg ===== ND ND ND ND	APR Avg ===== ND ND ND ND	MAY Avg ===== ND ND ND ND	JUN Avg ===== ND ND ND ND	JUL Avg ===== ND ND ND ND	AUG Avg ===== ND ND ND ND	SEP Avg ===== ND ND ND ND	OCT Avg ===== ND ND ND ND	NOV Avg ==== ND ND ND ND	DEC Avg ===== ND ND ND ND	ND ND ND ND ND
2-chlorophenol 2,4-dichlorophenol 4-chloro-3-methylphenol 2,4,6-trichlorophenol Pentachlorophenol Phenol 2-nitrophenol	==== 1.76 1.95 1.34 1.75 5.87 2.53 1.88	UG/L UG/L UG/L UG/L UG/L UG/L UG/L	JAN Avg ===== ND ND ND ND 18.0 ND	FEB Avg ==== ND ND ND ND 12.9 ND	MAR Avg ==== ND ND ND ND 14.1 ND	APR Avg ==== ND ND ND ND 14.7 ND	MAY Avg ==== ND ND ND ND 17.1 ND	JUN Avg ==== ND ND ND ND 21.4 ND	JUL Avg ==== ND ND ND ND 19.6 ND	AUG Avg ==== ND ND ND ND 15.0 ND	SEP Avg ==== ND ND ND ND 15.6 ND	OCT Avg ==== ND ND ND ND 11.1 ND	NOV Avg ==== ND ND ND ND 15.0 ND	DEC Avg ==== ND ND ND ND 15.0 ND	===== ND ND ND ND 15.8 ND
2-chlorophenol 2,4-dichlorophenol 4-chloro-3-methylphenol 2,4,6-trichlorophenol Phenol 2-nitrophenol 2,4-dimethylphenol	==== 1.76 1.95 1.34 1.75 5.87 2.53 1.88 1.32	UG/L UG/L UG/L UG/L UG/L UG/L UG/L UG/L	JAN Avg ==== ND ND ND ND ND 18.0 ND	FEB Avg ==== ND ND ND ND 12.9 ND ND	MAR Avg ==== ND ND ND ND 14.1 ND ND	APR Avg ==== ND ND ND ND 14.7 ND ND	MAY Avg ===== ND ND ND ND 17.1 ND ND	JUN Avg ===== ND ND ND ND 21.4 ND ND	JUL Avg ==== ND ND ND ND 19.6 ND	AUG Avg ==== ND ND ND ND 15.0 ND	SEP Avg ==== ND ND ND ND 15.6 ND	OCT Avg ==== ND ND ND ND 11.1 ND ND	NOV Avg ===== ND ND ND ND 15.0 ND ND	DEC Avg ==== ND ND ND ND 15.0 ND	===== ND ND ND ND 15.8 ND ND
2-chlorophenol 2,4-dichlorophenol 4-chloro-3-methylphenol 2,4,6-trichlorophenol Pentachlorophenol Phenol 2-nitrophenol 2,4-dimethylphenol 2,4-dinitrophenol	==== 1.76 1.95 1.34 1.75 5.87 2.53 1.88 1.32 6.07	UG/L UG/L UG/L UG/L UG/L UG/L UG/L UG/L	JAN Avg ===== ND ND ND ND 18.0 ND ND	FEB Avg ==== ND ND ND ND 12.9 ND ND ND	MAR Avg ==== ND ND ND ND 14.1 ND ND ND	APR Avg ==== ND ND ND ND 14.7 ND ND ND	MAY Avg ===== ND ND ND ND 17.1 ND ND ND	JUN Avg ===== ND ND ND ND 21.4 ND ND ND	JUL Avg ==== ND ND ND ND 19.6 ND ND	AUG Avg ==== ND ND ND ND 15.0 ND ND ND	SEP Avg ==== ND ND ND ND 15.6 ND ND ND	OCT Avg ==== ND ND ND ND 11.1 ND ND ND ND	NOV Avg ===== ND ND ND ND 15.0 ND ND ND	DEC Avg ==== ND ND ND ND 15.0 ND ND ND	===== ND ND ND ND 15.8 ND ND ND
2-chlorophenol 2,4-dichlorophenol 4-chloro-3-methylphenol 2,4,6-trichlorophenol Pentachlorophenol Phenol 2-nitrophenol 2,4-dimethylphenol 2,4-dimitrophenol 4-nitrophenol	==== 1.76 1.95 1.34 1.75 5.87 2.53 1.88 1.32 6.07 3.17	===== UG/L UG/L UG/L UG/L UG/L UG/L UG/L UG/L	JAN Avg ===== ND ND ND ND 18.0 ND ND ND	FEB Avg ==== ND ND ND ND 12.9 ND ND	MAR Avg ==== ND ND ND ND 14.1 ND ND	APR Avg ==== ND ND ND ND 14.7 ND ND	MAY Avg ===== ND ND ND 17.1 ND ND ND ND ND	JUN Avg ===== ND ND ND ND 21.4 ND ND	JUL Avg ==== ND ND ND ND 19.6 ND	AUG Avg ==== ND ND ND ND 15.0 ND	SEP Avg ===== ND ND ND 15.6 ND ND ND ND	OCT Avg ==== ND ND ND ND 11.1 ND ND	NOV Avg ===== ND ND ND ND 15.0 ND ND	DEC Avg ==== ND ND ND ND 15.0 ND	===== ND ND ND 15.8 ND ND ND ND
2-chlorophenol 2,4-dichlorophenol 4-chloro-3-methylphenol 2,4,6-trichlorophenol Pentachlorophenol Phenol 2-nitrophenol 2,4-dimethylphenol 2,4-dinitrophenol	==== 1.76 1.95 1.34 1.75 5.87 2.53 1.88 1.32 6.07 3.17 4.29	UG/L UG/L UG/L UG/L UG/L UG/L UG/L UG/L	JAN Avg ===== ND ND ND ND 18.0 ND ND	FEB Avg ===== ND ND ND 12.9 ND ND ND ND ND	MAR Avg ===== ND ND ND ND 14.1 ND ND ND ND	APR Avg ===== ND ND ND ND 14.7 ND ND ND ND	MAY Avg ===== ND ND ND ND 17.1 ND ND ND	JUN Avg ===== ND ND ND 21.4 ND ND ND ND ND	JUL Avg ===== ND ND ND 19.6 ND ND ND ND	AUG Avg ===== ND ND ND 15.0 ND 15.0 ND ND	SEP Avg ==== ND ND ND ND 15.6 ND ND ND	OCT Avg ===== ND ND ND 11.1 ND ND ND ND	NOV Avg ===== ND ND ND 15.0 ND ND ND ND ND	DEC Avg ===== ND ND ND ND 15.0 ND ND ND ND	===== ND ND ND ND 15.8 ND ND ND
2-chlorophenol 2,4-dichlorophenol 4-chloro-3-methylphenol 2,4,6-trichlorophenol Phenol 2-nitrophenol 2,4-dimethylphenol 2,4-dimitrophenol 4-nitrophenol 2-methyl-4,6-dinitrophenol	==== 1.76 1.95 1.34 1.75 5.87 2.53 1.88 1.32 6.07 3.17 4.29 ==== 5.87	===== UG/L UG/L UG/L UG/L UG/L UG/L UG/L UG/L	JAN Avg ===== ND ND ND ND ND ND ND ND ND ND ===== 0.0	FEB Avg ND ND ND 12.9 ND ND ND ND ND ND ND	MAR Avg ===== ND ND ND 14.1 ND ND ND ND ND	APR Avg ===== ND ND ND ND 14.7 ND ND ND ND ND ND ND 0.0	MAY Avg ND ND ND ND 17.1 ND ND ND ND ND ND ND	JUN Avg ND ND ND ND 21.4 ND ND ND ND ND ND ND	JUL Avg ===== ND ND ND 19.6 ND ND ND ND ND ND ND ND	AUG Avg ===== ND ND ND ND 15.0 ND ND ND ND ND ND ND ND ND	SEP Avg ===== ND ND ND 15.6 ND ND ND ND ND ND ND	OCT Avg ===== ND ND ND 11.1 ND ND ND ND ND	NOV Avg ===== ND ND ND 15.0 ND ND ND ND ND ND	DEC Avg ===== ND ND ND 15.0 ND ND ND ND ND	===== ND ND ND ND 15.8 ND ND ND ND ND
2-chlorophenol 2,4-dichlorophenol 4-chloro-3-methylphenol 2,4,6-trichlorophenol Pentachlorophenol Phenol 2-nitrophenol 2,4-dimethylphenol 2,4-dimitrophenol 4-nitrophenol 2-methyl-4,6-dinitrophenol ====================================	$\begin{array}{c} ====\\ 1.76\\ 1.95\\ 1.34\\ 1.75\\ 5.87\\ 2.53\\ 1.88\\ 1.32\\ 6.07\\ 3.17\\ 4.29\\ ===\\ 5.87\\ 6.07 \end{array}$	===== UG/L UG/L UG/L UG/L UG/L UG/L UG/L UG/L	JAN Avg ==== ND ND ND 18.0 ND ND ND ND ND ND ND ND 18.0	FEB Avg ND ND ND 12.9 ND ND ND ND ND ND	MAR Avg ===== ND ND ND ND 14.1 ND ND ND ND ND	APR Avg ==== ND ND ND 14.7 ND ND ND ND ===== 0.0 14.7	MAY Avg ==== ND ND ND 17.1 ND ND ND ND ND ==== 0.0 17.1	JUN Avg ==== ND ND ND 21.4 ND ND ND ND ND ND ==== 0.0 21.4	JUL Avg ==== ND ND ND 19.6 ND ND ND ND ND ==== 0.0 19.6	AUG Avg ==== ND ND ND 15.0 ND ND ND ND ND S=== 0.0 15.0	SEP Avg ==== ND ND ND 15.6 ND ND ND ND ND ===== 0.0 15.6	OCT Avg ==== ND ND ND 11.1 ND ND ND ND ==== 0.0 11.1	NOV Avg ==== ND ND ND 15.0 ND ND ND ND ND ===== 0.0 15.0	DEC Avg ===== ND ND ND 15.0 ND ND ND ND ND	<pre>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>></pre>
2-chlorophenol 2,4-dichlorophenol 4-chloro-3-methylphenol 2,4,6-trichlorophenol Pentachlorophenol 2-nitrophenol 2,4-dimethylphenol 2,4-dimitrophenol 4-nitrophenol 2-methyl-4,6-dinitrophenol ====================================	==== 1.76 1.95 1.34 1.75 5.87 2.53 1.88 1.32 6.07 3.17 4.29 ==== 5.87 6.07 ====	===== UG/L UG/L UG/L UG/L UG/L UG/L UG/L UG/L	JAN Avg ===== ND ND ND ND ND ND ND ND ND ND ===== 0.0	FEB Avg ND ND ND 12.9 ND ND ND ND ND ND ND	MAR Avg ===== ND ND ND ND 14.1 ND ND ND ND ND ND SEE== 0.0	APR Avg ===== ND ND ND ND 14.7 ND ND ND ND ND ND ND 0.0	MAY Avg ND ND ND ND 17.1 ND ND ND ND ND ND ND	JUN Avg ND ND ND ND 21.4 ND ND ND ND ND ND ND	JUL Avg ===== ND ND ND 19.6 ND ND ND ND ND ND ND	AUG Avg ===== ND ND ND ND 15.0 ND ND ND ND ND ND ND ND ND	SEP Avg ===== ND ND ND 15.6 ND ND ND ND ND ND ND	OCT Avg ===== ND ND ND ND 11.1 ND ND ND ND ND ND SEE== 0.0	NOV Avg ===== ND ND ND ND 15.0 ND ND ND ND ND ND ND ND	DEC Avg ===== ND ND ND 15.0 ND ND ND ND ND ND ND	===== ND ND ND ND 15.8 ND ND ND ND ND ND ===== 0.0
2-chlorophenol 2,4-dichlorophenol 4-chloro-3-methylphenol 2,4,6-trichlorophenol Phenol 2-nitrophenol 2,4-dimethylphenol 2,4-dimitrophenol 4-nitrophenol 2-methyl-4,6-dinitrophenol ====================================	$\begin{array}{c} ====\\ 1.76\\ 1.95\\ 1.34\\ 1.75\\ 5.87\\ 2.53\\ 1.88\\ 1.32\\ 6.07\\ 3.17\\ 4.29\\ ===\\ 5.87\\ 6.07\\ ===\\ 6.07\\ \end{array}$	UG/L UG/L UG/L UG/L UG/L UG/L UG/L UG/L	JAN Avg ==== ND ND ND 18.0 ND 18.0 ND ND ND ND ND ND ND ND ND 18.0 ND	FEB Avg ==== ND ND ND ND ND ND ND ND ND ND 12.9 	MAR Avg ND ND ND 14.1 ND ND ND ND ND ND ND 14.1 	APR Avg ==== ND ND ND ND ND ND ND ND ND ND ND 14.7 (0.0 14.7 ==== 14.7	MAY Avg ==== ND ND ND ND ND ND ND ND ND ND 17.1 	JUN Avg =	JUL Avg ===== ND ND ND 19.6 ND ND ND ND ND ND ND 19.6 =====	AUG Avg 	SEP Avg ===== ND ND ND 15.6 ND ND ND ND ND S==== 0.0 15.6 ====	OCT Avg ==	NOV Avg ND ND ND 15.0 ND ND ND ND ND ND ND ND ND 0.0 15.0	DEC Avg ND ND ND 15.0 ND ND ND ND ND ND 0.0 15.0	===== ND ND ND ND ND ND ND ND ND ===== 0.0 15.8
2-chlorophenol 2,4-dichlorophenol 4-chloro-3-methylphenol 2,4,6-trichlorophenol Phenol 2-nitrophenol 2,4-dimethylphenol 2,4-dimitrophenol 4-nitrophenol 2-methyl-4,6-dinitrophenol 	==== 1.76 1.95 1.34 1.75 5.87 2.53 1.88 1.32 6.07 3.17 4.29 ==== 5.87 6.07 ==== 6.07	UG/L UG/L UG/L UG/L UG/L UG/L UG/L UG/L	JAN Avg ==== ND ND ND ND ND ND ND ND ND ===== 18.0	FEB Avg ND ND ND 12.9 ND ND ND ND ND ND 2.9 ND ND ND	MAR Avg ==== ND ND ND ND ND ND ND ND ND ND ND 14.1 0.0 14.1 14.1	APR Avg ND ND ND 14.7 ND ND ND ND ND ND ND ND ND ND ND ND ND	MAY Avg ND ND ND 17.1 ND ND ND ND ND ND 17.1 ND ND 17.1 ND ND	JUN Avg ==== ND ND ND ND ND ND ND ND ND ND ND 21.4 21.4 21.4	JUL Avg ==== ND ND ND 19.6 ND ND ND ND ND ND 19.6 19.6	AUG Avg ==== ND ND ND ND ND ND ND ND ND ND 15.0 15.0	SEP Avg ==== ND ND ND 15.6 ND ND ND ND ND 0.0 15.6 15.6	OCT Avg ==== ND ND ND ND ND ND ND ND ND ND 11.1 0.0 11.1 11.1	NOV Avg ==== ND ND ND ND ND ND ND ND ND ===== 0.0 15.0	DEC Avg ND ND ND 15.0 ND ND ND ND ND ND ND ND 15.0 15.0	<pre>ND ND ND ND 15.8 ND ND ND ND ND ND ND 15.8 15.8</pre>
2-chlorophenol 2,4-dichlorophenol 4-chloro-3-methylphenol 2,4,6-trichlorophenol Phenol 2-nitrophenol 2,4-dimethylphenol 2,4-dimitrophenol 4-nitrophenol 2-methyl-4,6-dinitrophenol ====================================	==== 1.76 1.95 1.34 1.75 5.87 2.53 1.88 1.32 6.07 3.17 4.29 ==== 5.87 6.07 ==== 6.07 ==== 1.51	UG/L UG/L UG/L UG/L UG/L UG/L UG/L UG/L	JAN Avg ==== ND ND ND 18.0 ND ND ND ND ND ND ND ===== 18.0	FEB Avg ===== ND ND ND 12.9 ND ND ND ND ND ND 12.9 ===== 0.0 12.9	MAR Avg ND ND ND 14.1 ND ND ND ND ND ND 14.1 ===== 14.1	APR Avg ===== ND ND ND 14.7 ND ND ND ND ND ND 14.7 ===== 14.7	MAY Avg ==== ND ND ND ND 17.1 ND ND ND ND ND ND ND 17.1 ===== 17.1	JUN Avg ===== ND ND ND ND ND ND ND ND ND ND 21.4 ===== 0.0 21.4 =21.4	JUL Avg ===== ND ND ND 19.6 ND ND ND ND 19.6 ===== 19.6	AUG Avg ===== ND ND ND 15.0 ND ND ND ND ND 0.0 15.0 ===== 15.0	SEP Avg ND ND ND 15.6 ND ND ND ND 15.6 ===== 15.6	OCT Avg ===== ND ND ND 11.1 ND ND ND ND ND ===== 0.0 11.1 ===== 11.1	NOV Avg ==== ND ND ND 15.0 ND ND ND ND ND 0.0 15.0 ===== 15.0	DEC Avg ND ND ND 15.0 ND ND ND ND ND ND 15.0 15.0 15.0	ND ND ND ND 15.8 ND ND ND ND ND 15.8 ==== 15.8
2-chlorophenol 2,4-dichlorophenol 4-chloro-3-methylphenol 2,4,6-trichlorophenol Phenol 2-nitrophenol 2,4-dimethylphenol 2,4-dimitrophenol 4-nitrophenol 2-methyl-4,6-dinitrophenol ====================================	==== 1.76 1.95 1.34 1.75 5.87 2.53 1.88 1.32 6.07 3.17 4.29 ==== 5.87 6.07 ==== 6.07	UG/L UG/L UG/L UG/L UG/L UG/L UG/L UG/L	JAN Avg ==== ND ND ND 18.0 ND ND ND ND ND ND ND 18.0 ===== 18.0	FEB Avg ===== ND ND ND 12.9 ND ND ND ND ND 12.9 ===== 12.9	MAR Avg ===== ND ND ND 14.1 ND ND ND ND ND ND 14.1 ===== 14.1	APR Avg ===== ND ND ND ND 14.7 ND ND ND ND ND ===== 14.7	MAY Avg ND ND ND 17.1 ND ND ND ND ND ND 17.1 	JUN Avg ===== ND ND ND ND 21.4 ND ND ND ND ND 21.4 ===== 21.4	JUL Avg ===== ND ND ND 19.6 ND ND ND ND 0.0 19.6 ===== 19.6	AUG Avg ===== ND ND ND 15.0 ND ND ND ND ND 0.0 15.0 ===== 15.0	SEP Avg ===== ND ND ND 15.6 ND ND ND 0.0 15.6 ===== 15.6	OCT Avg ===== ND ND ND 11.1 ND ND ND ND ND 0.0 11.1 ===== 11.1	NOV Avg ===== ND ND ND 15.0 ND ND ND ND ND 0.0 15.0 ===== 15.0	DEC Avg ND ND ND 15.0 ND ND ND ND ND 0.0 15.0 ===== 15.0	<pre>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>></pre>
2-chlorophenol 2,4-dichlorophenol 4-chloro-3-methylphenol 2,4,6-trichlorophenol Pentachlorophenol Phenol 2-nitrophenol 2,4-dimethylphenol 2,4-dimitrophenol 4-nitrophenol 2-methyl-4,6-dinitrophenol ====================================	$\begin{array}{c} ====\\ 1.76\\ 1.95\\ 1.34\\ 1.75\\ 5.87\\ 2.53\\ 1.32\\ 6.07\\ 3.17\\ 4.29\\ ====\\ 5.87\\ 6.07\\ ===\\ 6.07\\ \end{array}$	UG/L UG/L UG/L UG/L UG/L UG/L UG/L UG/L	JAN Avg ==== ND ND ND ND ND ND ND ND ND ND ===== 18.0	FEB Avg ==== ND ND ND ND ND ND ND ND 12.9 ND ND 12.9 ===== 12.9	MAR Avg ==== ND ND ND ND ND ND ND ND ND ND 14.1 	APR Avg ==== ND ND ND ND ND ND ND ND ND ND 14.7 .7 	MAY Avg ==== ND ND ND ND ND ND ND ND 17.1 0.0 17.1 ===== 17.1	JUN Avg ==== ND ND ND ND ND ND ND ND ND 21.4 ND ND 21.4 ==== 21.4	JUL Avg ==== ND ND ND ND ND ND ND ND 19.6 19.6 19.6 ==== 19.6	AUG Avg ==== ND ND ND ND ND ND ND ND 15.0 15.0 15.0 ===== 15.0	SEP Avg ==== ND ND ND ND ND ND ND 0.0 15.6 15.6 ===== 15.6	OCT Avg ==== ND ND ND ND ND ND ND ND 11.1 ND ND ===== 11.1	NOV Avg ==== ND ND ND ND ND ND ND ND 15.0 15.0 ===== 15.0	DEC Avg ==== ND ND ND ND ND ND ND ND 15.0 15.0 ===== 15.0	===== ND ND ND ND 15.8 ND ND ND ND ===== 0.0 15.8 ===== 15.8

POINT LOMA WASTEWATER TREATMENT PLANT SEWAGE ANNUAL Priority Pollutants Base/Neutrals

From 01-JAN-2004 to 31-DEC-2004

Analyte	MDL	Units	PLE JAN Avg	PLE FEB Avg	PLE MAR Avg	PLE APR Avg	PLE MAY Avg	PLE JUN Avg	PLE JUL Avg	PLE AUG Avg	PLE SEP Avg	PLE OCT Avg	PLE NOV Avg	PLE DEC Avg	PLE Average
	=====		=====	-	=====	=====	=====	=====	=====	-	=====	=====	=====	=====	=====
bis(2-chloroethyl) ether	2.62	UG/L	ND	ND											
1,3-dichlorobenzene	1.65	UG/L	ND	ND											
1,2-dichlorobenzene	1.63	UG/L	ND	ND											
1,4-dichlorobenzene Bis-(2-chloroisopropyl) ether	2.3 8.95	UG/L UG/L	<2.3 ND	2.4 ND	<2.3 ND	3.0 ND	<2.3 ND	<2.3 ND	<2.3 ND	3.8 ND	<2.3 ND	3.0 ND	3.2 ND	<2.3 ND	1.3 ND
N-nitrosodi-n-propylamine	1.63	UG/L	ND	ND											
Nitrobenzene	1.52	UG/L	ND	ND											
Hexachloroethane	3.55	UG/L	ND	ND											
Isophorone	1.93	UG/L	ND	ND											
bis(2-chloroethoxy)methane	1.57 1.44	UG/L UG/L	ND ND	ND ND											
1,2,4-trichlorobenzene Naphthalene	1.44 1.52	UG/L UG/L	ND	ND ND	ND ND	ND	ND ND	ND ND	ND ND	ND ND	ND	ND ND	1.9	ND	0.2
Hexachlorobutadiene	2.87	UG/L	ND	ND											
Hexachlorocyclopentadiene		UG/L	ND	ND											
Acenaphthylene	2.02	UG/L	ND	ND											
Dimethyl phthalate	3.26	UG/L	ND	ND											
2,6-dinitrotoluene	1.93	UG/L	ND	ND											
Acenaphthene 2,4-dinitrotoluene	2.2 1.49	UG/L UG/L	ND ND	ND ND											
Fluorene	2.43	UG/L UG/L	ND	ND											
4-chlorophenyl phenyl ether	3.62	UG/L	ND	ND											
Diethyl phthalate	6.97	UG/L	ND	7.7	<7.0	ND	ND	ND	0.6						
N-nitrosodiphenylamine	2.96	UG/L	ND	ND											
4-bromophenyl phenyl ether	4.04	UG/L	ND	ND											
Hexachlorobenzene Phenanthrene	4.8 4.15	UG/L UG/L	ND ND	ND ND											
Anthracene	4.04	UG/L UG/L	ND	ND											
Di-n-butyl phthalate	6.49	UG/L	ND	ND											
N-nitrosodimethylamine	2.01	UG/L	ND	ND											
Fluoranthene	6.9	UG/L	ND	ND											
Pyrene	5.19	UG/L	ND	ND											
Benzidine Butyl benzyl phthalate	1.02 4.77	UG/L UG/L	ND ND	ND ND											
Chrysene	7.49	UG/L UG/L	ND	ND											
Benzo[A]anthracene	7.68	UG/L	ND	ND											
Bis-(2-ethylhexyl) phthalate	10.43	UG/L	ND	14.0	ND	ND	1.2								
Di-n-octyl phthalate	8.59	UG/L	ND	ND											
3,3-dichlorobenzidine	2.43	UG/L	ND	ND											
Benzo[K]fluoranthene 3,4-benzo(B)fluoranthene	7.36 6.63	UG/L UG/L	ND ND	ND ND											
Benzo[A]pyrene	6.53	UG/L UG/L	ND	ND											
Indeno(1,2,3-CD)pyrene	6.27	UG/L	ND	ND											
Dibenzo(A,H)anthracene	6.19	UG/L	ND	ND											
Benzo[G,H,I]perylene	6.5	UG/L	ND	ND											
1,2-diphenylhydrazine	2.49	UG/L	ND	ND											
Total Dichlorobenzenes	===== 1.65	===== UG/L	===== 0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Polynuc. Aromatic Hydrocarbons		UG/L UG/L	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
								=====							=====
Base/Neutral Compounds	10.43	UG/L	0.0	2.4	0.0	3.0	0.0	0.0	0.0	11.5	0.0	17.0	5.1	0.0	3.3
Additional analytes determined	;														
		=====													
1-methylnaphthalene	2.18	UG/L	ND	2.8	ND	0.2									
2-methylnaphthalene	2.25	UG/L	ND	3.9	ND	0.3									
2,6-dimethylnaphthalene	3.31	UG/L	ND	ND											
2,3,5-trimethylnaphthalene 1-methylphenanthrene	4.4 6.29	UG/L UG/L	ND ND	ND ND											
Benzo[e]pyrene	7.67	UG/L UG/L	ND	ND											
Perylene	6.61	UG/L	ND	ND											
Biphenyl	2.43	UG/L	ND	ND											

POINT LOMA WASTEWATER TREATMENT PLANT SEWAGE ANNUAL Priority Pollutants Base/Neutrals

From 01-JAN-2004 to 31-DEC-2004

Analyte MDL Units Avg A
bis(2-chloroethyl) ether2.62UG/LND
1,2-dichlorobenzene1.63UG/LND
1,4-dichlorobenzene2.3UG/L<2.33.23.33.9<2.3<2.3<2.33.73.23.13.0<2.32.0Bis-(2-chloroisopropyl) ether 8.95 UG/LND
Bis-(2-chloroisopropyl) ether8.95UG/LND<
N-nitrosodi-n-proylamine1.63UG/LND
Nitrobenzene1.52UG/LND
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$
Naphthalene 1.52 UG/L ND
Hexachlorobutadiene2.87UG/LND
Hexachlorocyclopentadiene UG/L ND ND <t< td=""></t<>
Acenaphtylene 2.02 UG/L ND
Dimethyl phthalate 3.26 UG/L ND ND<
2,6-dinitrotoluene 1.93 UG/L ND
2.4-dinitrotoluene 1.49 UG/L ND
Fluorene 2.43 UG/L ND
4-chlorophenyl phenyl ether 3.62 UG/L ND
Diethyl phthalate 6.97 UG/L ND
4-bromophenyl phenyl ether 4.04 UG/L ND
Hexachlorobenzene 4.8 UG/L ND
Phenanthrene 4.15 UG/L ND
Anthracene 4.04 UG/L ND
Di-n-butyl phthalate 6.49 UG/L ND
N-nitrosodimethylamine 2.01 UG/L ND
Fluoranthene 6.9 UG/L ND
Benzidine J.02 UG/L ND
Butyl benzyl phthalate 4.77 UG/L ND
Chrysene 7.49 UG/L ND
Benzo[A]anthracene 7.68 UG/L ND
Bis-(2-ethylhexyl) phthalate 10.43 UG/L ND 19.3 53.1 23.7 45.2 13.4 18.0 23.3 19.4 35.1 10.7 12.0 22.8
Di-n-octyl phthalate 8.59 UG/L ND
3,3-dichlorobenzidine 2.43 UG/L ND
3,4-benzo(B)fluoranthene 6.63 UG/L ND
Benzo[A]pyrene 6.53 UG/L ND
Indeno(1,2,3-CD)pyrene 6.27 UG/L ND
Dibenzo(A,H)anthracene 6.19 UG/L ND
Benzo[G,H,I]perylene 6.5 UG/L ND
1,2-diphenylhydrazine 2.49 UG/L ND
Total Dichlorobenzenes 1.65 UG/L 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.
Polynuc. Aromatic Hydrocarbons 7.68 UG/L 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.
Base/Neutral Compounds 10.43 UG/L 0.0 22.5 56.4 27.6 45.2 13.4 18.0 27.0 22.6 38.2 15.8 12.0 24.9
Additional analytes determined;
1-methylnaphthalene 2.18 UG/L ND 3.9 ND 0.3
2-methylnaphthalene 2.25 UG/L ND ND ND ND 3.1 ND ND ND ND 5.7 ND 0.7
2,6-dimethylnaphthalene 3.31 UG/L ND 3.7 ND 0.3
2,3,5-trimethylnaphthalene 4.4 UG/L ND
1-methylphenanthrene 6.29 UG/L ND
Benzo[e]pyrene 7.67 UG/L ND <
Biphenyl 2.43 UG/L ND

POINT LOMA WASTEWATER TREATMENT PLANT SEWAGE ANNUAL Priority Pollutants Purgeables

From 01-JAN-2004 to 31-DEC-2004

			PLE	PLE	PLE	PLE	PLE	PLE	PLE	PLE	PLE	PLE	PLE	PLE	PLE
Analyte	MDL	Units	JAN Avq	FEB Avq	MAR Avq	APR Avq	MAY Avq	JUN Avq	JUL Avq	AUG Avq	SEP Avq	OCT Avq	NOV Avq	DEC	Average
Analyte		=====	. 5	AV9	Avg	AV9		AV9	AV9	AV9	AV9	AV9	AV9	Avg	average
Chloromethane	1	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	1	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	1	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	1	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-dichloroethene	1	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	1	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	1	UG/L	2.8	ND	4.3	2.5	4.2	3.8	ND	3.1	2.2	4.4	2.3	1.6	2.6
1,1-dichloroethane	1	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-dichloroethene	1	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	1	UG/L	5.8	6.1	7.5	5.7	5.9	5.9	6.8	6.8	5.9	5.6	7.7	7.5	6.4
1,2-dichloroethane	1	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-trichloroethane	1	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	1	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	1	UG/L	ND	2.6	1.5	<1.0	ND	1.8	<1.0	1.4	ND	ND	ND	1.4	0.7
1,2-dichloropropane	1	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,3-dichloropropene	1	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	1	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	1	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	1	UG/L	ND	2.8	1.2	ND	ND	1.5	ND	1.2	ND	ND	ND	1.3	0.7
1,1,2-trichloroethane	1	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-dichloropropene	1	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-chloroethylvinyl ether	1	UG/L	ND	ND	ND	ND	*	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	1	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-tetrachloroethane	1	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	1	UG/L	ND	ND	ND	ND	ND	ND	3.2	<1.0	ND	ND	1.1	ND	0.4
Toluene	1	UG/L	2.5	3.3	2.1	1.2	1.8	1.4	ND	2.1	2.3	2.3	1.6	1.8	1.9
Chlorobenzene	1	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	1	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acrylonitrile	13.8	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acrolein	11.4	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
						=====		=====							
Halomethane Purgeable Cmpnds		UG/L	0.0	5.4	2.7	0.0	0.0	3.3	0.0	2.6	0.0	0.0	0.0	2.7	1.4
						=====		=====							=====
Purgeable Compounds	13.8	UG/L	11.1	14.8	16.6	16.3	21.1	20.6	10.0	31.1	18.6	20.3	25.0	19.9	18.8
Additional analytes determine															
Allyl chloride	1	UG/L	===== ND	ND	===== ND	===== ND	===== ND	===== ND	ND	===== ND	===== ND	===== ND	===== ND	===== ND	===== ND
4-methyl-2-pentanone	6.1	UG/L UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
meta,para xylenes	3.1	UG/L UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	4.7	UG/L UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-trichlorobenzene		UG/L UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl Iodide	1.11	UG/L UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroprene	1.4	UG/L UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl methacrylate	4.6	UG/L UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-nitropropane	10	UG/L UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-dibromoethane	3.3	UG/L UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	4.4	UG/L UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzyl chloride	7.2	UG/L UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ortho-xylene	3.4	UG/L UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	20	UG/L UG/L	479	591	793	1070	1080	1620	1310	626	1220	381	1950	2140	1105
Carbon disulfide	1	UG/L	2.1	1.3	1.6	ND	2.2	1.7	2.5	5.6	4.5	1.9	1.4	1.7	2.2
2-butanone	4	UG/L	2.1	ND	ND	6.9	9.2	6.2	ND	16.5	8.2	8.0	12.3	6.3	6.7
Methyl tert-butyl ether	1	UG/L	ND	1.2	ND	ND	ND	1.1	ND	ND	ND	ND	1.3	ND	0.3
	-		1.0		1.0	1.12	1.12		1.0	1.0	1.0	1.0	1.5	1.0	0.0

POINT LOMA WASTEWATER TREATMENT PLANT SEWAGE ANNUAL Priority Pollutants Purgeables

From 01-JAN-2004 to 31-DEC-2004

	MDT	TT	PLR JAN	PLR FEB	PLR MAR	PLR APR	PLR MAY	PLR JUN	PLR JUL	PLR AUG	PLR SEP	PLR OCT	PLR NOV	PLR DEC	PLR
Analyte	MDL ====	Units =====	Avg =====	Avg =====	Avg =====	Avg =====	Avg =====	Avg =====	Avg =====	Avg =====	Avg =====	Avg =====	Avg =====		Average =====
Chloromethane	1	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	1	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	1	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	1	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-dichloroethene	1	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	1	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	1	UG/L	2.3	ND	5.5	1.9	4.0	7.0	ND	3.0	2.1	2.6	1.9	1.5	2.7
1,1-dichloroethane trans-1,2-dichloroethene	1 1	UG/L 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 ND	ND ND
Chloroform	1	UG/L UG/L	8.5	7.9	8.6	6.3	4.0	8.2	7.4	8.8	5.4	5.8	7.9	8.1	7.2
1,2-dichloroethane	1	UG/L UG/L	ND	ND	ND	ND	ND	ND	ND	ND	J.I ND	ND	ND	ND	ND
1,1,1-trichloroethane	1	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	1	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	1	UG/L	ND	3.6	1.5	1.7	1.2	2.2	1.4	1.6	ND	ND	ND	1.2	1.2
1,2-dichloropropane	1	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,3-dichloropropene	1	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	1	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	1	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	1	UG/L	ND	3.2	1.2	1.2	ND	1.6	ND	1.1	ND	ND	ND	1.1	0.8
1,1,2-trichloroethane	1 1	UG/L 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 ND	ND ND
cis-1,3-dichloropropene 2-chloroethylvinyl ether	1	UG/L UG/L	ND	ND	ND	ND ND	ND *	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	1	UG/L UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-tetrachloroethane	1	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	1	UG/L	ND	ND	ND	ND	ND	ND	2.5	ND	ND	ND	1.2	ND	0.3
Toluene	1	UG/L	2.3	2.2	ND	2.0	1.2	1.7	ND	1.3	3.0	1.8	1.5	1.1	1.5
Chlorobenzene	1	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	1	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	2.7	ND	ND	ND	0.2
Acrylonitrile	13.8	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acrolein		UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
			=====									=====		=====	
Halomethane Purgeable Cmpnds		UG/L =====	0.0	6.8	2.7	2.9	1.2	3.8	1.4	2.7	0.0	0.0	0.0	2.3	2.0
Purgoshlo Compounds		===== UG/L	13.1	===== 16.9	16.8	13.1	===== 16.9	===== 25.7	===== 11.3	24.6	20.0	===== 16.1	===== 16.9	13.0	17.0
Purgeable Compounds	13.8	UG/L	13.1	10.9	10.8	13.1	10.9	25.7	11.3	24.0	20.0	10.1	10.9	13.0	17.0
Additional analytes determin	ed;														
	====	=====		=====		=====	=====			=====					=====
Allyl chloride	1	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-methyl-2-pentanone	6.1	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
meta,para xylenes	3.1	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	10.9	ND	ND	ND	0.9
Styrene	4.7	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-trichlorobenzene		UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl Iodide	1	UG/L UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroprene Methyl methacrylate	1.4 4.6	UG/L 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 ND	ND ND
2-nitropropane	4.0 10	UG/L UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-dibromoethane	3.3	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	4.4	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzyl chloride	7.2	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ortho-xylene	3.4	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	20	UG/L	1430	235	1860	2010	188	1680	3200	639	1460	417	1800	2240	1430
Carbon disulfide	1	UG/L	1.5	1.2	1.2	1.5	1.9	1.2	2.9	3.3	2.7	1.4	1.3	1.4	1.8
2-butanone	4	UG/L	*	ND	ND	ND	6.5	5.0	ND	8.8	6.8	5.9	4.4	ND	3.4
Methyl tert-butyl ether	1	UG/L	ND	ND	1.2	ND	ND	1.6	ND	ND	ND	ND	ND	ND	0.2

From 01-JAN-2004 to 31-DEC-2004

				PLE								
				JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
Analyte	MDL	Units	Equiv	P242693	P244337	P248859	P252082	P253880	P259479	P263151	P264290	P270442
	====	=====	=====									
2,3,7,8-tetra CDD	500	PG/L	1.000	ND								
1,2,3,7,8-penta CDD	500	PG/L	0.500	ND								
1,2,3,4,7,8_hexa_CDD	500	PG/L	0.100	ND								
1,2,3,6,7,8-hexa CDD	500	PG/L	0.100	ND								
1,2,3,7,8,9-hexa CDD	500	PG/L	0.100	ND								
1,2,3,4,6,7,8-hepta CDD	500	PG/L	0.010	ND								
octa CDD	1000	PG/L	0.001	ND								
2,3,7,8-tetra CDF	250	PG/L	0.100	ND								
1,2,3,7,8-penta CDF	500	PG/L	0.050	ND								
2,3,4,7,8-penta CDF	500	PG/L	0.500	ND								
1,2,3,4,7,8-hexa CDF	500	PG/L	0.100	ND								
1,2,3,6,7,8-hexa CDF	500	PG/L	0.100	ND								
1,2,3,7,8,9-hexa CDF	500	PG/L	0.100	ND								
2,3,4,6,7,8-hexa CDF	500	PG/L	0.100	ND								
1,2,3,4,6,7,8-hepta CDF	500	PG/L	0.010	ND								
1,2,3,4,7,8,9-hepta CDF	500	PG/L	0.010	ND								
octa CDF	1000	PG/L	0.001	ND								

				PLE	PLE	PLE
				OCT	NOV	DEC
Analyte	MDL	Units	Equiv	P271532	P278226	P281963
	====		=====			
2,3,7,8-tetra CDD	500	PG/L	1.000	ND	ND	ND
1,2,3,7,8-penta CDD	500	PG/L	0.500	ND	ND	ND
1,2,3,4,7,8_hexa_CDD	500	PG/L	0.100	ND	ND	ND
1,2,3,6,7,8-hexa CDD	500	PG/L	0.100	ND	ND	ND
1,2,3,7,8,9-hexa CDD	500	PG/L	0.100	ND	ND	ND
1,2,3,4,6,7,8-hepta CDD	500	PG/L	0.010	ND	ND	ND
octa CDD	1000	PG/L	0.001	ND	ND	ND
2,3,7,8-tetra CDF	250	PG/L	0.100	ND	ND	ND
1,2,3,7,8-penta CDF	500	PG/L	0.050	ND	ND	ND
2,3,4,7,8-penta CDF	500	PG/L	0.500	ND	ND	ND
1,2,3,4,7,8-hexa CDF	500	PG/L	0.100	ND	ND	ND
1,2,3,6,7,8-hexa CDF	500	PG/L	0.100	ND	ND	ND
1,2,3,7,8,9-hexa CDF	500	PG/L	0.100	ND	ND	ND
2,3,4,6,7,8-hexa CDF	500	PG/L	0.100	ND	ND	ND
1,2,3,4,6,7,8-hepta CDF	500	PG/L	0.010	ND	ND	ND
1,2,3,4,7,8,9-hepta CDF	500	PG/L	0.010	ND	ND	ND
octa CDF	1000	PG/L	0.001	ND	ND	ND

Abor	ve an	re permit	requ	ired	CDD/CDF	isomers.
nd=	not	detected				
NA=	not	analyzed	NS=	not	sampled	

From 01-JAN-2004 To 31-DEC-2004

			PLE TCDD JAN	TCDD FEB	PLE TCDD MAR	PLE TCDD APR	PLE TCDD MAY	PLE TCDD JUN	PLE TCDD JUL	PLE TCDD AUG	PLE TCDD SEP
Analyte	MDL	Units =====		P244337	P248859		P253880			P264290	P270442
======================================	==== 500	PG/L	====== ND	ND	ND	===== ND	===== ND	ND	===== ND	ND	ND
1,2,3,7,8-penta CDD	500	PG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3,4,7,8_hexa_CDD	500	PG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDD	500	PG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDD	500	PG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDD		PG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
octa CDD		PG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,3,7,8-tetra CDF	250	PG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3,7,8-penta CDF	500	PG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,3,4,7,8-penta CDF 1,2,3,4,7,8-hexa CDF	500 500	PG/L PG/L	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND
1,2,3,6,7,8-hexa CDF	500	PG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDF	500	PG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,3,4,6,7,8-hexa CDF	500	PG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDF		PG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3,4,7,8,9-hepta CDF		PG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
octa CDF	1000	PG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analyte	MDL	Units	PLE TCDD OCT P271532		PLE TCDD DEC P281963						
========================		=====		=======							
2,3,7,8-tetra CDD	500	PG/L	ND	ND	ND						
1,2,3,7,8-penta CDD	500	PG/L	ND	ND	ND						
1,2,3,4,7,8_hexa_CDD	500	PG/L	ND	ND	ND						
1,2,3,6,7,8-hexa CDD	500	PG/L	ND	ND	ND						
1,2,3,7,8,9-hexa CDD	500	PG/L	ND	ND	ND						
1,2,3,4,6,7,8-hepta CDD		PG/L	ND	ND	ND						
octa CDD 2,3,7,8-tetra CDF	250	PG/L PG/L	ND ND	ND	ND ND						
1,2,3,7,8-penta CDF	250 500	PG/L PG/L	ND	ND ND	ND						
2,3,4,7,8-penta CDF	500	PG/L	ND	ND	ND						
1,2,3,4,7,8-hexa CDF	500	PG/L	ND	ND	ND						
1,2,3,6,7,8-hexa CDF	500	PG/L	ND	ND	ND						
1,2,3,7,8,9-hexa CDF	500	PG/L	ND	ND	ND						
2,3,4,6,7,8-hexa CDF	500	PG/L	ND	ND	ND						
1,2,3,4,6,7,8-hepta CDF		PG/L	ND	ND	ND						
1,2,3,4,7,8,9-hepta CDF		PG/L	ND	ND	ND						
octa CDF	1000	PG/L	ND	ND	ND						

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

From 01-JAN-2004 to 31-DEC-2004

				PLR								
				JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
Analyte	MDL	Units	Equiv	P242696	P244342	P248862	P252085	P253885	P259482	P263154	P264295	P270445
	====		=====	======		======						
2,3,7,8-tetra CDD	500	PG/L	1.000	ND								
1,2,3,7,8-penta CDD	500	PG/L	0.500	ND								
1,2,3,4,7,8_hexa_CDD	500	PG/L	0.100	ND								
1,2,3,6,7,8-hexa CDD	500	PG/L	0.100	ND								
1,2,3,7,8,9-hexa CDD	500	PG/L	0.100	ND								
1,2,3,4,6,7,8-hepta CDD	500	PG/L	0.010	ND								
octa CDD	1000	PG/L	0.001	ND								
2,3,7,8-tetra CDF	250	PG/L	0.100	ND								
1,2,3,7,8-penta CDF	500	PG/L	0.050	ND								
2,3,4,7,8-penta CDF	500	PG/L	0.500	ND								
1,2,3,4,7,8-hexa CDF	500	PG/L	0.100	ND								
1,2,3,6,7,8-hexa CDF	500	PG/L	0.100	ND								
1,2,3,7,8,9-hexa CDF	500	PG/L	0.100	ND								
2,3,4,6,7,8-hexa CDF	500	PG/L	0.100	ND								
1,2,3,4,6,7,8-hepta CDF	500	PG/L	0.010	ND								
1,2,3,4,7,8,9-hepta CDF	500	PG/L	0.010	ND								
octa CDF	1000	PG/L	0.001	ND								

				PLR	PLR	PLR
				OCT	NOV	DEC
Analyte	MDL	Units	Equiv	P271537	P278229	P281966
	====	=====	=====	======		======
2,3,7,8-tetra CDD	500	PG/L	1.000	ND	ND	ND
1,2,3,7,8-penta CDD	500	PG/L	0.500	ND	ND	ND
1,2,3,4,7,8_hexa_CDD	500	PG/L	0.100	ND	ND	ND
1,2,3,6,7,8-hexa CDD	500	PG/L	0.100	ND	ND	ND
1,2,3,7,8,9-hexa CDD	500	PG/L	0.100	ND	ND	ND
1,2,3,4,6,7,8-hepta CDD	500	PG/L	0.010	ND	ND	ND
octa CDD	1000	PG/L	0.001	ND	ND	ND
2,3,7,8-tetra CDF	250	PG/L	0.100	ND	ND	ND
1,2,3,7,8-penta CDF	500	PG/L	0.050	ND	ND	ND
2,3,4,7,8-penta CDF	500	PG/L	0.500	ND	ND	ND
1,2,3,4,7,8-hexa CDF	500	PG/L	0.100	ND	ND	ND
1,2,3,6,7,8-hexa CDF	500	PG/L	0.100	ND	ND	ND
1,2,3,7,8,9-hexa CDF	500	PG/L	0.100	ND	ND	ND
2,3,4,6,7,8-hexa CDF	500	PG/L	0.100	ND	ND	ND
1,2,3,4,6,7,8-hepta CDF	500	PG/L	0.010	ND	ND	ND
1,2,3,4,7,8,9-hepta CDF	500	PG/L	0.010	ND	ND	ND
octa CDF	1000	PG/L	0.001	ND	ND	ND

Abov	e ar	ce	permit	requ	ιj	ired	CDD/CDF	isomers.
nd=	not	de	etected					
NA=	not	ar	nalyzed	NS=		not	sampled	

From 01-JAN-2004 To 31-DEC-2004

			PLR TCDD JAN	PLR TCDD FEB	PLR TCDD MAR	PLR TCDD APR	PLR TCDD MAY	PLR TCDD JUN	PLR TCDD JUL	PLR TCDD AUG	PLR TCDD SEP
Analyte ====================================	MDL	Units =====		P244342		P252085	P253885		P263154	P264295	P270445
2,3,7,8-tetra CDD	500	PG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3,7,8-penta CDD	500	PG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3,4,7,8_hexa_CDD	500	PG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDD	500	PG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDD	500	PG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDD	500	PG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
octa CDD	1000	PG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,3,7,8-tetra CDF	250	PG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3,7,8-penta CDF	500	PG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,3,4,7,8-penta CDF	500	PG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3,4,7,8-hexa CDF	500	PG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDF	500	PG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDF	500	PG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,3,4,6,7,8-hexa CDF	500	PG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDF		PG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3,4,7,8,9-hepta CDF		PG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
octa CDF	1000	PG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
			PLR TCDD OCT	PLR TCDD NOV	PLR TCDD DEC						
Analyte	MDL	Units	P271537	P278229	P281966						
		=====									
2,3,7,8-tetra CDD	500	PG/L	ND	ND	ND						
1,2,3,7,8-penta CDD	500	PG/L	ND	ND	ND						
1,2,3,4,7,8_hexa_CDD	500	PG/L	ND	ND	ND						
1,2,3,6,7,8-hexa CDD	500	PG/L	ND	ND	ND						
1,2,3,7,8,9-hexa CDD	500	PG/L	ND	ND	ND						
	500	PG/L	ND	ND	ND						
octa CDD		PG/L	ND	ND	ND						
2,3,7,8-tetra CDF				ND	ND						
1,2,3,7,8-penta CDF	250	PG/L	ND								
2 2 4 7 0 member (DE	500	PG/L	ND	ND	ND						
2,3,4,7,8-penta CDF	500 500	PG/L PG/L	ND ND	ND ND	ND ND						
1,2,3,4,7,8-hexa CDF	500 500 500	PG/L PG/L PG/L	ND ND ND	ND ND ND	ND ND ND						
1,2,3,4,7,8-hexa CDF 1,2,3,6,7,8-hexa CDF	500 500 500 500	PG/L PG/L PG/L PG/L	ND ND ND ND	ND ND ND ND	ND ND ND ND						
1,2,3,4,7,8-hexa CDF 1,2,3,6,7,8-hexa CDF 1,2,3,7,8,9-hexa CDF	500 500 500 500 500	PG/L PG/L PG/L PG/L PG/L	ND ND ND ND	ND ND ND ND	ND ND ND ND						
1,2,3,4,7,8-hexa CDF 1,2,3,6,7,8-hexa CDF 1,2,3,7,8,9-hexa CDF 2,3,4,6,7,8-hexa CDF	500 500 500 500 500 500	PG/L PG/L PG/L PG/L PG/L PG/L	ND ND ND ND ND	ND ND ND ND ND	ND ND ND ND ND						
1,2,3,4,7,8-hexa CDF 1,2,3,6,7,8-hexa CDF 1,2,3,7,8,9-hexa CDF 2,3,4,6,7,8-hexa CDF 1,2,3,4,6,7,8-hepta CDF	500 500 500 500 500 500 500	PG/L PG/L PG/L PG/L PG/L PG/L PG/L	ND ND ND ND ND ND	ND ND ND ND ND ND	ND ND ND ND ND ND						
1,2,3,4,7,8-hexa CDF 1,2,3,6,7,8-hexa CDF 1,2,3,7,8,9-hexa CDF 2,3,4,6,7,8-hexa CDF	500 500 500 500 500 500 500 500	PG/L PG/L PG/L PG/L PG/L PG/L	ND ND ND ND ND	ND ND ND ND ND	ND ND ND ND ND						

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

2004 Point Loma Treatment Plant Total Coliforms

The following are the monthly Total Coliform results of the Point Loma Treatment Plant Effluent. The value is stated in terms of Most Probable Number (MPN) per 100 milliliters of sample.

TOTAL
COLIFORM
(MPN Index/100ml)
7,000,000
5,000,000
21,000,000
17,000,000
13,000,000
50,000,000
110,000,000
11,000,000
23,000,000
23,000,000
8,000,000
5,000,000
24,416,667

SAMPLE SOURCE (Pt. Loma Treatment Plant Effluent)

From 01-JAN-2004 to 31-DEC-2004

	Tota Hardne		Calciu Hardne		Magnes Hardne		Calciu	ım	Magnes	ium
MDL:	.22 Inf.	mg/L Eff.	.2 Inf.	mg/L Eff.	.08 Inf.	mg/L Eff.	.08 Inf.	mg/L Eff.	.02 Inf.	mg/L Eff.
======================================	======= 467	446	=======================================	227	=======================================	====== 220	=======================================	91	========= 54	53
FEBRUARY -2004	430	414	223	208	207	205	90	84	50	50
MARCH -2004	409	401	213	202	197	200	85	81	48	49
APRIL -2004	395	378	181	169	214	209	92	84	52	51
MAY -2004	433	416	200	187	233	229	90	84	57	56
JUNE -2004	508	453	240	211	268	243	96	85	65	59
JULY -2004	429	418	215	203	215	215	86	81	52	52
AUGUST -2004	437	415	219	201	218	214	86	79	53	52
SEPTEMBER-2004	441	405	222	197	219	208	89	79	53	51
OCTOBER -2004	494	471	239	220	255	251	96	88	62	61
NOVEMBER -2004	455	429	234	214	221	215	94	86	54	52
DECEMBER -2004	465	446	238	223	226	223	96	89	55	54
Average:	447	424	222	205	225	219	92	84	55	53
	Alkal	inity	Total	-	Total	Vol.	Conducti	vity	Fluori	de
			Soli	ds	Solid	ls				
MDL:	1.5	mg/L	100	mg/L	100	mg/L	10um	hos/cm	.05	mg/L
	Inf.	Eff.	Inf.	Eff.	Inf.	Eff.	Inf.	Eff.	Inf.	Eff.
					=========		==========		==========	
JANUARY -2004	290	255	2070	1810	545	325	2930	2920	0.83	0.90
FEBRUARY -2004	268	236	1930	1600	494	278	2640	2520	0.65	0.67
MARCH -2004	281	254	1940	1700	540	353	2670	2660	0.72	0.80
APRIL -2004	275	249	1830	1610	484	285	2560	2600	0.64	0.61
MAY -2004 JUNE -2004	281 276	254 253	2230 2150	1910	631 554	349 351	3050	3130 3050	0.55 0.59	0.66 0.61
JUNE -2004 JULY -2004	278	253	2150	1910 1750	591	341	3070 2870	2830	0.59	0.61
AUGUST -2004	278	258	1990	1750	543	281	2870	2830	0.01	0.58
SEPTEMBER-2004	273	245	2060	1750	594	320	2880	2880	0.60	0.66
OCTOBER -2004	250	226	1960	1680	576	368	2570	2580	0.83	0.79
NOVEMBER -2004	271	247	1920	1700	479	297	2770	2810	0.70	0.72
DECEMBER -2004	268	242	1960	1760	493	311	2720	2810	0.78	0.82
			=========		=========		=========		=========	
Average:	274	248	2009	1744	544	322	2793	2798	0.66	0.70
	Chlor	ide	Bromi	de	Sulfa	a+ 0	Nitra	to	Orth	0
	011101	140	210111	ac	04110		112 02 0		Phosph	
MDL:	7	mg/L	.1	mg/L	9	mg/L	.04	mg/L	.2	mg/L
	Inf.	Eff.	Inf.	Eff.	Inf.	Eff.	Inf.	Eff.	Inf.	Eff.
			=========		=========		=========			
JANUARY -2004	567	583	1.51	1.63	288	293	ND	ND	5.79	ND
FEBRUARY -2004	502	511	1.18	1.15	244	248	ND	ND	5.13	ND
MARCH -2004	516	532	1.30	1.32	234	237	ND	ND	4.56	ND
APRIL -2004	518	532	1.56	1.69	238	232	ND	ND	5.93	ND
MAY -2004	477	659	1.76	1.85	253	251	ND	ND	6.30	ND
JUNE -2004	703	670	1.84	1.81	265	261	ND	ND	2.53	ND
JULY -2004 AUGUST -2004	555	577	1.42	1.49	245	246	ND	ND	3.92	ND
AUGUST -2004 SEPTEMBER-2004	562	565 586	1.39 1.34	1.39	242 229	240 227	ND	ND 0 E 6	5.83 4.36	1.23
OCTOBER -2004	569 511	586	1.34	1.24 1.40	229	227	ND ND	0.56 ND	4.36 6.86	ND ND
NOVEMBER -2004	554	523	1.40	1.40	254	243	ND	0.34	5.12	ND
DECEMBER -2004	572	593	1.40	1.40	263	243	ND	ND	4.70	ND
DECEMBER =2004	==========		==========		==========		========		4.70	
Average:	551	575	1.47	1.49	249	247	ND	0.08	5.09	0.10

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

From 01-JAN-2004 to 31-DEC-2004

	Lith	ium	Sodiı	ım	Potass	ium	Chemic Oxygen		Solub BOD	ole
MDL:	.01 Inf.	mg/L Eff.	.3 Inf.	mg/L Eff.	2 Inf.	mg/L Eff.	22 Inf.	mg/L Eff.	2 Inf.	mg/L Eff.
JANUARY -2004 FEBRUARY -2004 MARCH -2004 APRIL -2004 JUNE -2004 JUNE -2004 JULY -2004 AUGUST -2004 SEPTEMBER-2004 OCTOBER -2004	0.06 0.03 0.01 0.02 0.04 0.05 0.04 0.04 0.04 0.04	0.04 0.05 0.03 0.02 0.04 0.04 0.03 0.04 0.05 0.05	358 328 342 342 381 449 377 382 362 374	362 334 338 349 382 413 387 377 351 366	30.6 22.2 27.0 28.6 29.5 33.8 27.7 27.4 26.6 27.6	30.1 22.2 28.3 28.2 29.6 33.5 27.5 27.5 27.7 25.8 26.9	540 499 527 550 570 622 532 696 570 487	===== 241 199 234 246 276 241 239 243 235 183	82 80 85 87 88 85 75 86 75 86 75 65	71 69 73 69 75 75 66 75 66 58
NOVEMBER -2004 DECEMBER -2004	0.05	0.05	373 363	363 362	26.0 25.3	25.1 24.9	507 446	209 227	74 81	68 74
======================================	0.04	0.04	======= 368	365	27.7	27.5	======== 546	231	======= 80	70
	Total Dis Solio		Floatak	oles	Turbid	ity	Aluminum		Barium	
MDL:	42 Inf.	mg/L Eff.	.1 Inf.	mg/L Eff.	Inf.	NTU Eff.	50 Inf.	ug/L Eff.	10 Inf.	ug/L Eff.
JANUARY -2004 FEBRUARY -2004 MARCH -2004 APRIL -2004 JUNE -2004 JULY -2004 AUGUST -2004 OCTOBER -2004 NOVEMBER -2004 DECEMBER -2004 AUGUST -2004 SEPTEMBER -2004 AVERAGE -2004	======================================	1660 1550 1550 1770 1780 1590 1580 1590 1580 1500 1510	+	0.1 0.3 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.2 0.1	======================================	50 45 47 49 53 50 50 54 53 44 49 54	======= 1770 2230 1740 1710 1670 1300 1460 1530 1340 1910 1390 1170 ======= 1602	350 134 167 103 77 104 112 77 230 154 31 196	======================================	49 35 33 36 35 32 34 31 30 30 30 30
MDL:	Boron 15	uq/L	Cobalt 4	uq/L	Molybdenum 3	uq/L	Manganese 4	ug/L	Vanadium 7	uq/L
	Inf.	Eff.	Inf.	Eff.	Inf.	Eff.	Inf.	Eff.	Inf. =========	Eff.
JANUARY -2004 FEBRUARY -2004 MARCH -2004 APRIL -2004 JUNE -2004 JULY -2004 AUGUST -2004 SEPTEMBER-2004 OCTOBER -2004 NOVEMBER -2004 DECEMBER -2004 ===================================	478 342 432 438 480 443 422 428 431 374 417 462 ===================================	460 347 425 451 485 413 420 423 439 371 447 381 	ND ND <4 ND 1 1 4 0 <0 1 1 1 1 2 	ND <4 ND ND 1 1 <0 <0 <0 1 <0 1 <0 2 0 1 <0	NR 4 7 NR 7 15 15 18 15 14 12 14 12 14 12	NR 4 5 NR 9 13 15 15 13 12 9 11 ====== 11	142 145 127 126 129 137 127 140 137 144 154 166 ==================================	156 147 140 153 146 153 146 138 153 167 160 184 195 ===== 157	NR ND ND 7 8 8 6 8 5 5 5 5	NR ND <7 ND 3 3 3 2 2 1
AVELAYE.	429	422	<0	<0	12	ΤT	140	1.01	5	Z

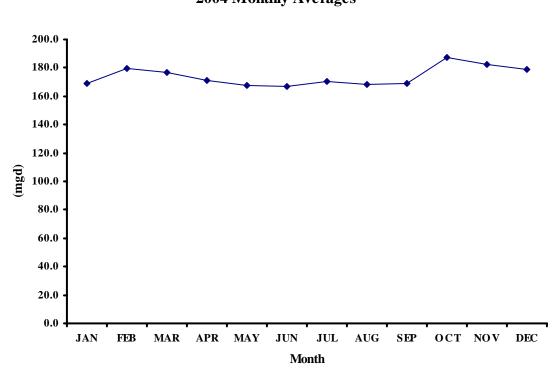
ND=not detected; NS=not sampled; NA=not analyzed; NR=not required

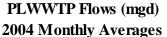
Samples are 24 hour composites

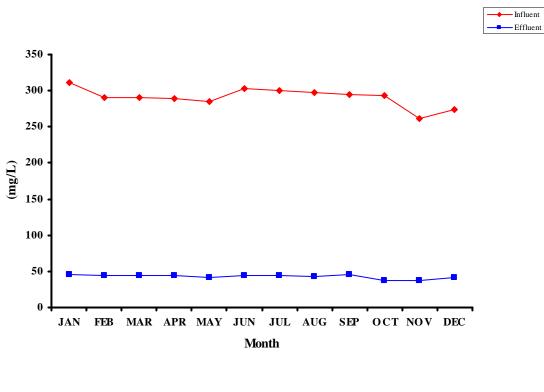
B. Influent and Effluent Graphs.

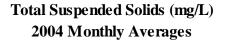
Graphs of monthly averages for permit parameters with measurable concentration averages.

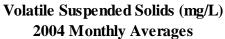
Where possible, the influent and effluent values of a given parameter have been included on the same graph so that removals and other relationships are readily apparent. Please note that many of the graphs are on expanded scales. That is, they normally don't go to zero concentrations but show, in magnified scale, that range of concentrations where variation takes place. This makes differences and some trends obvious that might normally not be noticed. However, it also provides the temptation to interpret minor changes or trends as being of more significance than they are. Frequent reference to the scales and the actual differences in concentrations is therefore necessary.

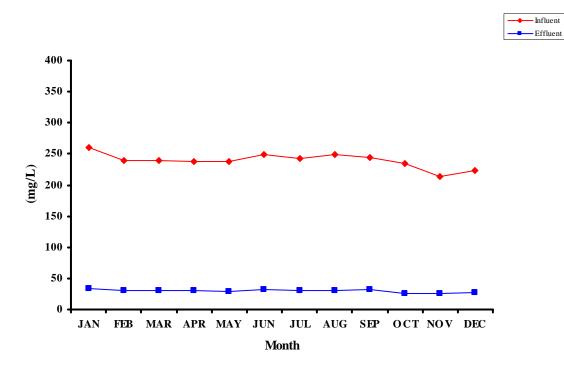


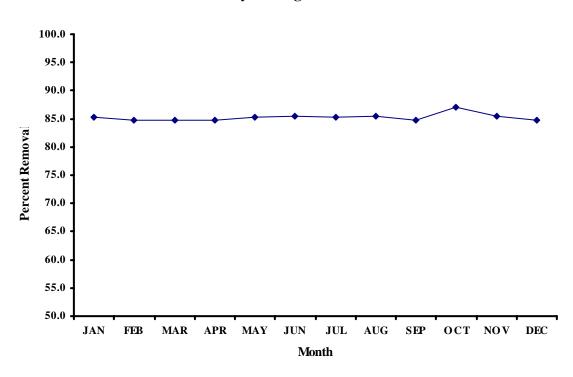




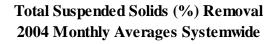


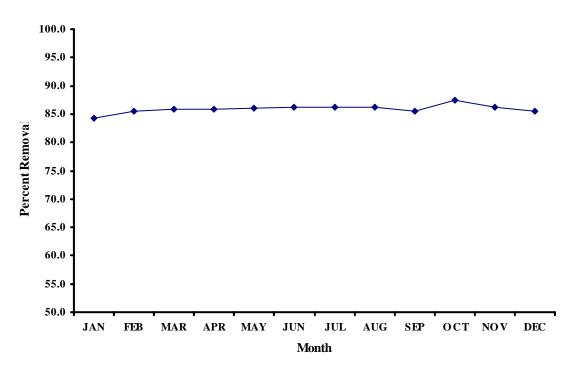


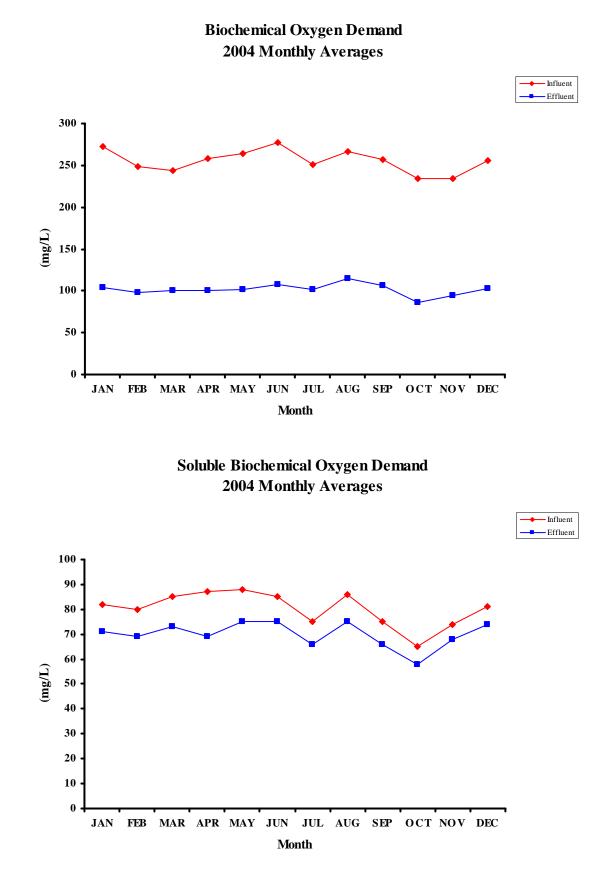


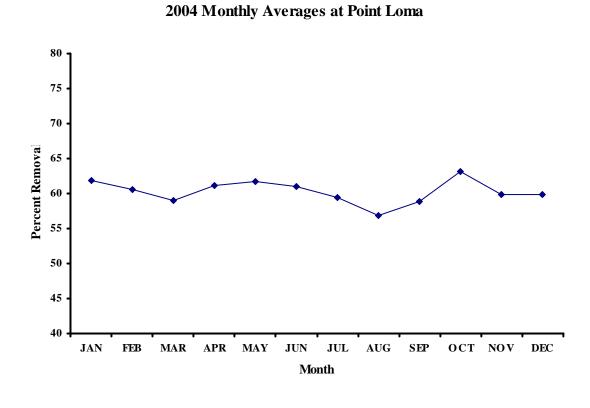


Total Suspended Solids (%) Removal 2004 Monthly Averages at Point Loma

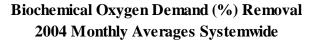


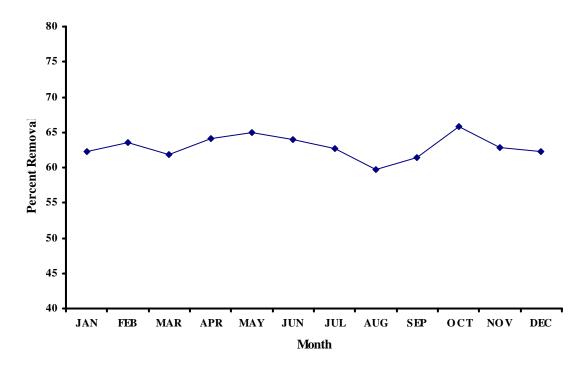


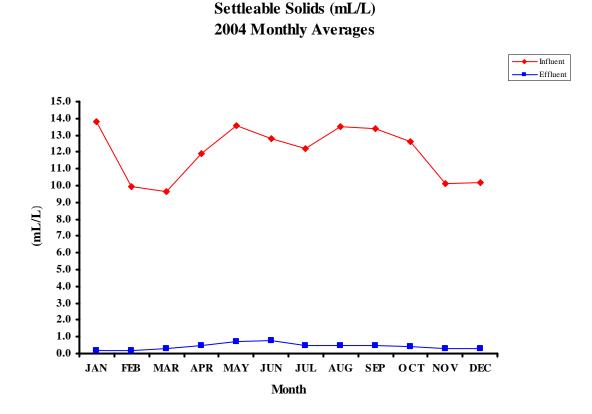


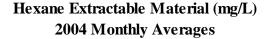


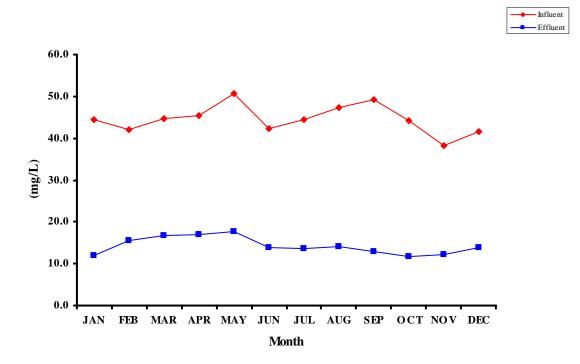
Biochemical Oxygen Demand (%) Removal



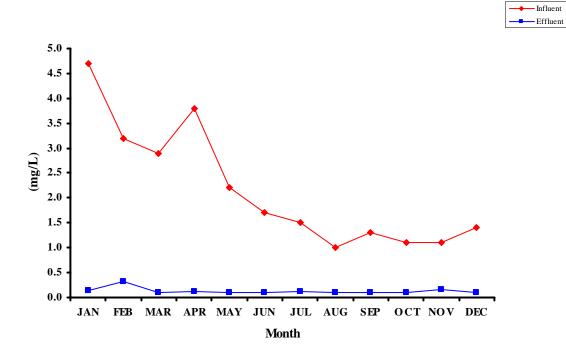




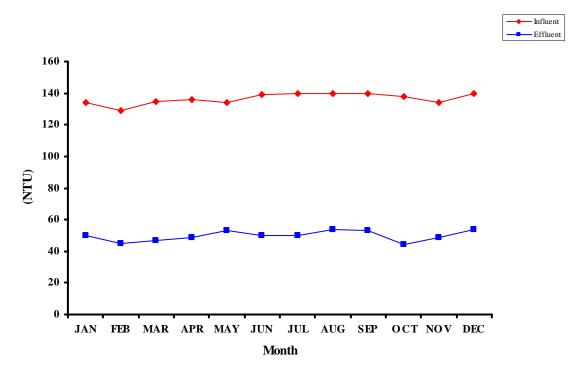




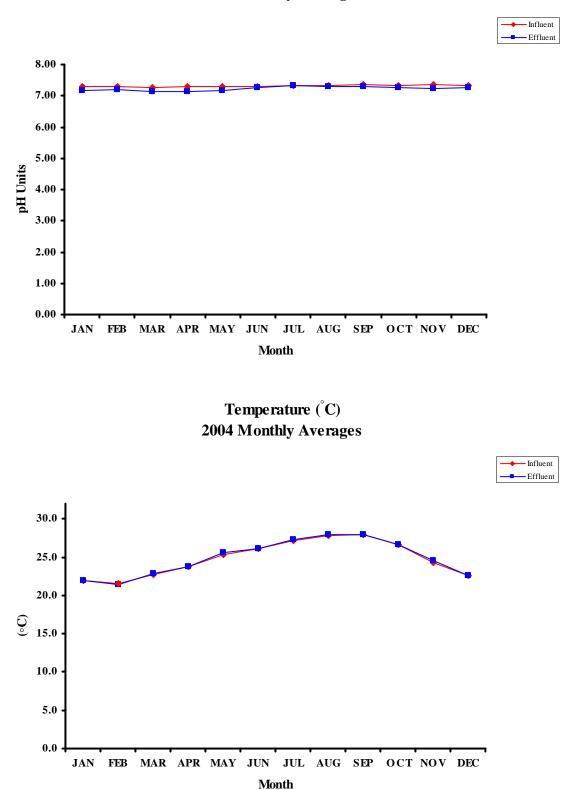
Floatables (mg/L) 2004 Monthly Averages

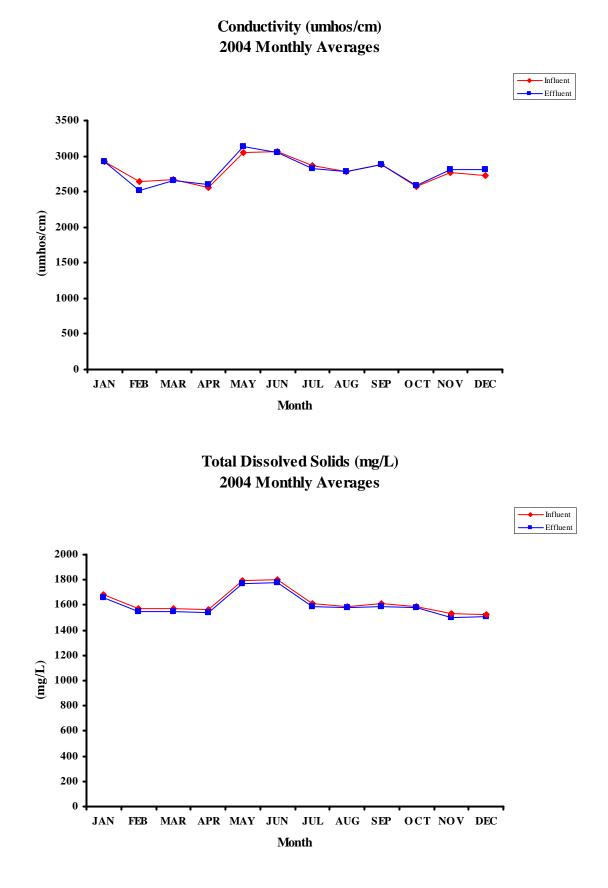


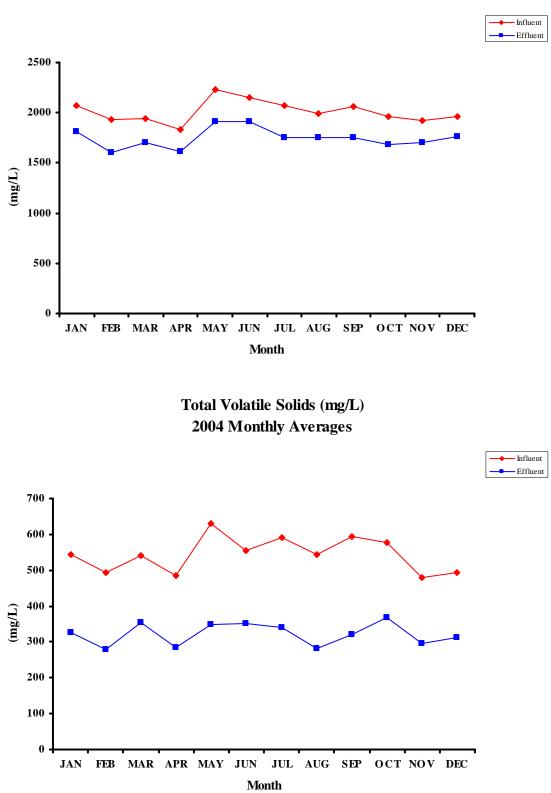
Turbidity (NTU) 2004 Monthly Averages



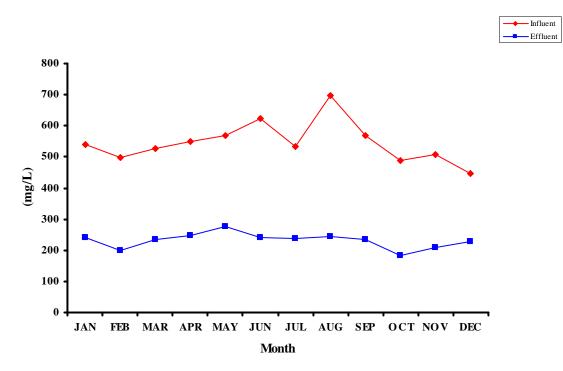
pH 2004 Monthly Averages





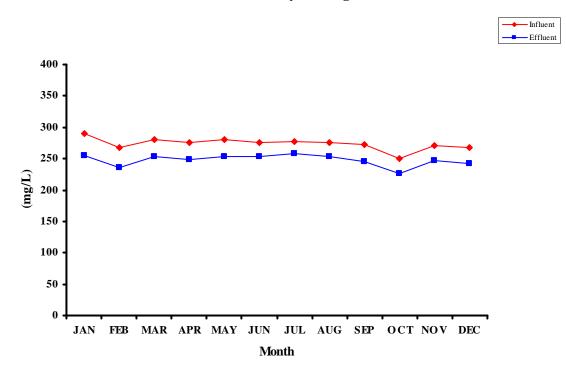


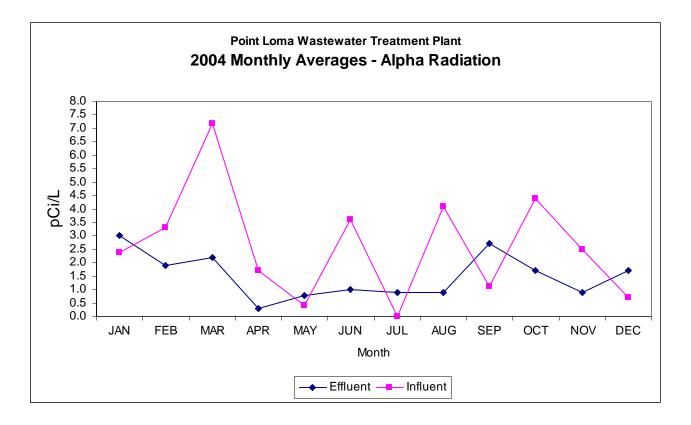
Total Solids (mg/L) 2004 Monthly Averages

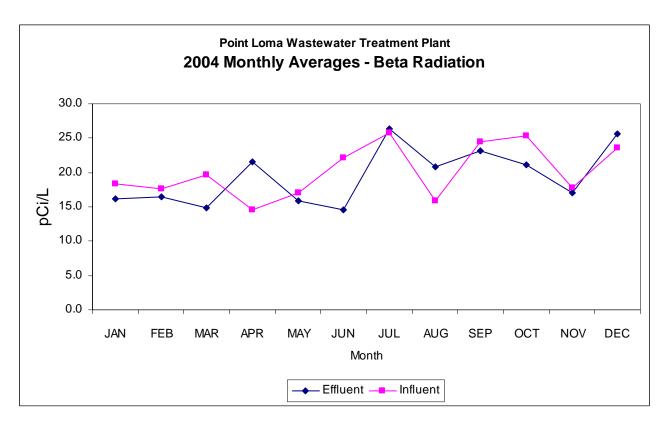


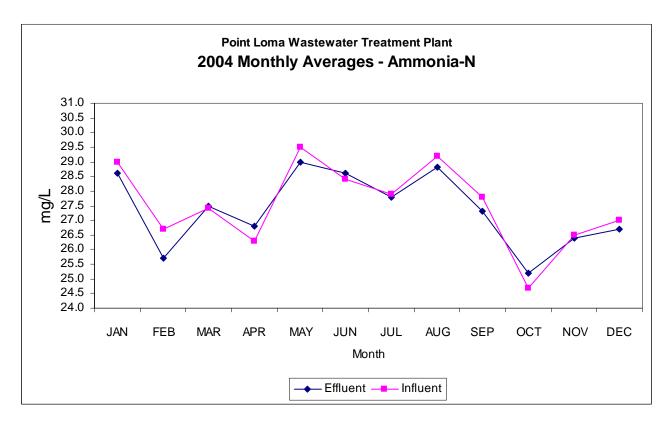
Chemical Oxygen Demand (mg/L) 2004 Monthly Averages

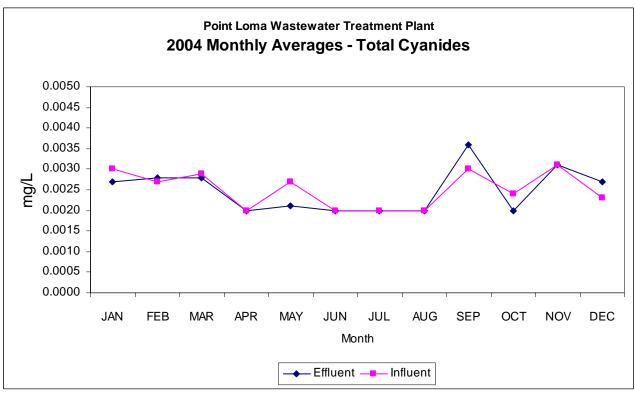
Alkalinity (mg/L) 2004 Monthly Averages



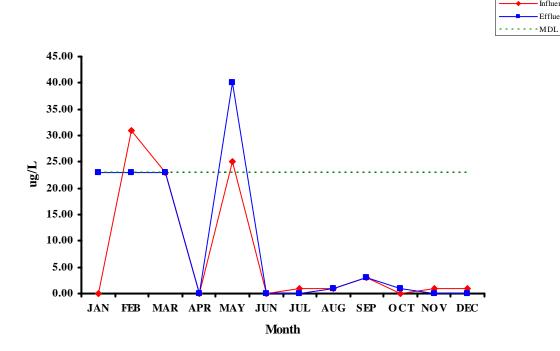




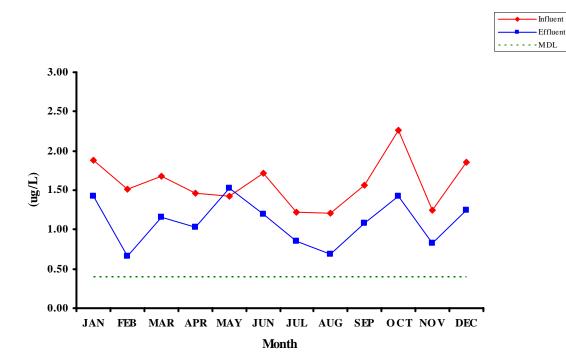




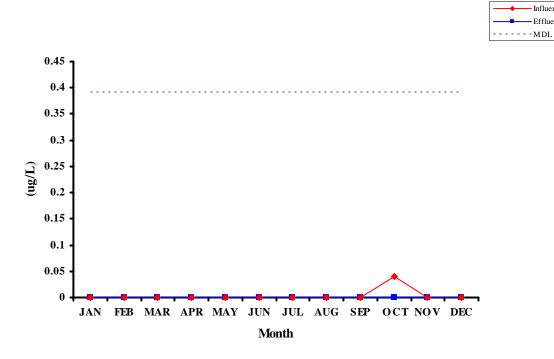
Antimony **2004 Monthly Averages**



Arsenic **2004 Monthly Averages**



Beryllium **2004 Monthly Averages**

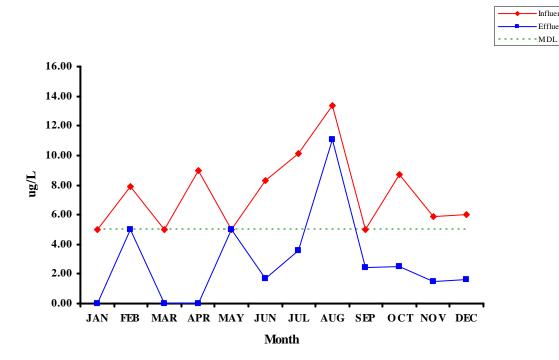


Cadmium **2004 Monthly Averages**

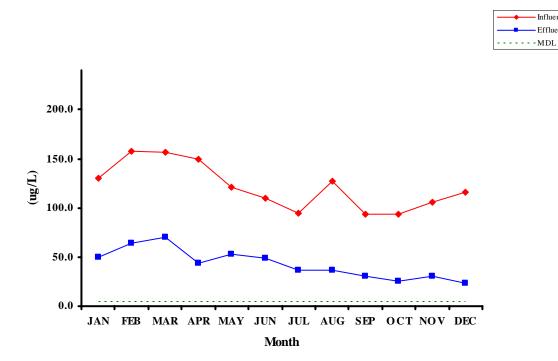
1. 1.	.2 - 1 - .8 - .6 -	_							, –					Effl	luent
			١			/ `		-	, 	_					
0.								_				*	•		
	0 +	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ост	NOV	DEC		
							Mo	nth							

Chromium **2004 Monthly Averages**

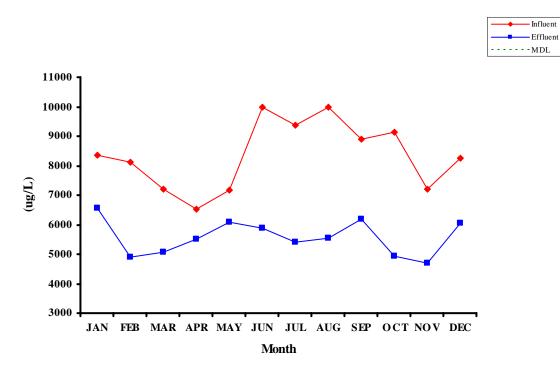
Influent Effluent



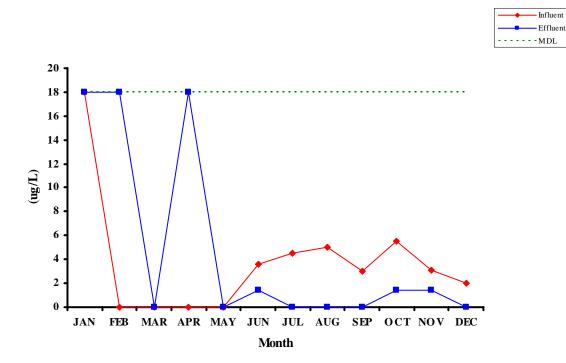
Copper **2004 Monthly Averages**



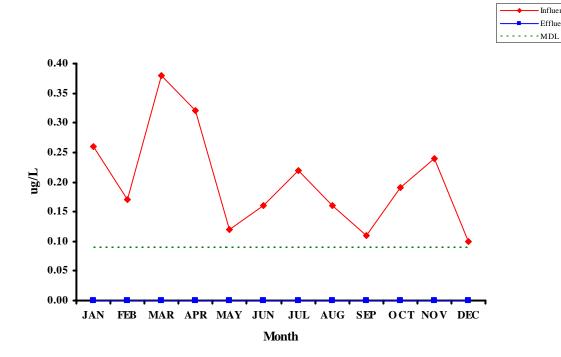
Iron 2004 Monthly Averages



Lead 2004 Monthly Averages

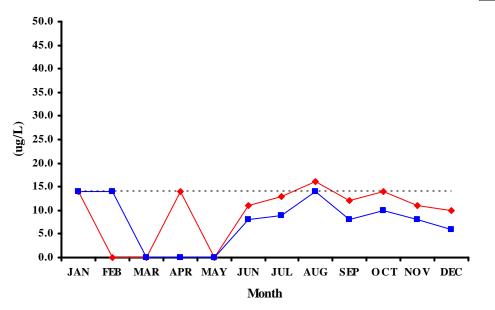


Mercury **2004 Monthly Averages**

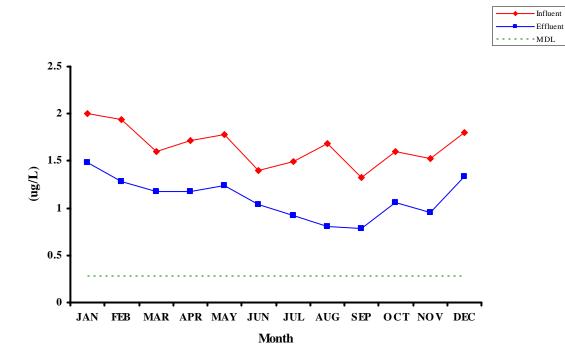


Nickel **2004 Monthly Averages**

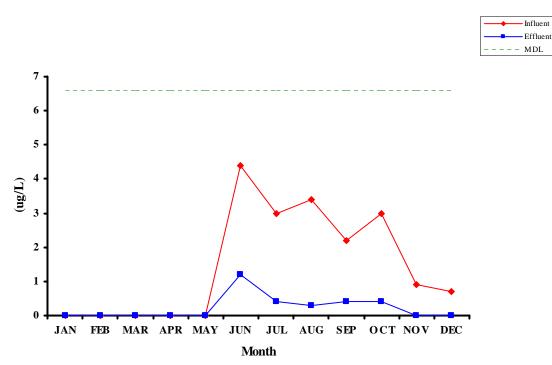
 - Influent
 - Effluent
 MDL



Selenium 2004 Monthly Averages

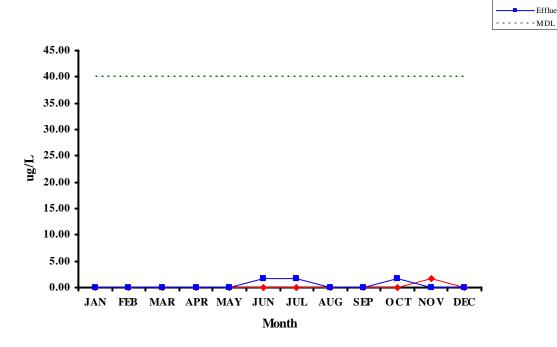


Silver 2004 Monthly Averages

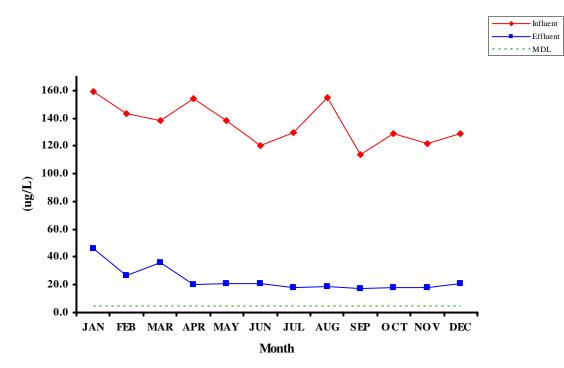


Thallium 2004 Monthly Averages

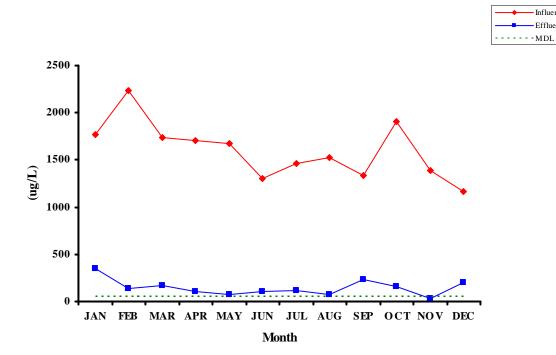
- Influent - Effluent



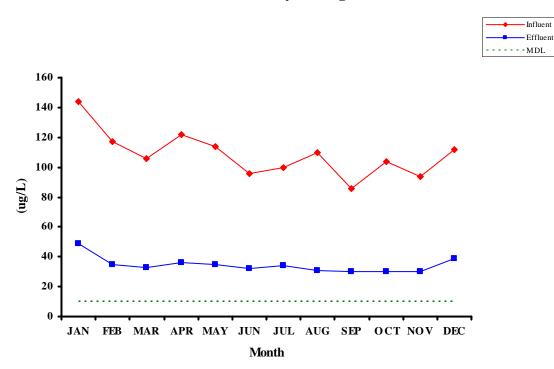
Zinc 2004 Monthly Averages



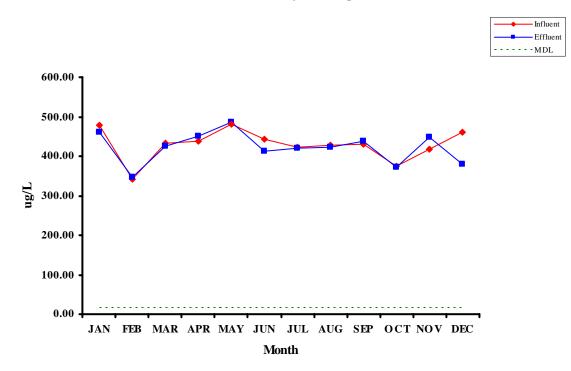
Aluminum **2004 Monthly Averages**



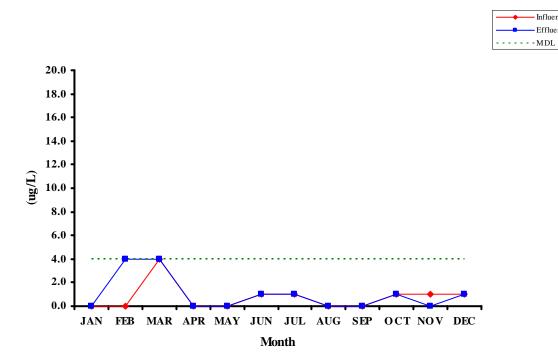
Barium **2004 Monthly Averages**

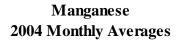


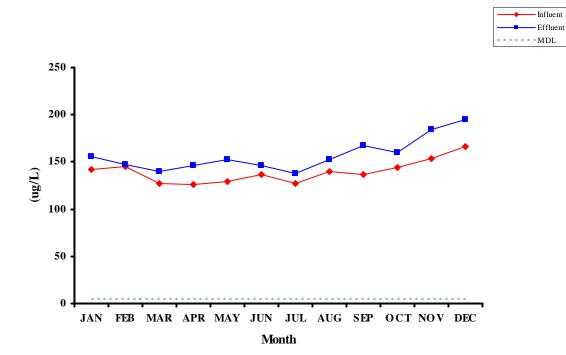
Boron 2004 Monthly Averages



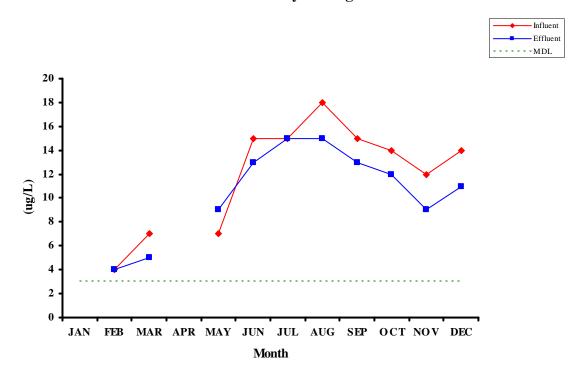
Colbalt **2004 Monthly Averages**

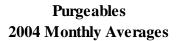


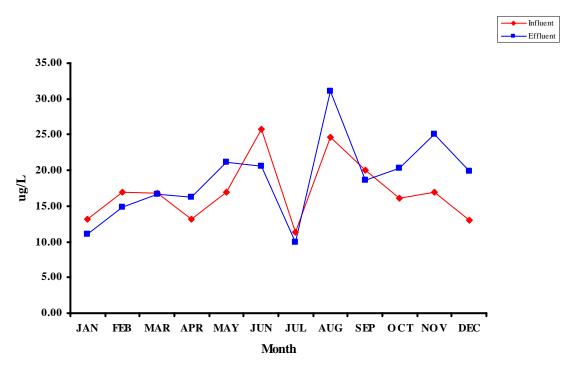




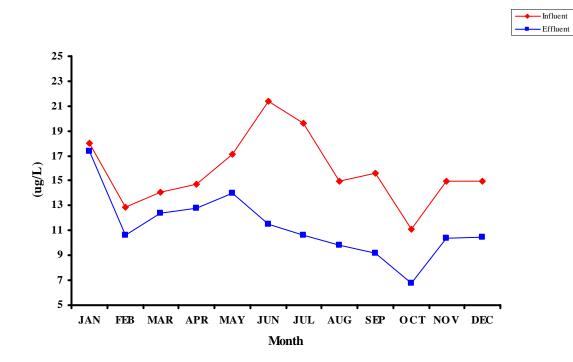
Molybdeum 2004 Monthly Averages



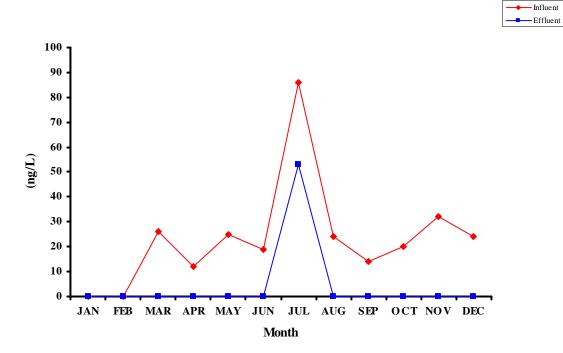




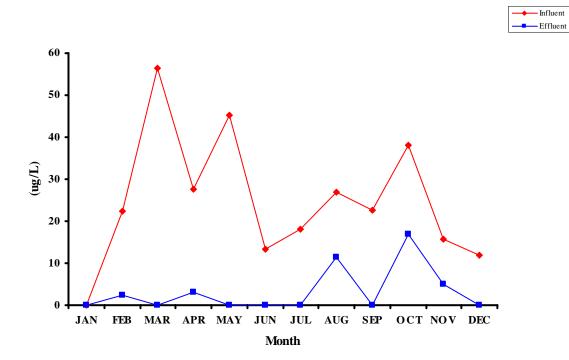
Phenols 2004 Monthly Averages



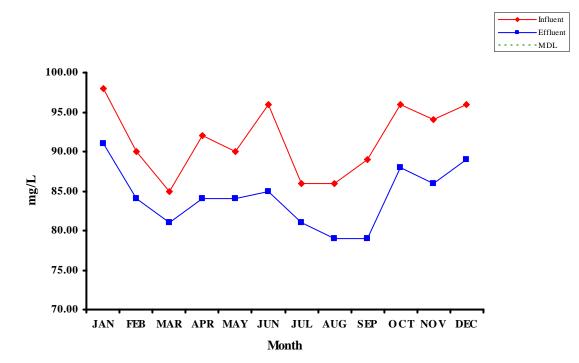
Total Chlorinated Hydrocarbons 2004 Monthly Averages



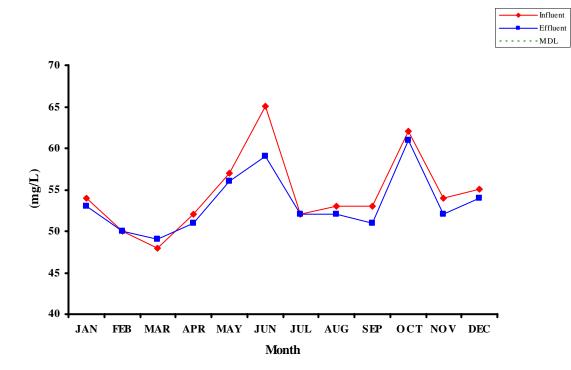
Base Neutrals 2004 Monthly Averages

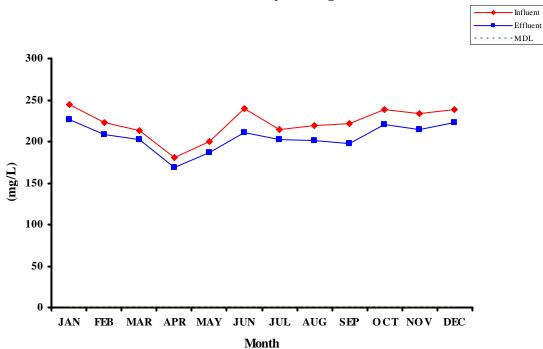


Calcium 2004 Monthly Averages



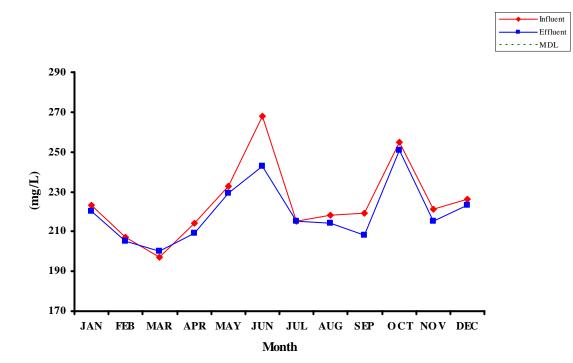
Magnesium 2004 Monthly Averages



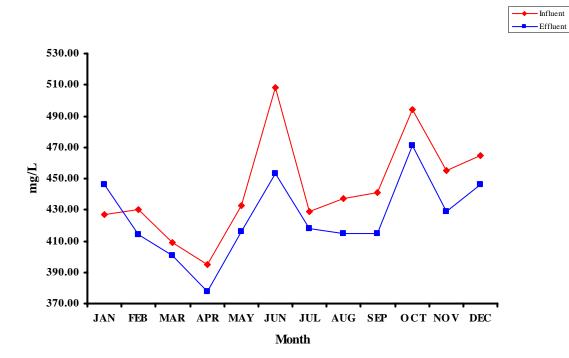


Calcium Hardness 2004 Monthly Averages

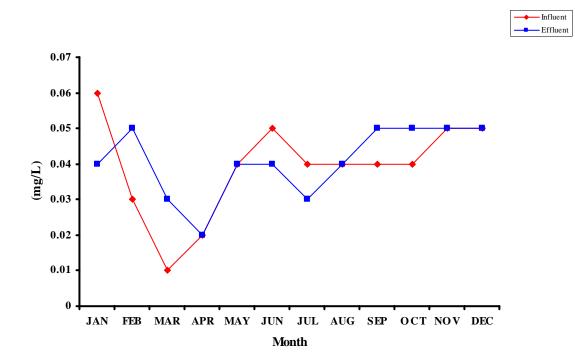
Magnesium Hardness 2004 Monthly Averages



Total Hardness 2004 Monthly Averages

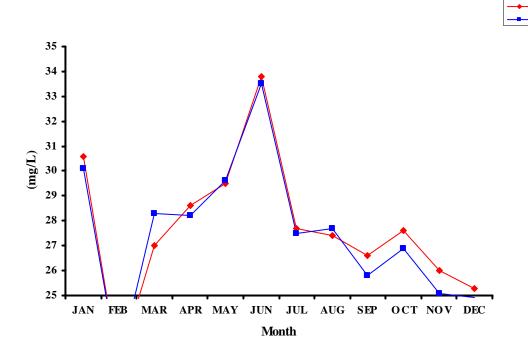


Lithium 2004 Monthly Averages

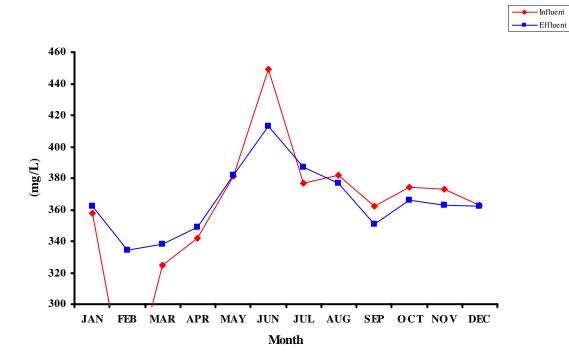


Potassium 2004 Monthly Averages

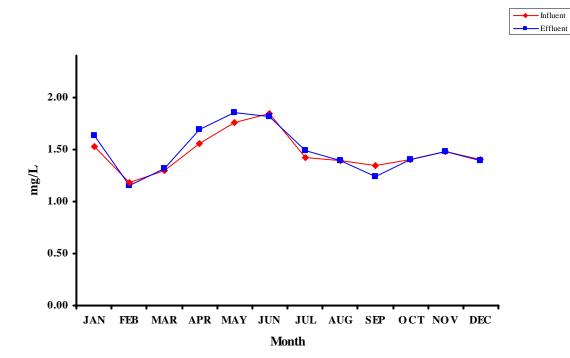
- Influent - Effluent



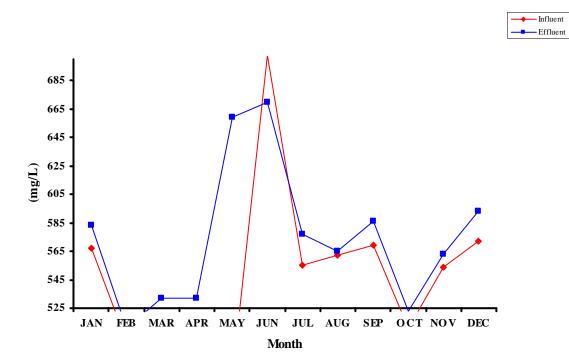
Sodium 2004 Monthly Averages



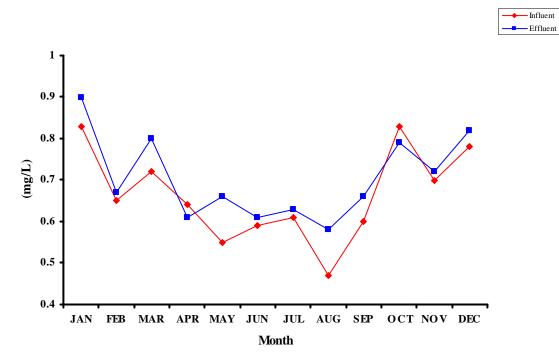
Bromide 2004 Monthly Averages



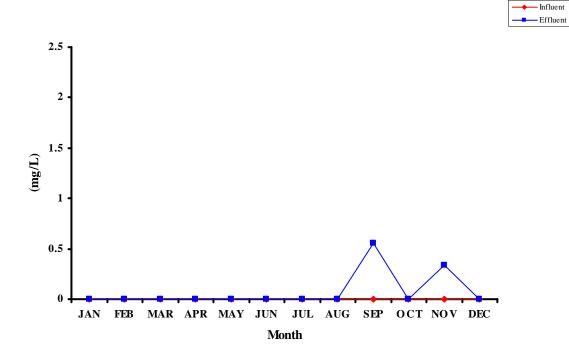
Chloride 2004 Monthly Averages



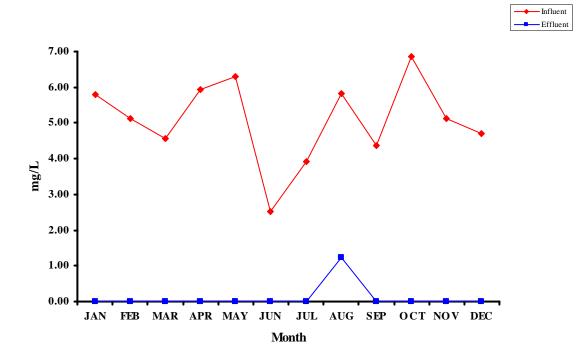
Fluoride 2004 Monthly Averages



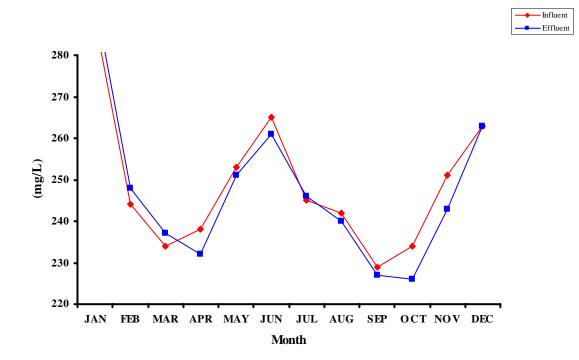
Nitrate 2004 Monthly Averages



O-Phosphate 2004 Monthly Averages



Sulfate 2004 Monthly Averages



C. Daily Values of Selected Parameters.

Daily values of selected parameters (e.g. TSS, Flow, TSS Removals, etc.) are tabulated and presented graphically; statistical summary information is provided.

2004 Daily Flows (mgd) 350.0 -300.0 Flow (mgd) 250.0 200.0 mm 150.0 100.0 DEC 404 MAR MAY 1AT EEB AR NT? NG ŞÉR oci N Date

Point Loma Wastewater Treatment Plant 2004 Daily Flows (mgd)

Point Loma Wastewater Treatment Plant

2004 Flows (lligu)													
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
1	153.0	169.5	180.0	166.7	167.6	169.2	164.0	167.1	169.7	161.6	189.3	181.0	
2	160.8	167.1	198.5	180.3	167.5	168.5	166.9	170.8	170.0	167.5	186.2	178.8	
3	173.4	181.3	188.2	174.5	173.1	168.2	167.7	167.8	171.8	166.1	194.3	180.0	
4	174.7	174.6	183.9	169.9	167.5	168.4	163.5	168.7	164.7	168.7	193.9	177.5	
5	169.1	180.3	185.0	175.0	168.8	166.0	166.5	169.1	161.0	164.4	182.3	190.4	
6	171.8	169.8	183.9	168.3	167.6	166.0	177.3	169.5	170.0	165.7	190.8	186.7	
7	168.0	177.0	178.2	168.6	171.4	170.6	165.1	170.1	170.8	167.4	188.7	183.6	
8	169.0	174.5	180.9	169.5	167.7	166.0	171.4	166.3	171.1	168.9	188.0	180.8	
9	169.6	172.3	178.9	167.5	167.1	165.3	170.1	169.0	171.0	168.7	186.2	177.6	
10	170.7	166.6	173.9	169.0	168.7	166.0	170.1	172.9	171.7	166.1	182.1	179.6	
11	171.8	168.3	177.3	164.7	166.7	161.0	169.6	174.9	173.7	171.3	188.1	181.0	
12	170.1	169.3	173.6	170.5	167.3	171.5	177.0	168.8	173.0	161.3	182.5	174.9	
13	164.8	167.8	175.0	170.8	168.5	163.9	166.1	170.1	170.0	163.5	181.7	176.5	
14	168.7	169.6	175.3	169.3	167.3	168.1	171.0	170.0	167.3	167.7	181.1	170.5	
15	168.3	168.1	174.4	173.9	170.3	169.1	172.8	164.0	172.4	166.3	180.8	174.2	
16	169.1	168.8	174.3	170.6	169.9	160.8	174.4	164.2	174.0	166.8	181.0	171.1	
17	169.3	174.0	176.6	173.0	168.9	168.6	169.6	169.4	175.2	174.4	179.6	170.6	
18	165.4	171.7	164.3	172.8	168.6	161.2	171.4	167.9	169.7	174.8	179.0	168.9	
19	169.9	176.8	184.8	181.0	165.9	165.4	176.5	172.5	166.5	211.6	178.4	171.2	
20	172.5	174.1	174.3	174.2	165.9	163.3	175.1	162.7	169.2	227.5	181.6	169.2	
21	166.5	174.1	172.0	173.3	163.1	164.0	177.3	167.7	164.7	219.7	182.8	168.3	
22	170.2	199.8	175.1	177.1	164.5	167.6	173.0	165.1	165.0	197.0	182.7	169.2	
23	168.6	230.2	173.2	173.9	168.4	168.1	171.8	171.2	168.4	200.4	181.2	168.6	
24	168.5	188.0	173.9	168.4	166.5	169.6	168.0	164.0	165.7	185.0	180.1	168.1	
25	170.2	189.5	173.2	172.9	161.4	170.7	166.8	168.8	164.7	182.2	179.5	152.3	
26	170.5	209.1	172.6	171.8	169.7	169.4	169.3	170.1	169.0	185.0	162.2	158.0	
27	175.7	198.8	174.1	168.7	166.4	166.2	175.0	166.2	174.2	295.2	170.8	165.6	
28	169.5	192.6	169.2	167.9	164.8	167.3	169.9	168.9	160.0	254.6	178.6	191.1	
29	167.8	185.8	173.4	167.4	165.7	167.9	172.1	169.8	166.5	218.3	177.6	248.8	
30	169.2		168.2	167.8	165.1	165.2	168.7	167.7	165.9	206.2	180.8	201.2	Annual
31	172.9		168.4	_	169.3		168.7	168.0		203.0		205.7	Summary
Average	169.0	179.4	176.6	171.3	167.5	166.8	170.5	168.5	168.9	187.0	182.4	178.7	173.9
Minimum	153.0	166.6	164.3	164.7	161.4	160.8	163.5	162.7	160.0	161.3	162.2	152.3	152.3
Maximum	175.7	230.2	198.5	181.0	173.1	171.5	177.3	174.9	175.2	295.2	194.3	248.8	295.2
Total	5239.4	5023.4	5474.5	5139.2	5191.1	5002.7	5286.6	5223.0	5066.7	5796.7	5471.7	5540.8	63455.7

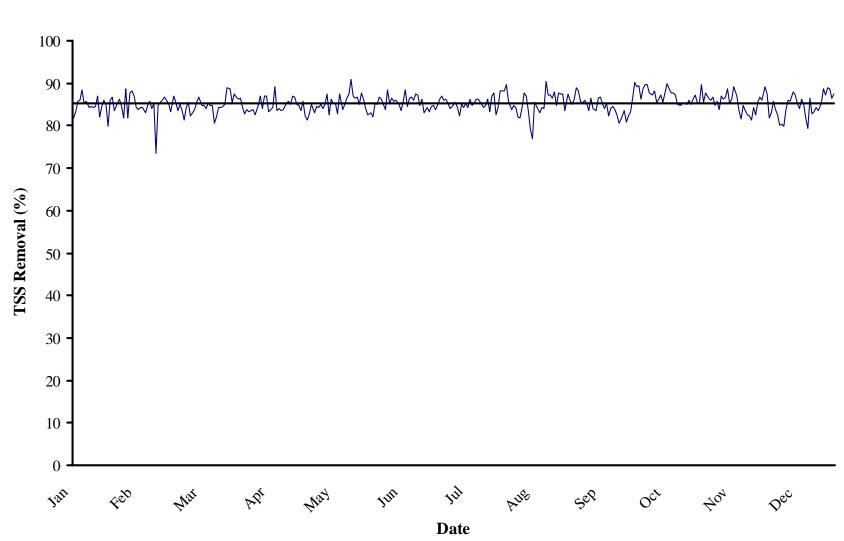
2004 Flows (mgd)

500 · 450 400 350 300 TSS (mg/L) 250 200 150 100 50 0 Jun May AUS $\mathcal{P}_{\mathcal{C}}$ Ser \$°° 1st Jan Mar 204 P.P. 000 Date

Point Loma Wastewater Treatment Plant 2004 Total Suspended Solids

Point Loma Wastewater Treatment Plant 2004 Total Suspended Solids (mg/L)

	Ja	n	Fe	eb	Ma	ar	Ap	or	Ma	ay	Ju	n	Ju	1	A	ıg	Se	р	0	ct	No	ov	D	ec
Day	Inf	Eff																						
1	291	42	321	45	301	39	367	50	239	42	266	48	314	48	321	38	289	43	296	32	249	36	260	47
2	304	42	330	44	274	40	320	50	247	46	334	49	292	40	397	41	293	40	302	32	262	32	260	44
3	243	41	267	44	303	50	251	43	275	47	287	43	310	40	290	41	360	40	277	38	273	37	281	40
4	291	43	312	46	286	43	276	45	269	40	308	41	313	44	295	48	290	34	301	34	257	36	278	45
5	307	38	372	51	274	45	289	48	287	49	278	38	284	39	314	48	283	40	320	33	273	36	230	40
6	343	46	283	44	252	47	284	47	304	47	294	44	292	43	281	44	284	42	326	34	243	37	236	47
7	329	46	260	47	320	50	297	48	262	41	266	43	296	47	284	51	299	42	303	37	246	35	258	51
8	346	45	432	49	371	54	274	48	262	39	323	37	309	48	275	50	270	40	289	37	267	43	253	51
9	321	51	257	47	287	51	274	42	264	42	305	45	296	43	278	44	272	45	303	36	246	32	267	43
10	345	51	307	38	300	51	294	38	300	45	298	40	286	45	352	43	275	37	276	40	268	37	285	40
11	328	50	324	38	279	45	264	42	364	46	301	43	271	48	402	52	283	45	313	43	294	39	259	37
12	306	48	297	39	284	41	291	38	277	48	298	42	309	46	299	49	273	45	313	40	282	32	276	33
13	324	46	274	43	270	36	308	40	307	42	318	48	292	46	268	56	302	41	292	42	249	37	265	34
14	308	50	266	43	250	38	275	46	276	41	314	52	305	45	259	60	294	39	327	40	253	35	276	41
15	281	51	281	44	275	42	292	47	290	43	303	43	303	48	299	43	297	44	307	31	269	29	283	45
16	292	49	293	46	287	46	282	44	263	45	366	42	291	40	304	47	295	47	289	33	278	36	298	41
17	316	45	296	50	312	46	395	43	337	42	310	48	284	43	259	44	296	44	316	39	292	48	282	42
18	299	42	324	49	294	45	263	43	265	43	306	41	299	44	275	43	272	48	285	35	266	49	258	47
19	356	41	350	50	283	43	264	42	280	42	301	40	290	40	296	47	271	43	308	39	258	39	262	54
20	311	46	280	45	236	46	260	43	298	40	278	39	283	39	332	32	299	46	312	47	243	40	283	38
21	336	48	278	41	258	46	277	45	293	37	326	41	312	45	274	35	301	49	248	38	240	42	325	56
22	313	49	280	74	307	48	294	43	343	31	326	42	305	48	272	35	311	54	264	39	260	46	287	48
23	296	46	238	36	287	45	282	40	271	35	291	44	297	45	280	38	298	58	279	41	256	48	275	43
24	291	46	260	38	286	44	253	38	290	39	348	48	293	40	306	37	284	52	253	38	272	43	272	45
25	359	56	273	38	281	42	323	42	293	39	285	48	283	47	294	45	279	46	285	40	242	42	272	40
26	371	48	266	35	323	36	301	40	287	43	298	47	361	47	302	37	291	56	268	40	269	39	352	40
27	283	51	230	32	320	36	289	43	315	39	280	47	341	42	286	36	307	54	377	52	250	33	318	41
28	297	46	239	35	262	38	275	42	275	38	295	46	271	47	285	36	300	50		33	263	37	296	33
29	341	48	232	39	338	42	273	45	255	41	297	45	307	48	266	44	304	41	242	35	275	30	263	30
30	305	46			303	40	282	40	269	47	282	46	308	36	309	39	381	37		35	254	32	236	32
31	208	42			289	40			265	45			303	36	264	37			321	33			245	31
Avg	311	46.4	290	43.7	290	43.6	289	43.5	285	42.0		44.0	300	43.7	297	43.1	295	44.8		37.5	262	37.9	274	41.9
Min	208	38.4	230	32.1	236	35.6	251	38.3	239	30.8		37.4	271	35.6	259	32.1	270	33.7		30.5	240	29.2	230	30.1
Max	371	55.5	432	74.0	371	54.0	395	50.4	364	48.5	366	51.6	361	48.4	402	59.9	381	57.8	377	51.5	294	48.9	352	55.9



Point Loma Wastewater Treatment Plant 2004 TSS Removal (%) at Point Loma

	2004 Total Suspended Sonds Kemovals (70) at Tomit Lonia													
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
Day	% Rem	% Rem	% Rem	% Rem	% Rem	% Rem	% Rem	% Rem	% Rem	% Rem	% Rem	% Rem		
1	85.6	86.0	87.0	86.4	82.4	82.0	84.7	88.2	85.1	89.2	85.5	81.9		
2	86.2	86.7	85.4	84.4	81.4	85.3	86.3	89.7	86.3	89.4	87.8	83.1		
3	83.1	83.5	83.5	82.9	82.9	85.0	87.1	85.9	88.9	86.3	86.4	85.8		
4	85.2	85.3	85.0	83.7	85.1	86.7	85.9	83.7	88.3	88.7	86.0	83.8		
5	87.6	86.3	83.6	83.4	82.9	86.3	86.3	84.7	85.9	89.7	86.8	82.6		
6	86.6	84.5	81.3	83.5	84.5	85.0	85.3	84.3	85.2	89.6	84.8	80.1		
7	86.0	81.9	84.4	83.8	84.4	83.8	84.1	82.0	86.0	87.8	85.8	80.2		
8	87.0	88.7	85.4	82.5	85.1	88.5	84.5	81.8	85.2	87.2	83.9	79.8		
9	84.1	81.7	82.2	84.7	84.1	85.2	85.5	84.2	83.5	88.1	87.0	83.9		
10	85.2	87.6	83.0	87.1	85.0	86.6	84.3	87.8	86.5	85.5	86.2	86.0		
11	84.8	88.3	83.9	84.1	87.4	85.7	82.3	87.1	84.1	86.3	86.7	85.7		
12	84.3	86.9	85.6	86.9	82.7	85.9	85.1	83.6	83.5	87.2	88.7	88.0		
13	85.8	84.3	86.7	87.0	86.3	84.9	84.2	79.1	86.4	85.6	85.1	87.2		
14	83.8	83.8	84.8	83.3	85.1	83.4	85.2	76.8	86.7	87.8	86.2	85.1		
15	81.9	84.3	84.7	83.9	85.2	85.8	84.2	85.6	85.2	89.9	89.2	84.1		
16	83.2	84.3	84.0	84.4	82.9	88.5	86.3	84.5	84.1	88.6	87.1	86.2		
17	85.8	83.1	85.3	89.1	87.5	84.5	84.9	83.0	85.1	87.7	83.6	85.1		
18	86.0	84.9	84.7	83.7	83.8	86.6	85.3	84.4	82.4	87.7	81.6	81.8		
19	88.5	85.7	84.8	84.1	85.0	86.7	86.2	84.1	84.1	87.3	84.9	79.4		
20	85.2	83.9	80.5	83.5	86.6	86.0	86.2	90.4	84.6	84.9	83.5	86.6		
21	85.7	85.3	82.2	83.8	87.4	87.4	85.6	87.2	83.7	84.7	82.5	82.8		
22	84.3	73.6	84.4	85.4	91.0	87.1	84.3	87.1	82.6	85.2	82.3	83.3		
23	84.5	84.9	84.3	85.8	87.1	84.9	84.8	86.4	80.5	85.3	81.2	84.4		
24	84.2	85.4	84.6	85.0	86.6	86.2	86.3	87.9	81.7	85.0	84.2	83.5		
25	84.4	86.1	85.1	87.0	86.7	83.2	83.4	84.7	83.5	86.0	82.6	85.3		
26	87.1	86.8	88.9	86.7	85.0	84.2	87.0	87.7	80.8	85.1	85.5	88.6		
27	82.0	86.1	88.7	85.1	87.6	83.2	87.7	87.4	82.4	86.2	86.8	87.1		
28	84.5	85.4	85.5	84.7	86.2	84.4	82.7	87.4	83.3	87.3	85.9	88.9		
29	85.9	83.2	87.6	83.5	83.9	84.8	84.4	83.5	86.5	85.5	89.1	88.6		
30	84.9		86.8	85.8	82.5	83.7	88.3	87.4	90.3	85.4	87.4	86.4		
31	79.8		86.2		83.0		88.1	86.0		89.7		87.3		
	84.9	84.8	84.8	84.8	85.1	85.4	85.4	85.3	84.8	87.1	85.5	84.6		
- 1	79.8	73.6	80.5	82.5	81.4	82.0	82.3	76.8	80.5	84.7	81.2	79.4		

Point Loma Wastewater Treatment Plant 2004 Total Suspended Solids Removals (%) at Point Loma

88.7

88.9

88.5

Avg Min

Max

88.5

88.3

90.3

89.9

89.2

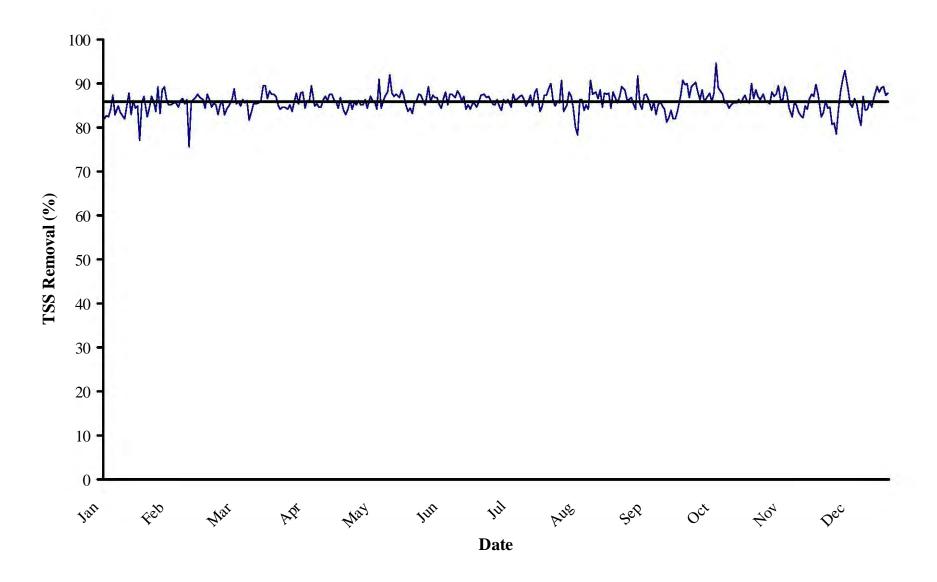
88.9

90.4

89.1

91.0

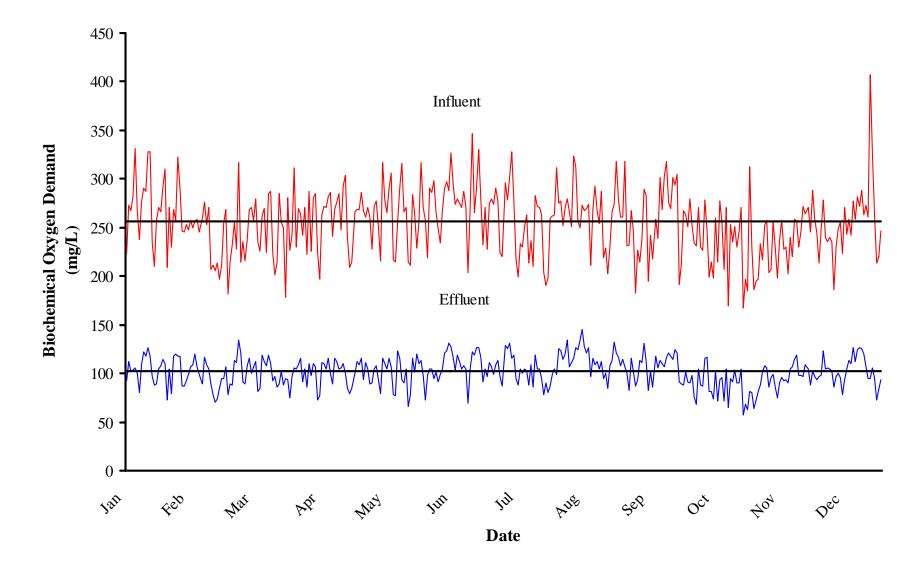
Point Loma Wastewater Treatment Plant 2004 TSS Removal (%) Systemwide



Point Loma Wastewater Treatment Plant 2004 Total Suspended Solids Removals (%) Systemwide

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Day	% Rem											
1	86.6	85.6	87.6	87.1	84.0	83.3	85.8	88.7	85.7	89.7	86.6	82.4
2	86.9	87.0	86.4	85.2	82.8	85.8	87.3	90.1	86.9	89.9	88.6	83.3
3	84.6	82.4	84.7	84.1	84.2	86.0	87.6	86.4	89.3	86.9	87.0	86.1
4	85.7	84.5	85.7	84.7	86.0	87.5	86.7	84.8	88.5	89.3	86.3	84.4
5	87.0	87.2	85.0	84.6	84.1	87.3	87.1	85.8	86.3	89.8	87.6	84.7
6	85.4	85.8	83.0	84.3	85.7	86.0	86.1	85.5	86.4	90.2	85.8	80.7
7	85.7	83.6	85.2	85.0	85.2	85.0	85.3	90.9	86.8	88.0	85.9	81.1
8	86.8	89.2	86.1	83.6	86.2	89.3	85.2	83.8	85.5	86.4	85.3	78.4
9	81.3	83.1	83.0	85.8	85.0	85.9	86.3	85.0	84.2	88.6	88.1	84.3
10	84.0	88.6	84.2	87.8	85.2	87.4	85.0	87.9	91.6	85.7	87.1	88.4
11	83.7	89.3	84.9	85.3	86.2	86.8	84.0	87.2	85.3	87.0	87.5	91.0
12	84.6	86.4	86.4	87.8	84.4	86.8	86.3	84.4	84.2	87.9	89.5	93.0
13	84.2	85.2	88.7	88.1	87.0	85.5	85.6	80.0	87.3	85.9	86.3	88.6
14	84.8	85.2	85.3	84.5	86.2	84.5	86.4	78.3	87.7	87.8	86.0	85.4
15	81.9	85.6	85.9	86.1	85.9	86.5	84.6	86.2	86.3	94.6	89.4	84.6
16	82.8	85.7	85.0	85.7	84.2	88.0	87.5	86.3	84.0	89.0	87.9	86.5
17	82.5	84.8	86.2	89.6	91.0	85.2	86.1	84.0	85.9	88.2	84.4	85.3
18	84.2	86.1	85.6	84.8	84.5	87.6	86.6	85.1	83.0	87.7	82.3	82.5
19	87.4	86.6	86.0	85.3	86.1	87.6	87.1	84.2	85.2	85.6	85.9	80.5
20	83.0	85.4	81.8	84.7	87.4	86.9	87.4	90.8	85.7	85.6	84.8	87.2
21	84.8	86.3	83.3	84.7	88.1	88.3	86.4	87.5	85.0	84.4	83.5	83.8
22	83.4	75.5	85.4	86.4	91.8	87.6	84.9	87.9	84.1	85.1	82.7	84.1
23	82.7	85.6	85.4	87.0	87.9	86.1	85.8	86.5	81.2	85.5	82.3	85.8
24	82.0	86.4	85.6	86.2	87.2	87.0	87.4	88.6	82.3	85.6	84.9	84.6
25	84.8	86.9	86.1	87.7	87.6	84.1	84.8	84.6	83.9	86.3	84.2	86.8
26	87.8	87.6	89.6	87.6	86.8	85.0	87.9	87.8	81.9	85.6	86.5	89.2
27	83.0	86.9	89.4	86.5	88.4	84.1	88.7	87.7	81.9	86.5	87.7	88.0
28	86.0	86.3	86.6	85.8	87.2	85.3	83.7	87.7	83.7	87.2	87.2	89.0
29	84.4	84.5	88.2	84.3	85.2	85.5	84.9	84.3	87.3	85.9	89.7	89.3
30	85.0		87.7	86.9	83.7	84.7	87.2	88.0	90.7	85.6	87.5	87.4
31	77.2		87.6		84.4		87.4	86.9		89.9		87.8
Ì	84.3	85.6	85.9	85.9	86.1	86.2	86.2	86.2	85.6	87.5	86.3	85.6
	77.2	75.5	81.8	83.6	82.8	83.3	83.7	78.3	81.2	84.4	82.3	78.4
	87.8	89.3	89.6	89.6	91.8	89.3	88.7	90.9	91.6	94.6	89.7	93.0

Avg Min Max

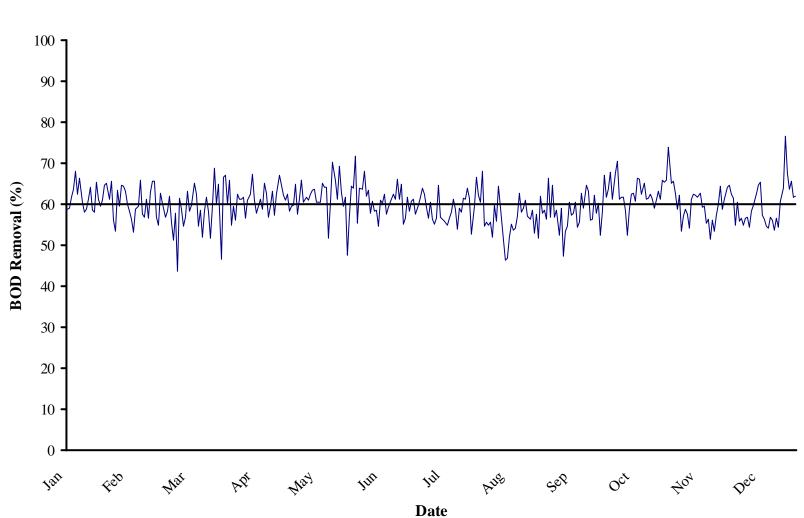


Point Loma Wastewater Treatment Plant 2004 Biochemical Oxygen Demand

Point Loma Wastewater Treatment Plant 2004 Biochemical Oxygen Demand (mg/L)

	Ja	an	Fe	eb	Μ	Iar	А	pr	М	ay	J	un	J	ul	А	ug	Se	ep	С	ct	No	ov
Day	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf
1	81	240	114	292	107	269	97	242	112	269	98	271	97	228	104	263	108	261	101	263	80	230
2	107	273	110	310	78	181	106	311	109	269	73	258	111	275	99	311	114	261	91	251	64	186
3	108	260	73	209	89	214	104	230	115	286	98	219	107	280	125	275	107	318	90	279	73	195
4	128	318	105	271	88	232	109	270	94	267	105	290	99	274	123	277	100	231	98	252	81	197
5	100	278	79	230	113	255	116	264	111	261	104	286	109	291	114	252	82	232	76	234	88	233
6	104	305	118	269	111	228	91	242	105	271	95	298	113	277	120	271	115	267	68	231	101	217
7	118	297	120	258	134	317	105	271	89	261	101	266	97	224	134	279	102	246	105	271	108	252
8	96	275	118	322	121	215	86	222	90	228	91	249	87	220	107	266	87	183	88	230	106	257
9	98	291	118	291	91	236	110	287	104	272	99	234	129	296	111	251	93	227	87	227	86	203
10	102	245	87	246	89	216	98	226	108	277	105	267	125	278	115	324	113	214	115	278	95	207
11	132	312	87	245	108	238	110	281	94	251	121	290	131	302	127	312	111	238	117	246	99	256
12	89	235	93	253	116	268	107	285	79	216	123	297	116	328	124	256	131	289	82	199	86	229
13	86	256	99	248	100	271	73	224	115	317	131	288	119	276	134	250	112	283	81	215	75	198
14	90	221	107	257	107	257	77	197	110	278	128	327	95	218	145	273	83	195	74	198	91	237
15	92	223	109	250	112	279	111	263	105	265	117	295	88	199	128	267	102	242	102	260	96	258
16	112	273	120	256	82	235	110	272	115	291	103	274	105	233	121	270	86	218	72	214	93	228
17	102	267	107	259	85	226	105	271	107	306	119	280	100	230	127	274	118	259	94	277	93	230
18	103	283	99	245	119	262	116	282	78	217	112	275	105	251	97	211	106	239	96	255	90	202
19	106	331	89	260	112	270	100	286	77	215	105	271	102	263	115	268	113	302	72	207	105	240
20	100	267	117	276	108	225	90	241	123	255	108	287	88	213	109	293	110	268	105	271	107	220
21	80	238	109	253	119	285	116	268	115	290	105	271	109	237	112	267	107	303	65 05	169	114	259
22	109	276	105	271	110	287	112	276	94	316	69	203	86	210	104	254	117	318	95 01	253	119	256
23	122	291	90 79	207	93	223	105	285	91	266	105	271	119	283	112	287	121	276	91	235	98	230
24 25	118	287	78 71	211	97 86	201	106	248	105	271	122	347	105	272	94 100	219	118	270	103	251	98 07	245
-	127 118	328 328	71 73	206 213	86 89	213 285	110 100	293 304	66 78	214	119 127	265 292	105 95	271	100 84	229 202	114 124	301 294	90 00	230 245	97 109	272 264
26 27	97	234	73 85	213 197	89 102	285	85	240	115	211 284	127	330	93 78	263 203	84 108	202	124	305	90 105	243 271	109 105	204 271
27	88	234	85 95	211	88	255	83 79	240	101	264	120	280	90	190	113	266	91	191	105 57	167	88	245
28 29	89	210	95 95	254	00 95	178	79 84	209	101	204	91	230	90 80	190	132	200						243
29 30	105	237	75	234	93 94	281	04 100	213	120	229	91 105	232 271	80 87	260	132	318	89 88	212 267	68 63	197 185	102 97	288
30	103	266			94 75	201	100	200	110	317	103	411	87 99	260	121	278	00	207	82	313	91	239
Avg	108	272.1	99	250.7	101	244.5	101	259.0	102	264.2	107	276.1	102	251.8	117	266.7	106	257.0	88	237.9	95	235.5
Min	80	212.1	99 71	197.0	75	178.0	73	197.0	66	204.2	69	203.0	78	190.0	84	200.7	82	183.0	88 57	167.0	93 64	186.0
Max		331.0	120	322.0		317.0	116	311.0	123	317.0	131	347.0	131	328.0	145	324.0	82 131	318.0	117	313.0	119	288.0
IVIAX	132	551.0	120	522.0	134	517.0	110	511.0	123	517.0	131	547.0	131	520.0	140	524.0	151	516.0	11/	515.0	117	200.0

BOLD=Batch or sample did not meet QC requirements on these dates. Used median BOD values from 2003, instead of result value.



Point Loma Wastwater Treatment 2004 BOD Removal (%) at Point Loma

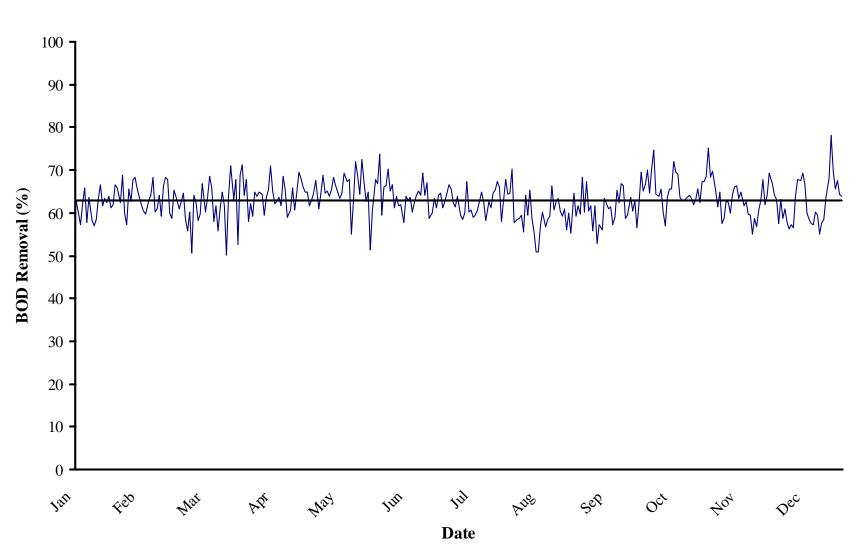
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Day	% Rem											
1	66.2	61.0	60.2	59.9	58.4	63.9	57.5	60.5	58.6	61.6	65.2	61.5
2	60.8	64.5	56.9	65.9	59.5	71.7	59.6	68.2	56.3	63.7	65.6	54.9
3	58.5	65.1	58.4	54.8	59.8	55.3	61.8	54.5	66.4	67.7	62.6	60.5
4	59.7	61.3	62.1	59.6	64.8	63.8	63.9	55.6	56.7	61.1	58.9	55.8
5	64.0	65.7	55.7	56.1	57.5	63.6	62.5	54.8	64.7	67.5	62.2	56.7
6	65.9	56.1	51.3	62.4	61.3	68.1	59.2	55.7	56.9	70.6	53.5	54.9
7	60.3	53.5	57.7	61.3	65.9	62.0	56.7	52.0	58.5	61.3	57.1	56.7
8	65.1	63.4	43.7	61.3	60.5	63.5	60.5	59.8	52.5	61.7	58.8	56.8
9	66.3	59.5	61.4	61.7	61.8	57.7	56.4	55.8	59.0	61.7	57.6	54.3
10	58.4	64.6	58.8	56.6	61.0	60.7	55.0	64.5	47.2	58.6	54.1	58.3
11	57.7	64.5	54.6	60.9	62.5	58.3	56.6	59.3	53.4	52.4	61.3	59.8
12	62.1	63.2	56.7	62.5	63.4	58.6	64.6	51.6	54.7	58.8	62.4	62.4
13	66.4	60.1	63.1	67.4	63.7	54.5	56.9	46.4	60.4	62.3	62.1	64.6
14	59.3	58.4	58.4	60.9	60.4	60.9	56.4	46.9	57.4	62.6	61.6	65.3
15	58.7	56.4	59.9	57.8	60.4	60.3	55.8	52.1	57.9	60.8	62.8	57.2
16	59.0	53.1	65.1	59.6	60.5	62.4	54.9	55.2	60.6	66.4	59.2	56.4
17	61.8	58.7	62.4	61.3	65.0	57.5	56.5	53.6	54.4	66.1	59.6	54.5
18	63.6	59.6	54.6	58.9	64.1	59.3	58.2	54.0	55.6	62.4	55.4	54.2
19	68.0	65.8	58.5	65.0	64.2	61.3	61.2	57.1	62.6	65.2	56.2	56.8
20	62.5	57.6	52.0	62.7	51.8	62.4	58.7	62.8	59.0	61.3	51.4	56.0
21	66.4	56.9	58.2	56.7	60.3	61.3	54.0	58.1	64.7	61.5	56.0	53.7
22	60.5	61.3	61.7	59.4	70.3	66.0	59.0	59.1	63.2	62.5	53.5	56.6
23	58.1	56.5	58.3	63.2	65.8	61.3	58.0	61.0	56.2	61.3	57.4	54.4
24	58.9	63.0	51.7	57.3	61.3	64.8	61.4	57.1	56.3	59.0	60.0	60.8
25	61.3	65.5	59.6	62.5	69.2	55.1	61.3	56.3	62.1	60.9	64.3	64.0
26	64.0	65.7	68.8	67.1	63.0	56.5	63.9	58.4	57.8	63.3	58.7	76.7
27	58.5	56.9	60.0	64.6	59.5	61.8	61.6	53.0	60.3	61.3	61.3	67.6
28	58.1	55.0	64.8	62.2	61.7	58.2	52.6	57.5	52.4	65.9	64.1	63.6
29	65.4	62.6	46.6	60.9	47.6	60.8	59.6	51.8	58.0	65.5	64.6	65.7
30	61.3		66.5	62.4	57.0	61.3	66.5	61.9	67.0	65.9	62.5	61.8
31	59.4		67.0		64.4		62.2	57.9		73.8		61.9
Ī	61.8	60.5	58.5	61.1	61.5	61.1	59.1	56.5	58.4	63.0	59.7	59.5
	57.7	53.1	43.7	54.8	47.6	54.5	52.6	46.4	47.2	52.4	51.4	53.7
	68.0	65.8	68.8	67.4	70.3	71.7	66.5	68.2	67.0	73.8	65.6	76.7

Point Loma Wastewater Treatment Plant 2004 Biochemical Oxygen Demand Removals (%) at Point Loma

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Avg Min Max

Influent and Effluent Data Summary 2.121

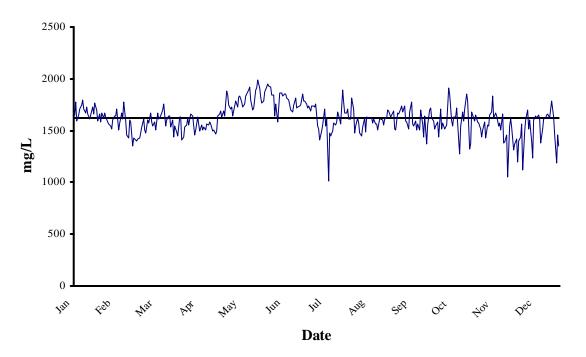


Point Loma Wastewater Treatment Plant 2004 BOD Removal (%) Systemwide

Point Loma Wastewater Treatment Plant 2004 Biochemical Oxygen Demand Removals (%) Systemwide

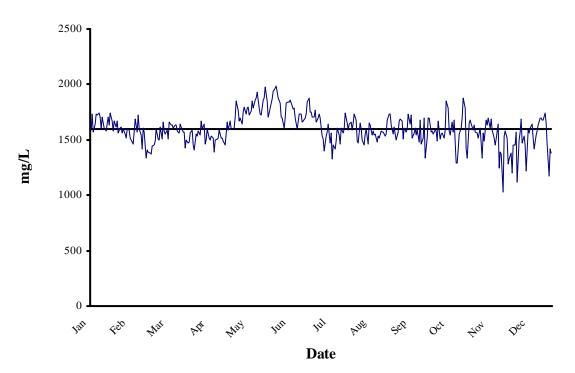
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Day	% Rem											
1	69.6	62.0	62.9	64.2	61.6	66.8	61.2	64.7	61.7	65.1	68.4	63.2
2	63.6	66.6	60.9	67.9	63.0	73.8	62.7	70.3	59.6	66.7	69.8	57.5
3	61.8	65.8	62.6	58.0	64.6	59.4	64.5	57.7	68.3	70.1	65.2	63.1
4	60.5	62.3	64.6	62.1	67.5	66.1	66.6	58.5	60.2	64.7	61.4	58.6
5	64.1	68.9	58.6	59.3	60.8	66.3	65.6	58.7	67.2	70.3	64.8	60.9
6	64.5	59.9	55.8	64.9	64.7	70.3	62.3	59.4	60.4	74.8	57.4	57.6
7	60.7	57.2	60.3	63.9	68.7	65.1	61.4	55.6	61.8	64.3	58.8	56.3
8	66.6	65.7	50.6	64.9	64.6	66.6	64.0	64.1	55.8	63.9	63.0	57.3
9	65.0	62.6	64.0	64.4	65.1	61.3	59.5	59.5	61.7	65.5	62.3	56.5
10	57.0	67.9	62.3	59.5	63.9	63.8	58.5	65.4	52.8	60.1	59.9	63.9
11	56.6	68.3	58.2	63.6	65.4	61.6	60.0	58.8	57.3	57.0	64.5	67.9
12	64.9	65.6	59.6	65.4	68.2	61.8	67.4	55.5	55.9	63.7	66.2	67.6
13	67.1	63.6	66.8	71.0	66.3	57.8	60.3	50.8	63.5	65.5	66.2	69.3
14	62.9	62.0	60.2	65.1	64.8	63.9	60.6	50.9	62.1	65.5	63.3	66.5
15	62.6	60.5	63.7	62.1	63.4	63.0	59.1	56.7	60.9	71.9	64.9	60.0
16	60.0	59.6	68.6	62.5	64.6	63.8	59.5	60.2	61.4	69.5	61.8	58.5
17	57.3	62.9	65.9	63.7	69.3	60.1	60.8	56.8	57.3	69.0	62.6	57.4
18	62.2	64.1	57.9	61.7	67.3	62.4	62.7	58.5	58.9	63.7	59.6	57.3
19	65.8	68.2	61.7	68.6	67.8	64.1	64.9	59.3	65.3	62.9	59.6	60.3
20	57.8	60.2	55.7	65.4	55.2	65.0	62.6	66.4	62.3	63.0	55.1	59.5
21	63.7	60.8	61.0	59.0	62.9	64.2	58.1	60.7	66.8	63.6	58.7	55.2
22	58.3	64.1	64.8	60.8	72.0	69.3	62.7	62.6	66.4	64.1	56.7	57.9
23	56.9	59.2	61.6	65.7	68.5	64.1	61.1	63.3	58.8	63.5	60.7	58.5
24	58.4	66.4	50.1	60.6	64.3	67.0	64.7	60.5	59.4	61.8	62.9	63.7
25	63.4	68.4	63.8	64.6	72.4	58.7	65.2	59.1	63.6	63.1	67.8	68.1
26	66.5	67.9	70.9	69.5	67.4	59.8	67.3	60.8	60.5	65.7	62.0	78.0
27	61.6	60.0	63.2	67.9	62.6	63.4	66.0	56.1	62.9	62.5	64.1	69.8
28	63.4	58.7	67.8	66.0	64.8	61.3	58.0	59.9	56.6	67.3	69.3	65.6
29	62.5	65.4	52.6	65.0	51.5	64.1	63.2	55.2	62.3	67.3	66.8	67.7
30	64.0		68.9	64.9	60.5	64.7	67.8	64.5	69.5	68.4	64.1	64.4
31	61.2		71.1		67.7		64.4	59.3		75.1		64.0
g	62.3	63.6	61.8	64.1	64.9	64.0	62.7	59.7	61.4	65.8	62.9	62.3
1	56.6	57.2	50.1	58.0	51.5	57.8	58.0	50.8	52.8	57.0	55.1	55.2
x	69.6	68.9	71.1	71.0	72.4	73.8	67.8	70.3	69.5	75.1	69.8	78.0

Avg Min Max



Point Loma Influent 2004 Total Dissolved Solids (mg/L)

Point Loma Effluent 2004 Total Dissolved Solids (mg/L)



Point Loma Wastewater Treatment Plant 2004 Total Dissolved Solids (mg/L)

	Jan	1	Fe	b	Ma	ır	Ap	or	Ma	У	Jur	ı _	Ju	1	Au	g	Se	р	Oc	t	No	v	De	c
Day	Inf	Eff																						
1	1680	1650	1590	1580	1420	1370	1630	1590	1630	1600	1870	1870	1760	1750	1610	1590	1650	1550	1590	1580	1650	1590	1200	1200
2	1600	1610	1660	1670	1430	1440	1410	1450	1690	1600	1920	1940	1720	1710	1610	1650	1690	1620	1520	1550	1580	1630	1400	1450
3	1540	1590	1580	1620	1480	1450	1440	1410	1640	1610	1950	1950	1740	1710	1810	1730	1520	1550	1540	1590	1570	1570	1440	1450
4	1540	1530	1670	1670	1530	1490	1530	1550	1880	1710	1930	1990	1690	1770	1710	1680	1510	1500	1580	1580	1520	1560	1560	1570
5	1600	1580	1620	1560	1610	1600	1550	1530	1840	1850	1920	1930	1740	1660	1480	1490	1670	1570	1440	1490	1440	1520	1120	1120
6	1610	1600	1670	1610	1510	1510	1620	1580	1750	1770	1840	1880	1740	1700	1540	1470	1660	1670	1710	1670	1510	1560	1490	1500
/	1800	1800	1630	1620	1480	1500	1550	1540	1710	1670	1840	1830	1730	1730	1620	1650	1710	1690	1520	1510	1580	1610	1600	1570
8	1750	1720	1580	1560	1600	1620	1660	1670	1730	1700	1640	1710	1760	1700	1570	1600	1740	1670	1570	1550	1430	1340	1700	1690
9	1540	1570	1560	1600	1570	1510	1650	1600	1640	1640	1760	1700	1540	1530	1480	1500	1680	1510	1520	1560	1550	1560	1520	1470
10	1650	1670	1540	1550	1670	1660	1640	1640	1740	1750	1580	1610	1520	1510	1450	1450	1740	1610	1530	1520	1540	1490	1600	1530
11	1590	1600	1520	1520	1580	1580	1460	1460	1790	1800	1720	1700	1410	1400	1530	1550	1590	1570	1550	1590	1650	1680	1400	1450 1220
12 13	1750 1740	1730 1760	1600 1640	1600 1590	1540 1580	1550 1590	1510 1630	1500 1600	1730 1820	1730 1790	1860 1860	1830 1840	1500 1550	1530 1570	1620 1490	1600 1460	1580 1520	1600 1730	1910 1850	1850 1790	1680 1830	1630 1700	1240 1600	1220
13	1740	1730	1640	1590	1580	1590	1560	1520	1820	1790	1800	1840	1330	1640	1630	1650	1680	1640	1590	1790	1620	1610	1640	1560
14	1650	1750	1710	1520	1670	1660	1500	1520	1780	1720	1850	1840	1540	1470	1620	1630	1780	1720	1540	1540	1620	1690	1640	1610
15	1780	1730	1510	1460	1610	1630	1550	1530	1730	1720	1850	1800	1610	1560	1620	1540	1560	1720	1630	1660	1640	1590	1620	1640
17	1590	1570	1570	1570	1620	1630	1510	1530	1760	1850	1810	1780	1010	1300	1620	1540	1500	1520	1630	1570	1540	1520	1610	1520
17	1650	1640	1670	1690	1670	1610	1510	1320	1830	1790	1800	1790	1480	1450	1570	1540	1590	1610	1720	1680	1570	1320	1380	1420
10	1710	1730	1610	1570	1700	1630	1510	1500	1850	1860	1750	1700	1450	1420	1610	1550	1510	1540	1410	1290	1570	1510	1520	1540
20	1750	1720	1780	1720	1760	1630	1560	1510	1890	1880	1700	1600	1500	1420	1560	1480	1560	1590	1270	1290	1660	1640	1610	1580
20	1800	1740	1590	1600	1540	1580	1550	1520	1920	1930	1680	1660	1570	1610	1560	1530	1510	1480	1540	1410	1380	1250	1620	1630
22	1710	1710	1460	1540	1600	1560	1580	1590	1800	1790	1750	1730	1550	1540	1510	1520	1700	1680	1680	1550	1390	1390	1650	1700
23	1670	1600	1430	1420	1640	1640	1560	1520	1700	1730	1810	1730	1580	1460	1610	1580	1560	1460	1590	1610	1460	1370	1660	1700
24	1730	1710	1600	1610	1640	1620	1500	1520	1720	1720	1720	1660	1680	1610	1610	1570	1440	1520	1710	1700	1050	1030	1620	1680
25	1660	1610	1580	1570	1530	1570	1510	1490	1890	1860	1730	1670	1610	1560	1600	1570	1640	1700	1850	1880	1540	1530	1710	1680
26	1610	1600	1350	1340	1600	1570	1470	1450	1910	1880	1740	1700	1560	1600	1550	1530	1370	1340	1790	1790	1610	1580	1790	1740
27	1650	1580	1430	1410	1440	1430	1500	1550	1990	1980	1750	1730	1890	1740	1610	1550	1550	1520	1320	1420	1530	1520	1630	1650
28	1730	1710	1420	1390	1540	1500	1640	1660	1910	1850	1850	1840	1780	1650	1620	1680	1700	1700	1370	1340	1310	1280	1460	1460
29	1660	1630	1400	1380	1490	1470	1660	1590	1820	1710	1790	1880	1670	1590	1700	1730	1720	1700	1680	1650	1370	1330	1190	1170
30	1770	1740			1450	1480	1690	1670	1770	1740	1790	1750	1670	1640	1690	1730	1620	1570	1620	1680	1420	1380	1460	1420
31	1700	1670			1630	1560			1790	1790			1710	1660	1630	1630			1590	1640			1350	1380
Avg	1676	1659	1579	1559	1569	1553	1555	1538	1790	1770	1796	1784	1612	1590	1595	1581	1610	1590	1592	1584	1527	1504	1517	1513
Min	1540	1530	1350	1340	1420	1370	1410	1390	1630	1600	1580	1600	1010	1330	1450	1450	1370	1340	1270	1290	1050	1030	1120	1120
Max	1800	1800	1780	1720	1760	1660	1690	1670	1990	1980	1950	1990	1890	1770	1810	1730	1780	1730	1910	1880	1830	1700	1790	1740

D. Toxicity Bioassays

Toxicity Testing: Point Loma Ocean Outfall 2004

INTRODUCTION

The City of San Diego conducts aquatic bioassays as required by the City's National Pollutant Discharge Elimination System permit (No. CA0107409 and Order No. R9-2002-0025). The permit was adopted by the California Regional Water Quality Control Board on April 10, 2002. This testing is designed to determine the acute and chronic toxicity of effluent samples collected from the Point Loma Wastewater Treatment Plant. This chapter presents summaries and discussion of toxicity testing conducted in 2004.

Toxicity testing of wastewater effluent measures the bioavailability of toxicants in a complex mixture, accounts for synergistic and antagonistic actions, and integrates any potentially adverse effects of the constituents. Acute and chronic toxicity tests are characterized by the duration of exposure to a toxicant as well as the adverse effect (measured response) produced as the result of exposure to a toxicant. Acute toxicity testing consists of a short-term exposure period, usually 96 hours or less, and the acute effect refers to mortality of the test organism.

Chronic toxicity testing, in the classic sense, refers to long-term exposure of the test organism to a potential toxicant. This may involve exposing the test organism for its entire reproductive life cycle, which may exceed 12 months for organisms such as fish. In general, chronic tests are inherently more sensitive to toxicants than acute tests in that adverse effects are detected at lower toxicant concentrations. The City of San Diego is required to conduct critical/early life stage chronic tests that are intermediate between the acute and chronic toxicity testing protocols discussed above. These test results serve as short-term estimates of chronic toxicity.

MATERIALS & METHODS

Test Material

Twenty-four hour, flow-weighted, composite effluent samples were collected at the Point Loma Wastewater Treatment Plant and stored at 4° C until test initiation. All tests were initiated within 36 hours of sample collection. Dilution water for the acute topsmelt and mysid tests consisted of the same receiving water used in the chronic toxicity tests.

Acute toxicity testing was conducted semi-annually and chronic testing was conducted monthly in 2004. The protocols for both types of bioassays specify the use of unimpacted receiving water as dilution water. Receiving water was collected at water quality station B8 (see City of San Diego 2003) and used within 96 hours of collection. The receiving water samples were collected from a depth of 2 m and stored at 4° C until test initiation. Dilution water for reference toxicant testing was obtained from the Scripps Institution of Oceanography (SIO). Detailed methodology for all toxicity testing is described in the City Bioassay Lab Quality Assurance Manual. (City of San Diego 2000).

Acute Bioassays

Topsmelt Survival Bioassay

Topsmelt acute bioassays were conducted in accordance with USEPA protocol EPA/600/4-90/027F (USEPA 1993). Larval *Atherinops affinis* (9-14 days old) were purchased from Aquatic Bio Systems (Fort Collins, CO), and were exposed for 96 hours in a static-renewal system to 3.83, 7.75, 15.5, 31.0, and 62% effluent (nominal): test solutions were renewed at 48 hours.

Simultaneous reference toxicant testing was performed using reagent grade copper chloride. Test concentrations consisted of 56, 100, 180, 320, and 560 μ g/L copper. Dilution water for reference toxicant testing was obtained from SIO, filtered, held at 4° C, and used within 96 hours of collection. Upon conclusion of the exposure period, percent survival was recorded. Tests were declared valid if control mortality did not exceed 10%. The data were analyzed using a multiple comparison procedure and point estimation method prescribed by USEPA (1993). ToxCalc software (Tidepool Scientific Software 2002) was used for all statistical analyses.

Mysid Survival Bioassay

Mysid acute bioassays were conducted in accordance with USEPA protocol EPA/600/4-90/027F (USEPA 1993). Larval *Mysidopsis bahia* (4-5 days old) were purchased from Aquatic Bio Systems (Fort Collins, CO), and were exposed for 96 hours in a static-renewal system to 3.83, 7.75, 15.5, 31.0, and 62% effluent (nominal): test solutions were renewed at 48 hours.

Simultaneous reference toxicant testing was performed using reagent grade copper chloride. Test concentrations consisted of 56, 100, 180, 320, and 560 μ g/L copper. Dilution water for reference toxicant testing was obtained from SIO filtered, held at 4° C, and used within 96 hours of collection. Upon conclusion of the exposure period, percent survival was recorded. Tests were declared valid if control mortality did not exceed 10%. The data were analyzed using a multiple comparison procedure and point estimation method prescribed by USEPA (1993). ToxCalc software (Tidepool Scientific Software 2002) was used for all statistical analyses.

Chronic Bioassays

Kelp Germination and Growth Test

Chronic bioassays using the giant kelp, *Macrocystis pyrifera*, were conducted in accordance with USEPA protocol EPA/600/R-95/136 (USEPA 1995). Kelp zoospores were kept in a static system and exposed for 48 hours to a series of effluent and reference toxicant concentrations. Zoospores were obtained one day prior to test initiation from the reproductive blades (sporophylls) of adult *Macrocystis* plants collected in the kelp beds near La Jolla, California.

Simultaneous reference toxicant testing was performed using reagent grade copper chloride. The concentrations of copper in the exposure series were 5.6, 10, 18, 32, 56, 100, and 180 μ g/L. A reference toxicant control consisting of SIO dilution water was also tested. Upon conclusion of the exposure period, percent germination and germ-tube length were recorded.

The data were analyzed in accordance with "Flowchart for statistical analysis of giant kelp, *Macrocystis pyrifera*, germination data" and "Flowchart for statistical analysis of giant kelp, *Macrocystis pyrifera*, growth data" (see USEPA 1995). ToxCalc software (Tidepool Scientific Software 2002) was used for all statistical analyses.

Red Abalone Development Bioassay

Chronic bioassays using the red abalone, *Haliotis rufescens*, were conducted in accordance with USEPA protocol EPA/600/R-95/136 (USEPA 1995). Test organisms were purchased from Cultured Abalone (Goleta, California), and shipped via overnight delivery to the City's bioassay laboratory. Mature male and female abalone were placed in natural seawater tanks at 15° C. Prior to test initiation, spawning was induced and abalone eggs and sperm were retained for the analysis. Subsequently, the eggs were fertilized, and a known quantity of fertilized embryos was added to each test replicate at the beginning of the 48-hour exposure period.

Simultaneous reference toxicant testing was performed using reagent grade zinc sulfate. The concentrations of zinc in the exposure series were 10, 18, 32, 56, and 100 μ g/L. A reference toxicant control consisting of SIO dilution water was also tested. Upon conclusion of the exposure period, percent normal embryo development was recorded.

The percentage of normally developed embryos for each replicate was arcsine square root transformed. The data were analyzed in accordance with "Flowchart for statistical analysis of red abalone *Haliotis rufescens*, development data" (see USEPA 1995). ToxCalc software (Tidepool Scientific Software 2002) was used for all statistical analyses.

RESULTS & DISCUSSION

Acute Bioassays

The City conducted acute bioassays in January 2004 using both the topsmelt *Atherinops affinis* and the mysid *Mysidopsis bahia* as test organisms in accordance with Order No. R9-2002-0025. These results were used in conjunction with the results from the January and July 2003 acute screening events to select the most sensitive species. Based on the findings from all three events, the City elected to use the mysid for all subsequent acute toxicity testing. In July, the City conducted the second and final semi-annual acute bioassay using the mysid. All acute bioassays met the test acceptability criterion of >90% control survival and all tests demonstrated complete compliance with permit standards (Table T.1).

Chronic Bioassays

Chronic bioassays on effluent samples were conducted monthly using both kelp and abalone, since the giant kelp has been the most sensitive species historically, and the red abalone remains ecologically important to the region.

The results from all 2004 giant kelp and red abalone bioassays are summarized in Table T.2. All tests met the acceptability criterion except for the red abalone bioassays conducted in December. Two attempts were made to complete the December 2004 red abalone bioassays. However, due to poor animal quality and lack of alternate animal source, both attempts failed to meet acceptability criterion and were thus declared invalid. All valid chronic bioassays were within compliance limits (Table T.2)

LITERATURE CITED

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- Tidepool Scientific Software. (2002). ToxCalc Toxicity Information Management System Database Software USEPA. (1993). Methods for Measuring Acute Toxicity of Effluents and Receiving Waters to Freshwater and Marine Organisms. Fourth Edition. C.I. Weber (ed). Environmental Monitoring and Support Laboratory, U.S. Environmental Protection Agency, Cincinnati, OH. EPA/600/4-90/027F
- USEPA. (1995). Short-Term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to West Coast Marine and Estuarine Organisms. Chapman, G.A., D. L. Denton, and J.M. Lazorchak (eds). Environmental Monitoring and Support Laboratory, U.S. Environmental Protection Agency, Cincinnati, OH. EPA/600/R-95/136

TABLE T.1

Sample Date	Topsmelt 96-Hour	Mysid 96-Hour
	96-hr Statio	c-Renewal
06-Jan	4.2	5.3
18-Jul	-	3.7
Ν	1	2
lo. in compliance	1	2
Mean TUa	4.2	4.5

Results and compliance summary of acute bioassays conducted during 2004. Data are presented in toxic unit acute (TUa) values. The California Ocean Plan compliance limit is 6.5 TUa.

TABLE T.2

Results of chronic toxicity testing of Point Loma Wastewater Treatment Plant effluent from January through December 2004. Data are presented in toxic unit chronic (TUc) values. NPDES permit limit is 205 TUc. N.V. = Not valid

	Gi	ant Kelp	Red Abalone
Sample Date	Germination	Development	Development
06-Jan	64	114	64
17-Feb	64	64	64
15-Mar	64	64	64
04-Apr	64	64	64
05-May	64	64	64
06-Jun	64	114	64
06-Jul	-	-	64
15-Jul	64	64	-
02-Aug	64	64	64
07-Sep	64	64	64
05-Oct	64	64	64
04-Nov	64	64	64
07-Dec	64	64	N.V.
26-Dec	-	-	N.V.
N	12	12	11
No. in compliance	12	12	11
Mean TUc	64	72	64

E. 6-Year Tables.

Results of the determination of selected parameters on a weekly basis for the past 6-years.

								the det	crimati	1011 01 30		NIC (ug/L)		VCCRIY	34313 101	the past	. o-ycars	•						
		JAN		FEB		MAR		APR		MAY		JUN				AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff										
1	1.5	0.8	1.8	1	1.4	0.8	1.3	0.8	1.3	0.9	1.7	1	1.6	1.1	1.7	1.1	1.8	1.1	1.9	1.5	1.5	0.7	1.7	0.9
2	1.6	0.8	1.7	0.8	1.6	0.9	1.6	1	1.6	0.9	1.9	1.2	2 ^{JUL}	1.2	2	1.1	1.7	1.1	1.6	1.2	1.9	1	1.5	1
3	1.6	0.9	1.6	0.8	1.4	0.8	1.7	0.7	1.5	1.2	1.5	1	1.6	1.1	1.9	1.1	1.8	1.2	2.1	1.4	2	1.2	1.2	1
4			1.7	1.1	2.9	1.3	2	1.1			1.5	1	1.5	1.4	1.7	1.1	1.4	1	2.1	1			1.1	0.9
Avg	1.6	0.8	1.7	0.9	2	1.3	1.7	0.9	1.5	1	1.6	1.1	1.7	1.2	1.8	1.1	1.7	1.1	1.9	1.3	1.8	1	1.4	0.9
											ARSE	NIC (ug/L)	2000											
		JAN		FEB		MAR		APR		MAY		JUN				AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff										
1	1.4	0.6	1.6	0.9	1.1	1.2	1.5	0.8	2.1	<0.2	0.3	<0.2	1.2	0.7	1.2	0.9	1.2	1	1.3	1.1	1.6	0.9	1	0.4
2	1.5	0.7	1.4	1	1.2	0.8	1.5	0.9	1.5	<0.2	1.4	1.1	1.5 ^{UL}	0.8	1.1	1	1.3	1	1.3	0.8	1.2	1.1	1.2	0.7
3	1.3	0.8	1.5	1.1	0.9	0.7	1.4	0.9	2.3	0.2	1.1	0.9	1.3	0.8	1	0.7	0.8	0.7	1.4	1	1.3	0.9	1	0.7
4	1.2	0.7	1.4	0.8	1.1	0.6			0.2	0.7	1.5	0.8	1.3	1.2	2.2	1.4			1.5	1.1	0.9	0.8	1.2	0.9
Avg	1.3	0.8	1.5	0.9	1.1	0.8	1.5	0.9	1.5	0.2	1.1	0.7	1.3	0.9	1.8	1.1	1.1	0.9	1.4	1	1.2	0.9	1.1	0.7
											ARSE	NIC (ug/L)	2001											
		JAN		FEB		MAR		APR		MAY		JUN				AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff										
1	1.1	0.7	1.3	0.8	1.3	1	0.9	<0.2	1.2	0.8	4.3	1	1.2	0.7	1.6	1.1	1.6	1.1	2	0.9	1	1.1	1.7	0.9
2	1.5	0.8	1.5	0.9	0.7	1	0.7	0.5	1.2	1	1.1	0.7	1.1 ^{UL}	0.7	1.4	0.9	0.7	1.2	1	0.3	1.7	1.1	1.3	0.6
3	0.8	0.6	0.9	0.6	1.1	<0.2	1.1	0.6	1	1	1.4	1	1.3	0.9	1.6	1.1	1.4	0.8	1.1	1	1.8	1.1	1.1	0.8
4	1.4	1			0.6	0.4	0.8	0.4	1.2	0.8	1.4	1			1.5	1.1	0.6	0.2	1.5	1.1	1.5	0.9	1.4	0.8
Avg	1.2	0.8	1.2	0.8	0.9	0.6	0.9	0.4	1.1	0.9	2.1	0.9	1.2	0.8	1.5	1.1	1.1	0.8	1.4	0.8	1.5	1	1.3	0.8
											ARSE	NIC (ug/L)	2002											
		JAN		FEB		MAR		APR		MAY		JUN				AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff										
1	0.88	0.65	1.4	0.89	1.1	0.62	1.6	1.54	1.2	1.14	1.74	0.98	2.31	1.89	1.23	1.17	1.73	1.72	1.86	1.52	1.87	1.56	1.29	0.91
2	1.33	0.84	1.72	0.92	1.16	0.9	0.99	0.57	1.83	1.34	1.53	0.9	2.96L	2.34	2.76	2.25	2.18	1.95	1.06	0.74	1.88	1.58	2.73	2.36
3	1.21	1.09	1.05	0.65	0.61	0.69	1.57	1.59	2.34	1.56	2.84	2.74	2.65	1.74	2.13	1.14	1.87	1.55	1.86	1.74	1.12	0.75	1.53	1.02
4			1.38	1.13	0.72	0.82	1.14	0.66	4 70	4.05	1.44	1.06	1.83	1.46	2.81	1.87	1.2	0.81	2.33	2.41 1.6	1 (0	1.0	1.52	0.76
Avg	1.14	0.86	1.39	0.9	0.9	0.76	1.33	1.09	1.79	1.35	1.89	1.42	2.44	1.86	2.23	1.61	1.75	1.51	1.78	1.0	1.62	1.3	1.77	1.26
											ARSE	NIC (ug/L)	2003											
		JAN		FEB		MAR		APR		MAY		JUÑ				AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff										
1	1.00	0.75	1.30	0.69	1.37	0.86	1.04	0.55	2.49	2.44	2.03	1.32	0.72	<0.40	1.87	1.84	1.56	1.72	1.13	0.86	1.06	0.62	1.84	2.10
2	1.89	1.27	2.12	1.30	3.06	0.70	2.26	2.07	1.99	1.37	1.91	1.38	0.86L	0.76	1.66	1.86	1.22	1.01	1.55	0.98	2.77	2.06	0.92	0.72
3 4	1.00 1.77	0.48 1.10	1.79 1.99	1.53 1.03	1.60	0.93	2.78 1.71	1.78 1.83	2.98 1.83	2.16 1.35	0.99 1.76	0.64 1.34	0.97 1.28	0.59 1.24	1.47 0.76	1.62 0.79	2.82	2.13	1.68 2.19	1.48 2.10	1.22 0.88	1.11 0.67	1.57 1.97	1.70 1.93
4 Avg	1.42	0.90	1.80	1.03	2.01	0.83	1.71	1.83	2.32	1.83	1.67	1.17	0.96	0.65	1.44	1.53	1.87	1.62	1.64	1.36	1.48	1.12	1.58	1.93
Avy	1.42	0.90	1.00	1.14	2.01	0.65	1.90	1.50	2.32	1.03	1.07	1.17	0.90	0.05	1.44	1.05	1.07	1.02	1.04	1.50	1.40	1.12	1.00	1.01
											ARSE	NIC (ug/L)	2004											
		JAN		FEB		MAR		APR		MAY		JUN		_		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff										
1	1.05	0.84	1.00	0 (0	1.42	0.84	1.45	1.38	1.93	2.36	1.09	1.11	1.40 0.96 JL	1.04	0.83	<0.40	2.24	1.06	1.32	0.86	1.56	0.91	2.18	1.25
2	2.13	1.32	1.20	0.68	2.15	1.44	1.07	0.51	1.10	1.45	1.90	1.28	0.99	0.63	0.62	NA 1 29	1.70	1.42	1.31	1.27	1.09	0.68	1.59	1.28
3 4	2.05 2.30	1.88 1.70	0.77 2.57	ND 1.29	2.16 0.99	1.89 0.46	1.83 1.49	1.32 0.90	1.41 1.25	0.88 1.37	1.84 2.06	1.20 1.22	1.26	0.89	1.75 1.64	1.38 1.24	1.02 1.29	0.69 1.17	2.73 3.68	1.76 1.82	1.36 0.96	0.99 0.72	1.71 1.92	1.57 0.88
Avg	1.88	1.44	1.51	0.66	1.68	1.16	1.47	1.03	1.42	1.52	1.72	1.22	1.20	0.85	1.04	0.87	1.56	1.09	2.26	1.43	1.24	0.83	1.85	1.25
, wy	1.00	1.44	1.01	0.00	1.00	1.10	1.40	1.05	1.74	1.52	1.74	1.20	1.44	0.00	1.41	0.07	1.00	1.07	2.20	1.45	1.27	0.00	1.05	1.20

											CADMIU	M (ug/L)	1999											
		JAN		FEB		MAR		APR		MAY		JUN				AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff <1.0	Inf 1.3	Eff	Inf <1.0	Eff <1.0	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff 1.2	Inf <1.0	Eff <1.0	Inf	Eff	Inf <1.0	Eff <1.0	Inf	Eff
1	<1.0 <1.0	<1.0 <1.0	<1.0 <1.0	<1.0 <1.0	1.3 <1.0	<1.0 <1.0	<1.0 1.2	<1.0 <1.0	<1.0 <1.0	<1.0 <1.0	<1.0 <1.0	<1.0 <1.0	<1 _0 ال€ <1.0	<1.0 <1.0	1.2 <1.0	1.2 <1.0	<1.0 <1.0	<1.0 <1.0	<1.0 <1.0	<1.0 <1.0	<1.0 <1.0	<1.0 <1.0	1.2 1.3	<1.0 <1.0
3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.4	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
4			<1.0	<1.0	<1.0	<1.0	<1.0	<1.0			<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0			<1.0	<1.0
Avg	<1.0	<1.0	<1.0	<1.0	0.3	<1.0	0.6	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.3	0.3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.6	<1.0
											CADMIU	M (ug/L)	2000											
		JAN		FEB		MAR		APR		MAY		JUN				AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff										
1	1	1.1	1.7	<1.0	1	<1.0	<1.0	<1.0	1.2	<1.0	<1.0	<1.0	<1j0jL	<1.0	<1.0	<1.0	<1.0	1.6	1.3	<1.0	1.6	<1.0	<1.0	<1.0
23	1.1 1.2	<1.0 <1.0	<1.0 1	<1.0 <1.0	<1.0 2	<1.0 <1.0	<1.0 <1.0	<1.0 <1.0	1 <1.0	<1.0 <1.0	<1.0 <1.0	<1.0 <1.0	<1.0 <1.0	<1.0 1.6	1.5 1.4	1.5 <1.0	<1.0 1.3	<1.0 <1.0	1.7 <1.0	<1.0 <1.0	1.4 1.2	<1.0 <1.0	<1.0 2.8	<1.0 <1.0
4	1.2	<1.0	، <1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	14.6	<1.0	<1.0	<1.0	<1.0	<1.0	1.5	<1.0	<1.0	1.4	<1.0	<1.0	<1.0	<1.0
Avg	1.3	0.3	0.7	<1.0	0.8	<1.0	<1.0	<1.0	<1.0	<1.0	3.7	<1.0	<1.0	0.4	0.7	0.4	0.4	0.5	0.8	0.4	<1.0	<1.0	0.7	<1.0
												M (ug/L)	2001											
		JAN		FEB		MAR		APR		MAY	CADIMIO	JUN	2001			AUG		SEP		ост		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff										
1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.5	<1.0	<1.0	<1.0	<1,0j	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
2	<1.0	<1.0	2.8	<1.0	<1.0	2.2	1.3	<1.0	2.8	<1.0	2.2	<1.0	<1.0	<1.0	2.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
3	<1.0	2.5	2.6	<1.0	<1.0	<1.0	<1.0	<1.0	3.7	2.8	<1.0	<1.0	<1.0	<1.0	1.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
4	<1.0 <1.0	<1.0 0.6	1.8	<1.0	<1.0 <1.0	2.3	1.4 0.7	<1.0 <1.0	2.5 2.6	<1.0 0.7	1.8 1	1.3 0.3	<1.0	<1.0	2.8	0.3	<1.0 <1.0	<1.0 <1.0	<1.0 <1.0	<1.0 <1.0	<1.0 <1.0	1.4 0.4	<1.0 <1.0	<1.0 <1.0
Avg	<1.0	0.0	1.0	<1.0	<1.0	1.1	0.7	<1.0	2.0	0.7	1	0.5	<1.0	<1.0	1.0	0.3	<1.0	<1.0	<1.0	<1.0	<1.0	0.4	<1.0	<1.0
											CADMIU	M (ug/L)	2002							0.0 T				550
Mook	Inf	JAN Eff	Inf	FEB Eff	Inf	MAR Eff	Inf	APR Eff	Inf	MAY	Inf	JUN	Inf	Гff	Inf	AUG Eff	Inf	SEP Eff	Inf	OCT Eff	Inf	NOV	Inf	DEC
Week 1	Inf 1.3	<1.0	Inf <1.0	<1.0	Inf 2.5	<1.0	Inf 2.1	<1.0	Inf <1.0	Eff <1.0	Inf 1.3	Eff 1.6	Inf 2.JUL	Eff <1.0	Inf <1.0	<1.0	Inf <1.0	<1.0	Inf <1.0	<1.0	Inf <1.0	Eff <1.0	Inf 1.9	Eff <1.0
2	1.5	<1.0	<1.0	<1.0	<1.0	<1.0	1.3	<1.0	<1.0	<1.0	<1.0	<1.0	2.1 [∠] .40L	<1.0	<1.0	3.8	<1.0	<1.0	<1.0	<1.0	1.4	1.6	<1.9	<1.0
3	1	<1.0	<1.0	<1.0	<1.0	<1.0	1.6	<1.0	<1.0	<1.0	1.2	<1.0	2.2	<1.0	1.5	2.4	<1.0	<1.0	1	<1.0	1.2	1.8	1.7	<1.0
4			1.5	<1.0	<1.0	<1.0	2.5	1.8			<1.0	<1.0	<1.0	3.4	<1.0	4.5	<1.0	<1.0	1.1	<1.0			<1.0	<1.0
Avg	1.3	<1.0	<1.0	<1.0	<1.0	<1.0	1.9	<1.0	<1.0	<1.0	0.6	<1.0	1.6	<1.0	<1.0	2.7	<1.0	<1.0	<1.0	<1.0	<1.0	1.1	<1.0	<1.0
		JAN		FEB		MAR		APR		MAY	CADMIU	M (ug/L) JUN	2003			AUG		SEP		ОСТ		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff										
1	ND	ND	ND	ND	ND	1.3	<1.0	ND	ND	ND	ND	ND	2.AUL	1.0	ND	ND	1.5	ND	ND	ND	ND	1.4	ND	ND
2	<1.0	<1.0	ND	ND	ND	ND	ND	ND	1.6	ND	ND	ND	<1.0	ND	ND	ND	<1.0	ND	2.0	ND	ND	ND	ND	ND
3	2.5	2.8	ND	ND	<1.0	2.2	ND	ND	2.5	ND	<1.0	ND	ND	<1.0	ND	ND	ND	ND	1.0	ND	ND	ND	ND	ND
4	<1.0	2.0	1.4	ND			ND	ND	ND	ND	1.8	ND	ND	ND	ND	ND			ND	ND	ND	1.1	ND	1.3
Avg	0.6	1.2	0.4	ND	0.0	1.2	0.0	ND	1.0	ND	0.5	ND M (ug (L)	0.6	0.3	ND	ND	0.5	ND	0.8	ND	ND	0.6	ND	0.3
		JAN		FEB		MAR		APR		MAY	CADIVITU	M (ug/L) JUN	2004			AUG		SEP		ОСТ		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff										
1	1.2	ND			ND	ND	ND	ND	1.1	1.0	0.2	0.2	0.AUL	0.3	0.4	ND	0.7	0.4	0.5	ND	0.2	ND	0.3	ND
2	ND	1.5	ND	1.5	ND	ND	ND	ND	ND	ND	0.5	ND	0.5	ND	0.6	0.4	0.8	0.4	0.4	ND	0.3	ND	0.4	ND
3	ND	ND	2.0	ND	ND	ND	ND	ND	1.1	<1.0	0.4	ND			0.7	0.5	0.5	0.4	0.7	0.3	0.3	ND	0.4	ND
4	ND	<1.0	2.1	<1.0	ND	ND	ND	ND	ND	ND	1.0	0.3	0.5	< 0.2	1.1	0.5	0.6	0.2	0.5	0.4	0.2	ND	0.2	ND
Avg	0.3	0.4	0.4	0.5	ND	ND	ND	DN	0.6	0.3	0.5	0.1	0.5	0.1	0.7	0.4	0.7	0.4	0.5	0.2	0.3	ND	0.3	ND

											CHROM	IUM (ug/	'L) 1999											
		JAN		FEB				APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	65	<5	8	<5	1MAR	<5	<5	<5	<5	<5	8	<5	7	<5	10	6	<5	<5	<5	<5	<5	<5	<5	<5
2	13	<5	17	<5	9	6	<5	<5	<5	<5	12	<5	<5	<5	14	<5	8	8	<5	<5	<5	<5	7	<5
3	10	<5	12	<5	13	<5	<5	<5	8	<5	11	<5	5	<5	9	<5	<5	<5	<5	<5	<5	<5	7	<5
4	20	-	9	<5 <5	10 13	<5 2	<5 <5	<5 <5	2	-	6	<5 <5	<5 3	<5 <5	14 12	7	<5 2	<5 2	<5 <5	<5 <5	<5	<5	7	<5 <5
Avg	29	<5	11	<5	13	2	<5	<5	3	<5	9 СЦРОМ	<5 IUM (ug/		<5	12	3	2	2	<5	<5	<5	<5	5	<5
		JAN		FEB				APR		MAY	CHROW	JUN (ug/	L) 2000	JUL		AUG		SEP		ОСТ		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	6	<5	<5	<5	<mar< td=""><td><5</td><td>14</td><td><5</td><td>11</td><td><5</td><td>12</td><td><5</td><td><5</td><td><5</td><td>6</td><td><5</td><td>8</td><td><5</td><td>7</td><td><5</td><td>6</td><td><5</td><td>15</td><td><5</td></mar<>	<5	14	<5	11	<5	12	<5	<5	<5	6	<5	8	<5	7	<5	6	<5	15	<5
2	8	<5	<5	<5	<5	<5	7	<5	9	<5	7	<5	<5	<5	<5	<5	11	<5	13	<5	9	<5	16	<5
3	10	<5	8	<5	<5	<5	7	<5	9	<5	8	<5	<5	30	9	<5	11	<5	7	<5	<5	<5	16	9
4	<5	<5	<5	<5	<5	<5			13	<5	10	<5	<5	<5	7	<5			<5	<5	<5	<5	17	7
Avg	6	<5	2	<5	<5	<5	9	<5	10	<5	9	<5	<5	7	6	<5	10	<5	7	<5	<5	<5	16	4
											CHROM	IUM (ug/	′L) 2001											
		JAN		FEB				APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	15	32	16	12	<mar< td=""><td><5</td><td><5</td><td><5</td><td>11</td><td><5</td><td>8</td><td><5</td><td><5</td><td><5</td><td>5</td><td><5</td><td>14</td><td><5</td><td>8</td><td><5</td><td>15</td><td><5</td><td><5</td><td><5</td></mar<>	<5	<5	<5	11	<5	8	<5	<5	<5	5	<5	14	<5	8	<5	15	<5	<5	<5
2	9	9	<5	<5	9	<5	<5	<5	<5	<5	11	<5	12	<5	6	<5	7	<5	<5	<5	<5	<5	<5	<5
3 4	<5 16	8 21	<5	<5	7 11	<5 6	<5 <5	<5 <5	11 6	<5 <5	9 <5	<5 6	11	<5	<5 <5	<5 <5	<5 6	<5 <5	6 8	<5 <5	<5 <5	<5 <5	<5 <5	<5 <5
	10	18	5	4	7	2	<5	<5	7	<5	7	1	8	<5	3	<5	7	<5	<5	<5	4	<5	<5	<5
Avg		10	J	4	/	2	<5	<0	/	<5	1	1	0	<5	5	<5	/	<2	<5	<5	4	<5	<5	<5
											CHROM	IUM (ug/	′L) 2002											
		JAN		FEB				APR		MAY		JUN	,	JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	6.3	<5	<5	<5	6.MAAR	<5	<5	<5	<5	<5	9.1	<5	<5	<5	<5	<5	<5	<5	<5	<5	9.3	<5	8.3	<5
2	8.3	<5	<5	<5	7.4	<5	9.7	<5	<5	<5	7.8	<5	8.9	7.2	8	<5	<5	<5	<5	<5	6.5	<5	7.2	<5
3	5.4	<5	<5	<5	<5	<5	7.1	<5	8.8	<5	13.7	<5	6.8	<5	<5	<5	<5	<5	<5	<5	<5	<5	6.1	<5
4		-	6	<5	<5	<5	<5	<5			6.7	<5	<5	<5	11.4	<5	<5	<5	<5	<5	F 0	-	<5	<5
Avg	6.7	<5	<5	<5	<5	<5	<5	<5	<5	<5	9.3	<5	<5	<5	<5	<5	<5	<5	<5	<5	5.3	<5	5.4	<5
											СПРОМ	IUM (ug/	1) 2003											
		JAN		FEB				APR		MAY	CHINOIM	JUN	L) 2003	JUL		AUG		SEP		ОСТ		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	ND	<5.0	17.3	ND	8.MAR	ND	6.1	ND	10.0	<5	<5.0	<5.0	<5.0	ND	11.8	7.5	ND	ND	8.1	5.7	ND	ND	ND	ND
2	<5.0	ND	6.1	ND	6.5	ND	6.9	ND	<5.0	ND	<5.0	<5.0	6.0	<5.0	10.5	<5.0	ND	ND	5.2	ND	6.7	ND	14.2	ND
3	20.1	ND	7.9	ND	6.8	ND	ND	<5.0	5.9	ND	8.7	ND	11.5	13.6	<5.0	<5.0	ND	ND	ND	ND	5.8	9.6	9.5	ND
4	9.2	ND	<5.0	ND			20.7	ND	8.2	ND	<5.0	ND	9.5	<5.0	13.4	<5.0			ND	ND	ND	ND	8.9	<5.0
Avg	7.3	0.0	7.8	ND	7.1	ND	8.4	0.0	6.0	ND	2.2	0.0	6.8	3.4	8.9	1.9	ND	ND	3.3	1.4	3.1	2.4	8.2	0.0
											CHROM	IUM (ug/	'L) 2004							0.0 T				550
Mook	Inf	JAN Eff	Inf	FEB	Inf	Ltt	Inf	APR Eff	Inf	MAY	Inf	JUN	Inf	JUL	Inf	AUG	Inf	SEP Eff	Inf	OCT Eff	Inf	NOV Eff	Inf	DEC
Week 1	Inf 10.4	Eff ND	Inf	Eff	Inf N M AR	Eff ND	Inf 5.5	ND	Inf ND	Eff ND	Inf 5.8	Eff 2.0	Inf 16.4	Eff 2.7	Inf 7.5	Eff 4.3	Inf 5.6	2.0	Inf 5.7	1.4	Inf 6.5	0.9	Inf 5.6	Eff 2.1
2	10.4 ND	ND	7.1	ND	NMAR 7.2	ND	5.5 13.8	ND	иD 19.1	ND	5.8 12.0	2.0 1.7	16.4 7.9	2.7 1.9	7.5 17.5	4.3 20.6	5.0 4.5	2.0 4.3	5.7 9.2	1.4 2.5	o.5 6.1	0.9 1.8	5.6 7.8	2.1
2	ND	ND	10.3	ND	6.3	ND	16.5	ND	ND	ND	12.0	1.7	1.7	1.7	17.5	20.8	4.5 5.6	4.3 1.6	9.2 14.4	2.5 4.5	6.1	1.6	7.8 6.0	1.7
4	8.4	ND	6.2	<5.0	ND	ND	ND	ND	ND	11.7	5.5	1.5	6.1	6.1	22.2	2.6	4.5	1.7	5.5	1.8	4.9	1.6	4.5	1.0
Avg	4.6	ND	7.9	0.0	3.4	ND	8.9	ND	4.8	2.9	8.3	1.7	10.1	3.6.4	13.4	11.2	5.1	2.4	8.7	2.6	5.9	1.5	6.0	1.6
				0.0	0.1		5.7				0.0			~ .o . 4			0.1		0.7		0.7		0.0	

											COPPE	R (ug/L) 1999											
		JAN		FEB				APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	96	60	97	98	15%/AR	75	117	46	149	55	103	72	133	64	99	44	118	45	108	75	136	73	93	31
2	119	88	110	40	156	43	88	40	133	45	129	70	133	159	143	24	169	60	104	72	137	53	116	120
3	90	29	91	65	121	40	112	70	246	124	178	45	167	58	107	117	116	34	130	33	142	46	97	31
4			120	66	106	37	82	46			119	33	128	56	96	38	235	155	131	115			112	68
Avg	102	59	105	67	136	49	100	51	176	75	132	55	140	84	111	56	160	74	118	74	138	57	105	63
											COPPE	R (ug/L	2000											
		JAN		FEB				APR		MAY	00111	JUN	2000	JUL		AUG		SEP		ОСТ		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	150	49	158	58	20)4)/AR	47	88	32	215	45	203	95	156	199	156	52	280	74	137	60	209	106	167	155
2	153	60	125	51	154	72	185	29	219	59	139	133	73	213	191	133	192	56	291	66	215	150	135	67
3	115	47	157	73	164	56	198	93	131	41	147	53	210	366	162	48	133	39	217	149	137	83	204	58
4	127	75	107	57	180	79			169	120	250	52	197	98	174	66			201	85	188	147	157	51
Avg	136	58	137	60	176	64	157	51	184	66	185	83	159	219	171	75	202	56	212	90	187	122	166	83
												D (0001											
		JAN		FEB				APR		MAY	COPPE	R (ug/L) JUN	2001	JUL		AUG		SEP		ОСТ		NOV		DEC
Week	Inf	JAN Eff	Inf	Eff	Inf	Eff	Inf	APR Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	193	114	185	98	17M/AR	121	223	99	152	63	165	226	160	90	185	79	253	73	329	63	129	26	196	84
2	202	141	158	205	162	61	168	99 90	178	177	268	69	164	68	327	185	138	70	234	121	129	110	190	84 81
3	194	93	197	157	204	127	100	84	192	163	200	95	178	159	323	174	274	149	122	256	109	94	198	91
4	186	112	.,,	107	165	92	185	88	270	102	131	88	170	107	157	141	197	176	218	91	162	109	185	85
Avg	194	115	180	153	176	100	188	90	198	126	193	120	167	106	248	145	216	117	226	133	142	85	190	85
												R (ug/L												
		JAN		FEB				APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	140	49	126	42	25%)AR	185	156	59	130	39	139	107	174	115	120	39	117	44	127	51	202	38	159	60
2	194	49	223	72	243	45	161	46	190	101	139	76	252	67	144	65	156	219	179	89	199	134	159	89
3	246	83	140	154	144	122	135	45	104	92	143	41	231	29	197	75	119	76	143	78	153	77	143	45
4			140	100	129	63	141	91			147	120	110	82	199	94	92	73	206	49			105	20
Avg	193	60	157	92	195	104	148	60	141	77	142	86	192	73	165	68	121	103	164	67	185	83	142	54
		JAN		FEB				APR		MAY	COPPE	R (ug/L) JUN) 2003	JUL		AUG		SEP		ОСТ		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	111	18	129	16	171%JAR	36	186	42	120	44	125	101	313	175	139	76	244	237	85	54	145	325	107	88
2	146	42	129	81	167	43	149	42 77	132	44	172	48	138	63	218	64	138	81	94	182	145	46	183	237
3	107	52	146	33	156	87	130	69	125	61	159	36	291	79	131	74	115	170	78	51	198	69	372	79
4	98	28	126	35			161	60	162	49	160	57	188	53	156	71			127	21	150	60	107	54
Avg	116	35	127	41	166	55	157	62	135	49	154	61	233	93	161	71	166	163	96	77	164	125	192	115
Ũ											COPPE	R (ug/L) 2004											
		JAN		FEB				APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	144	49			12041AR	40	158	47	107	86	95	54	105	56	93	29	100	43	113	22	116	51	115	27
2	127	61	202	118	140	47	169	44	169	91	125	65	97	28	145	52	124	25	90	30	106	30	123	21
3	118	61	181	24	134	110	133	48	124	17	103	47	0.2	20	127	31	74	29	100	26	99 102	23	146	22
4	131	29	91	51	231	82	134	38	82	19 53	116	32	83	29	144	34	77	28	73	24	103	20	82	23 23
Avg	130	50	158	64	157	70	149	44	121		110	50	95	38	127	37	94	31	94	26	106	31	117	

											LEAD	(ug/L) 1	999											
		JAN		FEB				APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf <18	Eff <18	Inf <18	Eff	Inf	Eff <18	Inf <18	Eff	Inf <18	Eff <18	Inf <18	Eff <18	Inf <18	Eff <18	Inf <18	Eff	Inf <18	Eff <18	Inf <18	Eff <18	Inf <18	Eff <18	Inf <18	Eff <18
2	<18	<18	<18	<18 <18	<1\%AR <18	<18	<18	<18 <18	<18	<18	<18	<18	<18	<18	<18	<18 <18	<18	<18	<18	<18	<18	<18	<18	<18 <18
3	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18
4			<18	<18	<18	<18	<18	<18			<18	<18	26	<18	<18	<18	<18	<18	<18	<18			<18	<18
Avg	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	6	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18
											LEAD	(ug/L) 2	000											
		JAN		FEB				APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	<18 <18	<18 <18	<18 <18	<18 <18	<1₩9AR <18	<18 <18	<18 <18	<18 <18	<18 <18	<18 <18	<18 <18	<18 <18	<18 <18	<18 <18	<18 <18	<18 <18	<18 <18	<18 <18						
3	<18	<18 <18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18
4	<18	<18	<18	<18	<18	<18			<18	<18	<18	<18	<18	<18	<18	<18			<18	<18	<18	<18	<18	<18
Avg	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18
											LEAD	(ug/L) 2	001											
		JAN		FEB				APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	<18	<18	<18	<18	<1\%AR	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18
2	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18 <18	<18	<18	<18	<18
3	<18 <18	<18 <18	<18	<18	<18 <18	<18 <18	<18 <18	<18 <18	<18 <18	<18 <18	<18 <18	<18 <18	<18	<18	<18 <18	<18 <18	<18 <18	<18 <18	<18 <18	<18	<18 <18	<18 <18	<18 <18	<18 <18
Avg	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18
											I FAD	(ug/L) 2	002											
		JAN		FEB				APR		MAY	22/10	JUN	002	JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	<18	<18	<18	<18	<1\%AR	<18	<18	<18	<18	<18	<18	<18	<18	22	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18
2	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18
3	<18	<18	<18 <18	<18 <18	<18 <18	<18 <18	<18 <18	<18 <18	<18	<18	<18 <18	<18 <18	25 <18	<18 <18	<18 <18	<18 <18	<18 <18	<18 <18	<18 <18	<18 <18	<18	<18 <18	<18 <18	<18 <18
4 Avg	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18
Avg				<10	<10	<10													<10					<10
											LEAD	(ug/L) 2	003					055		0 0 .				550
Week	Inf	JAN Eff	Inf	FEB Eff	Inf	Гff	Inf	APR Eff	Inf	MAY Eff	Inf	JUN Eff	Inf	JUL Eff	Inf	AUG Eff	Inf	SEP Eff	Inf	OCT Eff	Inf	NOV Eff	Inf	DEC Eff
1	ND	ND	ND	ND	NPIAR	Eff ND	ND	ND	ND	ND	28.5	ND	ND	ND	ND	ND	<18	ND	ND	ND	ND	ND	ND	ND
2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	20.5 ND	ND	ND	ND	ND	ND	<18	ND	ND	ND	ND	ND	ND	18
3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	21	ND	ND	ND	ND	<18	ND	ND	ND	ND	ND	ND	ND	ND
4	ND	ND	ND	ND			ND	ND	ND	ND	ND	31.5	ND	ND	ND	ND			ND	ND	ND	ND	ND	ND
Avg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	12.4	7.9	ND	ND	ND	0.0	0.0	ND	ND	ND	ND	ND	ND	4.5
		JAN		FEB				APR		MAY	LEAD	(ug/L) 2 JUN	004	JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
	Inf							ND	ND	ND	ND	ND	5.9	ND	3.2	ND	4.5	ND	4	ND	4.2	<1.4	2.8	ND
1	25	ND			NDIAR	ND	ND	ND																
1 2		ND ND	ND	23	N∯AR ND	ND ND	ND	ND	ND	ND	3.6	ND	4.7	ND	4.9	ND	2	ND	5.2	1.9	2.3	ND	ND	ND
3	25 ND ND	ND <18.0	ND	ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND	5	1.9			5.4	ND	2.3	ND	8.7	2	3	ND	ND 3.3	ND ND
	25 ND	ND			ND	ND	ND	ND	ND				4.7 2.8 4.5	ND ND ND									ND	ND

											NICKEI	L (ug/L) 1	1999											
		JAN		FEB		MAR		APR		MAY		JUN				AUG		SEP		ОСТ		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff								
1 2	45 <14	<14 <14	<14 16	<14 <14	<14 <14	<14 <14	20 <14	<14 <14	20 27	<14 <14														
2	<14 <14	<14	<14 <14	<14 <14	<14 <14	<14 <14	<14 <14	<14 <14	<14 <14	<14 <14	<14 <14	<14 <14	<14 <14	27	<14 <14									
4			<14	<14	<14	<14	17	<14	\$11		17	<14	<14	<14	<14	<14	<14	15	<14	<14			<14	29
Avg	15	<14	<14	<14	<14	<14	4	<14	<14	<14	8	<14	<14	<14	5	<14	<14	4	<14	<14	<14	<14	17	7
										NI		(1) 2000												
		JAN		FEB		MAR		APR		MAY	ICKEL (ug	JUN				AUG		SEP		ост		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff								
1	<14	<14	<14	<14	<14	<14	<14	19	15	<14	<14	<14	¹ 9 _{UL}	19	19	<14	<14	<14	15	<14	<14	<14	<14	<14
2	<14	<14	<14	<14	<14	<14	<14	<14	<14	<14	<14	<14	16	19	31	72	<14	<14	30	<14	<14	<14	<14	<14
3	<14	<14	<14	<14	<14	<14	16	<14	19	24	<14	<14	<14	26	34	33	<14	<14	<14	<14	<14	<14	<14	<14
4	<14	<14	<14	<14	<14	16	_		19	<14	15	<14	16	<14	26	<14			<14	<14	<14	<14	<14	<14
Avg	<14	<14	<14	<14	<14	4	5	6	13	6	4	<14	13	16	28	26	<14	<14	11	<14	<14	<14	<14	<14
										NI	ICKEL (ug	j/L) 2001												
		JAN		FEB		MAR		APR		MAY		JUN				AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff								
1	<14	22	17	<14	<14	<14	<14	17	<14	<14	<14	<14	¹⁵ UL	<14	<14	<14	<14	<14	<14	<14	<14	<14	<14	<14
2 3	<14 <14	15 <14	<14 21	<14 <14	<14 <14	29 <14	<14 <14	<14 <14	<14 <14	<14 18	<14 <14													
4	<14 <14	<14 <14	21	<14	<14 <14	<14 <14	<14	<14 <14	<14 <14	<14 <14	<14	<14 <14	<14	<14	<14 <14	<14	<14	<14 <14	<14 <14	<14 <14	<14	<14 <14	<14	<14 <14
Avg	<14	9	13	<14	<14	<14	<14	4	<14	<14	<14	<14	15	<14	<14	<14	5	<14	<14	<14	<14	<14	<14	<14
, i i i i i i i i i i i i i i i i i i i																								
		JAN		FEB		MAR		APR		MAY	NICKEL	L (ug/L) 2 JUN	2002			AUG		SEP		ОСТ		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff								
1	20	<14	<14	<14	<14	<14	<14	<14	<14	<14	<14	<14	<1 _{ful}	<14	<14	<14	<14	<14	<14	<14	<14	<14	<14	<14
2	<14	<14	<14	<14	<14	<14	<14	<14	<14	<14	<14	<14	<14	<14	<14	<14	<14	<14	<14	<14	<14	<14	<14	<14
3	<14	<14	<14	<14	<14	<14	<14	<14	<14	<14	<14	<14	17	<14	<14	<14	<14	<14	<14	<14	<14	<14	<14	<14
4			<14	<14	<14	<14	<14	<14			<14	<14	<14	<14	<14	<14	<14	<14	<14	<14			<14	<14
Avg	<14	<14	<14	<14	<14	<14	<14	<14	<14	<14	<14	<14	<14	<14	<14	<14	<14	<14	<14	<14	<14	<14	<14	<14
		JAN		FEB		MAR		APR		MAY	ICKEL (ug	JUN				AUG		SEP		ОСТ		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff								
1	<14	ND	<14	ND	ND	ND	ND	ND	34	ND	ND	<14	18 _{UL}	ND	ND	ND	<14	ND						
2	ND	<14	ND	16	ND																			
3	ND	ND	<14	ND	<14	ND	<14	<14	ND	ND	<14	ND	<14	18	ND									
4	ND	ND	ND	<14			<14	ND	ND	ND	ND	ND	<14	<14	ND	ND			ND	ND	ND	ND	ND	ND
Avg	0	ND	0	0	0	ND	0	0	9	ND	0 ICKEL (ug	0	9	5	ND	ND	0	ND						
		JAN		FEB		MAR		APR		MAY	CREL (UY	JUN				AUG		SEP		ост		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff								
1	21	ND			ND	ND	ND	ND	ND	ND	9	9	¹ 4 _{UL}	10	11	8	12	8	14	10	15	12	9	6
2	ND	13	8	13	8	21	22	14	9	12	8	11	8	10	7									
3	ND	ND	ND	ND	ND	ND	14	ND	ND	ND	15	7	10	10	14	17	11	9	17	10	10	7	11	6
4	19	22	ND	<14	ND	ND	17	ND	ND	ND	9	8	12	10 9	20	10 14	10	7	13	9	8	6	8	6
Avg	10	6	ND	0	ND	ND	8	ND	ND	ND	12	8	13	9	17	14	12	8	14	9	11	ŏ	10	6

											MERCUI	RY (ug/L)	1999											
\M/= -1.	16	JAN	16	FEB	16	MAR	16	APR	l. f	MAY	l. f	JUN	16	JUL	1-6	AUG	1	SEP	l. f	OCT	1	NOV	1	DEC
Week	Inf <0.27	Eff <0.27	Inf <0.27	Eff <0.27	Inf <0.27	Eff <0.27	Inf <0.27	Eff <0.27	Inf <0.27	Eff <0.27	Inf <0.27	Eff <0.27	Inf <0.27	Eff <0.27	Inf 0.34	Eff <0.27	Inf <0.27	Eff <0.27	Inf <0.27	Eff <0.27	Inf <0.27	Eff <0.27	Inf <0.27	Eff <0.27
2	<0.27 <0.27	<0.27 <0.27	<0.27 <0.27	<0.27 <0.27	<0.27 <0.27	<0.27 <0.27	<0.27 0.54	<0.27 0.44	<0.27 <0.27	<0.27 <0.27	<0.27 <0.27	<0.27 <0.27	<0.27	<0.27 <0.27	0.34	<0.27	<0.27 <0.27	<0.27	<0.27 <0.27	<0.27 <0.27	<0.27	<0.27	<0.27	<0.27
3	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	0.48	<0.27	<0.27	<0.27	0.55	<0.27	<0.27	<0.27	<0.27	<0.27	0.45	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27
4			<0.27	<0.27	<0.27	<0.27	<0.27	<0.27			<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	0.42	<0.27			<0.27	<0.27
Avg	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	0.26	0.11	<0.27	<0.27	0.14	<0.27	<0.27	<0.27	0.19	<0.27	0.11	<0.27	0.11	<0.27	<0.27	<0.27	<0.27	<0.27
											MERCUI	RY (ug/L)	2000											
		JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1 2	<0.27 <0.27	<0.27 <0.27	0.54 <0.27	<0.27 <0.27	<0.27 0.46	<0.27 <0.27	<0.27 <0.27	<0.27 <0.27	0.86 <0.27	<0.27 <0.27	<0.27 <0.27	<0.27 <0.27	0.33 <0.27	<0.27 <0.27	<0.27 <0.27	<0.27 <0.27	<0.27 <0.27	<0.27 <0.27	0.71 <0.27	<0.27 0.27	<0.27 <0.27	<0.27 <0.27	<0.27 <0.27	<0.27 <0.27
2	<0.27	<0.27	<0.27	<0.27	<0.40	<0.27	0.35	<0.27	0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	1.08	<0.27	0.27	<0.27	<0.27	<0.27	<0.27	<0.27
4	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	0100		0.46	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27		10127	<0.27	<0.27	<0.27	<0.27	0.4	<0.27
Avg	<0.27	<0.27	0.14	<0.27	0.12	<0.27	0.12	<0.27	0.43	<0.27	<0.27	<0.27	0.08	<0.27	<0.27	<0.27	0.36	<0.27	0.27	0.07	<0.27	<0.27	0.1	<0.27
											MERCI	RY (ug/L)	2001											
		JAN		FEB		MAR		APR		MAY	MERCO	JUN	2001	JUL		AUG		SEP		ОСТ		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	0.36	<0.27	<0.27	<0.27	0.46	<0.27	0.28	<0.27	0.39	<0.27	<0.27	<0.27	<0.27	<0.27
2	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	0.42	<0.27	0.3	<0.27	<0.27	<0.27	0.34	<0.27	0.39	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27
3	<0.27 <0.27	<0.27 <0.27	<0.27	<0.27	<0.27 <0.27	<0.27 <0.27	<0.27 <0.27	<0.27 <0.27	0.59 0.41	<0.27 <0.27	0.34 0.29	<0.27 <0.27	<0.27	<0.27	<0.27 <0.27	<0.27 <0.27	<0.27 <0.27	<0.27 <0.27	<0.27 <0.27	<0.27 <0.27	0.32 0.47	<0.27 <0.27	<0.27 <0.27	<0.27 <0.27
Avg	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	0.36	<0.27	0.32	<0.27	<0.27	<0.27	0.2	<0.27	0.17	<0.27	0.1	<0.27	0.2	<0.27	<0.27	<0.27
5																								
											MERCU	RY (ug/L)	2002											
Wook	Inf	JAN	Inf	FEB	Inf	MAR	Inf	APR	Inf	MAY		JUN		JUL	Inf	AUG	Inf	SEP	Inf	OCT	Inf	NOV	Inf	DEC
Week	Inf <0.27	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	JUN Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf 0.24	Eff
Week	Inf <0.27 0.31		Inf <0.27 <0.27		Inf <0.27 <0.27		Inf <0.27 <0.27		Inf <0.27 <0.27			JUN			Inf <0.5 <0.5		Inf <0.5 <0.5		Inf <0.5 <0.5		Inf 0.2 0.31		Inf 0.24 <0.09	
1	<0.27	Eff <0.27	<0.27 <0.27 <0.27	Eff <0.27 <0.27 <0.27	<0.27 <0.27 <0.27	Eff <0.27 <0.27 <0.27	<0.27 <0.27 <0.27	Eff <0.27 <0.27 <0.27	<0.27	Eff <0.27	Inf <0.27	JUN Eff <0.27 <0.27 <0.27	Inf <0.5	Eff <0.5	<0.5	Eff <0.5	<0.5	Eff <0.5	<0.5	Eff <0.5	0.2	Eff 0.14	0.24 <0.09 0.2	Eff <0.09
1 2 3 4	<0.27 0.31 0.42	Eff <0.27 <0.27 <0.27	<0.27 <0.27 <0.27 <0.27	Eff <0.27 <0.27 <0.27 <0.27	<0.27 <0.27 <0.27 <0.27	Eff <0.27 <0.27 <0.27 <0.27	<0.27 <0.27 <0.27 <0.27	Eff <0.27 <0.27 <0.27 <0.27	<0.27 <0.27 <0.27	Eff <0.27 <0.27 <0.27	Inf <0.27 <0.27 <0.27 <0.27	JUN Eff <0.27 <0.27 <0.27 <0.27 <0.27	Inf <0.5 <0.5 <0.5 <0.5	Eff <0.5 <0.5 <0.5 <0.5	<0.5 <0.5 <0.5 <0.5	Eff <0.5 <0.5 <0.5 <0.5	<0.5 <0.5 <0.5 <0.5	Eff <0.5 <0.5 <0.5 <0.5	<0.5 <0.5 <0.5 <0.5	Eff <0.5 <0.5 <0.5 <0.5	0.2 0.31 0.32	Eff 0.14 0.1 <0.09	0.24 <0.09 0.2 0.09	Eff <0.09 <0.09 <0.09 <0.09
1 2 3	<0.27 0.31	Eff <0.27 <0.27	<0.27 <0.27 <0.27	Eff <0.27 <0.27 <0.27	<0.27 <0.27 <0.27	Eff <0.27 <0.27 <0.27	<0.27 <0.27 <0.27	Eff <0.27 <0.27 <0.27	<0.27 <0.27	Eff <0.27 <0.27	Inf <0.27 <0.27 <0.27	JUN Eff <0.27 <0.27 <0.27	Inf <0.5 <0.5 <0.5	Eff <0.5 <0.5 <0.5	<0.5 <0.5 <0.5	Eff <0.5 <0.5 <0.5	<0.5 <0.5 <0.5	Eff <0.5 <0.5 <0.5	<0.5 <0.5 <0.5	Eff <0.5 <0.5 <0.5	0.2 0.31	Eff 0.14 0.1	0.24 <0.09 0.2	Eff <0.09 <0.09 <0.09
1 2 3 4	<0.27 0.31 0.42	Eff <0.27 <0.27 <0.27	<0.27 <0.27 <0.27 <0.27	Eff <0.27 <0.27 <0.27 <0.27	<0.27 <0.27 <0.27 <0.27	Eff <0.27 <0.27 <0.27 <0.27	<0.27 <0.27 <0.27 <0.27	Eff <0.27 <0.27 <0.27 <0.27	<0.27 <0.27 <0.27	Eff <0.27 <0.27 <0.27	Inf <0.27 <0.27 <0.27 <0.27 <0.27	JUN Eff <0.27 <0.27 <0.27 <0.27 <0.27 <0.27	Inf <0.5 <0.5 <0.5 <0.5 <0.5	Eff <0.5 <0.5 <0.5 <0.5	<0.5 <0.5 <0.5 <0.5	Eff <0.5 <0.5 <0.5 <0.5	<0.5 <0.5 <0.5 <0.5	Eff <0.5 <0.5 <0.5 <0.5	<0.5 <0.5 <0.5 <0.5	Eff <0.5 <0.5 <0.5 <0.5	0.2 0.31 0.32	Eff 0.14 0.1 <0.09	0.24 <0.09 0.2 0.09	Eff <0.09 <0.09 <0.09 <0.09
1 2 3 4	<0.27 0.31 0.42	Eff <0.27 <0.27 <0.27	<0.27 <0.27 <0.27 <0.27	Eff <0.27 <0.27 <0.27 <0.27	<0.27 <0.27 <0.27 <0.27	Eff <0.27 <0.27 <0.27 <0.27	<0.27 <0.27 <0.27 <0.27	Eff <0.27 <0.27 <0.27 <0.27	<0.27 <0.27 <0.27	Eff <0.27 <0.27 <0.27	Inf <0.27 <0.27 <0.27 <0.27 <0.27	JUN Eff <0.27 <0.27 <0.27 <0.27 <0.27	Inf <0.5 <0.5 <0.5 <0.5 <0.5	Eff <0.5 <0.5 <0.5 <0.5	<0.5 <0.5 <0.5 <0.5	Eff <0.5 <0.5 <0.5 <0.5	<0.5 <0.5 <0.5 <0.5	Eff <0.5 <0.5 <0.5 <0.5	<0.5 <0.5 <0.5 <0.5	Eff <0.5 <0.5 <0.5 <0.5	0.2 0.31 0.32	Eff 0.14 0.1 <0.09	0.24 <0.09 0.2 0.09	Eff <0.09 <0.09 <0.09 <0.09
1 2 3 4	<0.27 0.31 0.42 <0.27	Eff <0.27 <0.27 <0.27 <0.27 JAN Eff	<0.27 <0.27 <0.27 <0.27 <0.27	Eff <0.27 <0.27 <0.27 <0.27 <0.27 FEB Eff	<0.27 <0.27 <0.27 <0.27 <0.27	Eff <0.27 <0.27 <0.27 <0.27 <0.27 MAR Eff	<0.27 <0.27 <0.27 <0.27 <0.27	Eff <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 APR Eff	<0.27 <0.27 <0.27 0.27	Eff <0.27 <0.27 <0.27 <0.27 <0.27 MAY Eff	Inf <0.27 <0.27 <0.27 <0.27 <0.27 MERCUI	JUN Eff <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 RY (ug/L) JUN Eff	Inf <0.5 <0.5 <0.5 <0.5 <0.5 2003 Inf	Eff <0.5 <0.5 <0.5 <0.5 <0.5	<0.5 <0.5 <0.5 <0.5 <0.5	Eff <0.5 <0.5 <0.5 <0.5 <0.5 <0.5	<0.5 <0.5 <0.5 <0.5 <0.5	Eff <0.5 <0.5 <0.5 <0.5 <0.5 <0.5	<0.5 <0.5 <0.5 <0.5 <0.5	Eff <0.5 <0.5 <0.5 <0.5 <0.5 <0.5	0.2 0.31 0.32 0.28	Eff 0.14 0.1 <0.09 <0.09 NOV Eff	0.24 <0.09 0.2 0.09 0.13	Eff <0.09 <0.09 <0.09 <0.09 <0.09 DEC Eff
1 2 3 4 Avg Week	<0.27 0.31 0.42 <0.27 Inf 0.25	Eff <0.27 <0.27 <0.27 <0.27 <0.27 JAN Eff ND	<0.27 <0.27 <0.27 <0.27 <0.27 lnf 0.27	Eff <0.27 <0.27 <0.27 <0.27 <0.27 FEB Eff ND	<0.27 <0.27 <0.27 <0.27 <0.27 lnf 0.51	Eff <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 MAR Eff ND	<0.27 <0.27 <0.27 <0.27 <0.27 <0.27	Eff <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 APR Eff ND	<0.27 <0.27 <0.27 0.27 Inf ND	Eff <0.27 <0.27 <0.27 <0.27 <0.27 MAY Eff ND	Inf <0.27 <0.27 <0.27 <0.27 <0.27 MERCUI Inf 0.23	JUN Eff <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 20.27 RY (ug/L) JUN Eff ND	Inf <0.5 <0.5 <0.5 <0.5 <0.5 2003 Inf 0.23	Eff <0.5 <0.5 <0.5 <0.5 <0.5 <0.5	<0.5 <0.5 <0.5 <0.5 <0.5 <0.5	Eff <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 AUG Eff ND	<0.5 <0.5 <0.5 <0.5 <0.5 <0.5	Eff <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 SEP Eff ND	<0.5 <0.5 <0.5 <0.5 <0.5 Inf ND	Eff <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 OCT Eff ND	0.2 0.31 0.32 0.28 Inf 0.12	Eff 0.14 0.1 <0.09 <0.09 <0.09 NOV Eff ND	0.24 <0.09 0.2 0.09 0.13 Inf 0.28	Eff <0.09 <0.09 <0.09 <0.09 <0.09 DEC Eff ND
1 2 3 4 Avg Week 1 2	<0.27 0.31 0.42 <0.27 Inf 0.25 0.13	Eff <0.27 <0.27 <0.27 <0.27 <0.27 JAN Eff ND ND	<0.27 <0.27 <0.27 <0.27 <0.27 <0.27 Inf 0.27 0.32	Eff <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 FEB Eff ND ND	<0.27 <0.27 <0.27 <0.27 <0.27 lnf 0.51 0.11	Eff <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 MAR Eff ND ND	<0.27 <0.27 <0.27 <0.27 <0.27 <0.27	Eff <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 APR Eff ND ND	<0.27 <0.27 <0.27 0.27 Inf ND 0.64	Eff <0.27 <0.27 <0.27 <0.27 <0.27 MAY Eff ND 0.20	Inf <0.27 <0.27 <0.27 <0.27 <0.27 MERCUI Inf 0.23 0.16	JUN Eff <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 RY (ug/L) JUN Eff ND ND	Inf <0.5 <0.5 <0.5 <0.5 <0.5 2003 Inf 0.23 0.14	Eff <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 JUL Eff ND ND	<0.5 <0.5 <0.5 <0.5 <0.5 <0.5	Eff <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 AUG Eff ND ND	<0.5 <0.5 <0.5 <0.5 <0.5 <0.5	Eff <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 SEP Eff ND 0.32	<0.5 <0.5 <0.5 <0.5 <0.5 Inf ND 0.16	Eff <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 OCT Eff ND ND	0.2 0.31 0.32 0.28 Inf 0.12 0.31	Eff 0.14 0.1 <0.09 <0.09 <0.09 NOV Eff ND ND	0.24 <0.09 0.2 0.09 0.13 Inf 0.28 ND	Eff <0.09 <0.09 <0.09 <0.09 <0.09 <0.09 DEC Eff ND ND
1 2 3 4 Avg Week	<0.27 0.31 0.42 <0.27 Inf 0.25	Eff <0.27 <0.27 <0.27 <0.27 <0.27 JAN Eff ND	<0.27 <0.27 <0.27 <0.27 <0.27 lnf 0.27	Eff <0.27 <0.27 <0.27 <0.27 <0.27 FEB Eff ND	<0.27 <0.27 <0.27 <0.27 <0.27 lnf 0.51	Eff <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 MAR Eff ND	<0.27 <0.27 <0.27 <0.27 <0.27 <0.27	Eff <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 APR Eff ND	<0.27 <0.27 <0.27 0.27 Inf ND	Eff <0.27 <0.27 <0.27 <0.27 <0.27 MAY Eff ND	Inf <0.27 <0.27 <0.27 <0.27 <0.27 MERCUI Inf 0.23	JUN Eff <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 RY (ug/L) JUN Eff ND	Inf <0.5 <0.5 <0.5 <0.5 <0.5 2003 Inf 0.23	Eff <0.5 <0.5 <0.5 <0.5 <0.5 <0.5	<0.5 <0.5 <0.5 <0.5 <0.5 <0.5	Eff <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 AUG Eff ND	<0.5 <0.5 <0.5 <0.5 <0.5 <0.5	Eff <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 SEP Eff ND	<0.5 <0.5 <0.5 <0.5 <0.5 Inf ND	Eff <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 OCT Eff ND	0.2 0.31 0.32 0.28 Inf 0.12	Eff 0.14 0.1 <0.09 <0.09 <0.09 NOV Eff ND	0.24 <0.09 0.2 0.09 0.13 Inf 0.28	Eff <0.09 <0.09 <0.09 <0.09 <0.09 DEC Eff ND
1 2 3 4 Avg Week 1 2 3	<0.27 0.31 0.42 <0.27 Inf 0.25 0.13 ND	Eff <0.27 <0.27 <0.27 <0.27 <0.27 JAN Eff ND ND ND	<0.27 <0.27 <0.27 <0.27 <0.27 <0.27 0.27 0.27 0.32 0.42	Eff <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 FEB Eff ND ND ND	<0.27 <0.27 <0.27 <0.27 <0.27 lnf 0.51 0.11	Eff <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 MAR Eff ND ND	<0.27 <0.27 <0.27 <0.27 <0.27 <0.27 Inf 0.22 0.19 0.22	Eff <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 APR Eff ND ND <0.09	<0.27 <0.27 <0.27 0.27 Inf ND 0.64 1.14	Eff <0.27 <0.27 <0.27 <0.27 <0.27 MAY Eff ND 0.20 0.70	Inf <0.27 <0.27 <0.27 <0.27 <0.27 MERCUI Inf 0.23 0.16 0.27	JUN Eff <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 XY (ug/L) JUN Eff ND ND ND	Inf <0.5 <0.5 <0.5 <0.5 <0.5 2003 Inf 0.23 0.14 0.17	Eff <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 JUL Eff ND ND ND	<0.5 <0.5 <0.5 <0.5 <0.5 <0.5 0.25 0.25 0.14	Eff <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 AUG Eff ND ND ND	<0.5 <0.5 <0.5 <0.5 <0.5 <0.5	Eff <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 SEP Eff ND 0.32	<0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5	Eff <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 OCT Eff ND ND ND	0.2 0.31 0.32 0.28 Inf 0.12 0.31 0.42	Eff 0.14 0.1 <0.09 <0.09 <0.09 NOV Eff ND ND ND	0.24 <0.09 0.2 0.09 0.13 Inf 0.28 ND ND	Eff <0.09 <0.09 <0.09 <0.09 <0.09 <0.09 DEC Eff ND ND ND
1 2 3 4 Avg Week 1 2 3 4	<0.27 0.31 0.42 <0.27 Inf 0.25 0.13 ND 0.11	Eff <0.27 <0.27 <0.27 <0.27 <0.27 JAN Eff ND ND ND ND ND	<0.27 <0.27 <0.27 <0.27 <0.27 <0.27 0.27 0.32 0.42 ND	Eff <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 FEB Eff ND ND ND ND	<0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 0.51 0.11 0.51	Eff <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 MAR Eff ND ND ND	<0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 0.22 0.19 0.22 0.36	Eff <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 APR Eff ND ND <0.09 ND	<0.27 <0.27 <0.27 0.27 0.27 Inf ND 0.64 1.14 0.20	Eff <0.27 <0.27 <0.27 <0.27 <0.27 MAY Eff ND 0.20 0.70 ND	Inf <0.27 <0.27 <0.27 <0.27 <0.27 MERCUI Inf 0.23 0.16 0.27 ND 0.17	JUN Eff <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 XY (ug/L) JUN Eff ND ND ND ND	Inf <0.5 <0.5 <0.5 <0.5 2003 Inf 0.23 0.14 0.17 0.29 0.21	Eff <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 JUL Eff ND ND ND ND 0.26	<0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 0.22 0.25 0.14 ND	Eff <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 AUG Eff ND ND ND ND	<0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5	Eff <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 SEP Eff ND 0.32 ND	<0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5	Eff <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 OCT Eff ND ND ND ND	0.2 0.31 0.32 0.28 Inf 0.12 0.31 0.42 NA	Eff 0.14 0.1 <0.09 <0.09 <0.09 NOV Eff ND ND ND ND NA	0.24 <0.09 0.2 0.09 0.13 Inf 0.28 ND ND 0.10	Eff <0.09 <0.09 <0.09 <0.09 <0.09 <0.09 DEC Eff ND ND ND ND
1 2 3 4 Avg Week 1 2 3 4	<0.27 0.31 0.42 <0.27 Inf 0.25 0.13 ND 0.11	Eff <0.27 <0.27 <0.27 <0.27 <0.27 JAN Eff ND ND ND ND ND	<0.27 <0.27 <0.27 <0.27 <0.27 <0.27 0.27 0.32 0.42 ND	Eff <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 FEB Eff ND ND ND ND	<0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 0.51 0.11 0.51	Eff <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 MAR Eff ND ND ND	<0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 0.22 0.19 0.22 0.36	Eff <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 APR Eff ND ND <0.09 ND	<0.27 <0.27 <0.27 0.27 0.27 Inf ND 0.64 1.14 0.20	Eff <0.27 <0.27 <0.27 <0.27 <0.27 MAY Eff ND 0.20 0.70 ND	Inf <0.27 <0.27 <0.27 <0.27 <0.27 MERCUI Inf 0.23 0.16 0.27 ND 0.17	JUN Eff <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 VY (ug/L) JUN Eff ND ND ND ND	Inf <0.5 <0.5 <0.5 <0.5 2003 Inf 0.23 0.14 0.17 0.29 0.21	Eff <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 JUL Eff ND ND ND ND 0.26	<0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 0.22 0.25 0.14 ND	Eff <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 AUG Eff ND ND ND ND	<0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5	Eff <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 SEP Eff ND 0.32 ND	<0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5	Eff <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 OCT Eff ND ND ND ND	0.2 0.31 0.32 0.28 Inf 0.12 0.31 0.42 NA	Eff 0.14 0.1 <0.09 <0.09 <0.09 NOV Eff ND ND ND ND NA	0.24 <0.09 0.2 0.09 0.13 Inf 0.28 ND ND 0.10	Eff <0.09 <0.09 <0.09 <0.09 <0.09 <0.09 DEC Eff ND ND ND ND
1 2 3 4 Avg Week 1 2 3 4	<0.27 0.31 0.42 <0.27 Inf 0.25 0.13 ND 0.11 0.12 Inf	Eff <0.27 <0.27 <0.27 <0.27 JAN Eff ND ND ND ND ND ND ND SJAN Eff	<0.27 <0.27 <0.27 <0.27 <0.27 <0.27 0.27 0.32 0.42 ND	Eff <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 FEB Eff ND ND ND ND	<0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 0.51 0.11 0.51 0.38	Eff <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 MAR Eff ND ND ND ND ND ND	<0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 0.22 0.19 0.22 0.36 0.25	Eff <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 APR Eff ND ND <0.09 ND 0.00 APR Eff	<0.27 <0.27 <0.27 0.27 0.27 Inf ND 0.64 1.14 0.20	Eff <0.27 <0.27 <0.27 <0.27 <0.27 MAY Eff ND 0.20 0.70 ND 0.23	Inf <0.27 <0.27 <0.27 <0.27 <0.27 MERCUI Inf 0.23 0.16 0.27 ND 0.17	JUN Eff <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 XY (ug/L) JUN Eff ND ND ND ND ND XY (ug/L) JUN Eff	Inf <0.5 <0.5 <0.5 <0.5 2003 Inf 0.23 0.14 0.17 0.29 0.21	Eff <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 JUL Eff ND ND ND ND 0.26 0.07 JUL Eff	<0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 0.22 0.25 0.14 ND 0.15	Eff <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 AUG Eff ND ND ND ND ND ND AUG Eff	<0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5	Eff <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 SEP Eff ND 0.32 ND 0.11 SEP Eff	<0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5	Eff <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 OCT Eff ND ND ND ND ND	0.2 0.31 0.32 0.28 Inf 0.12 0.31 0.42 NA	Eff 0.14 0.1 <0.09 <0.09 NOV Eff ND ND ND ND NA	0.24 <0.09 0.2 0.09 0.13 Inf 0.28 ND ND 0.10	Eff <0.09 <0.09 <0.09 <0.09 <0.09 <0.09 DEC Eff ND ND ND ND ND ND DEC Eff
1 2 3 4 Avg Week 1 2 3 4 Avg Week 1	<0.27 0.31 0.42 <0.27 Inf 0.25 0.13 ND 0.11 0.12 Inf ND	Eff <0.27 <0.27 <0.27 <0.27 JAN Eff ND ND ND ND ND ND ND ND ND ND	<0.27 <0.27 <0.27 <0.27 <0.27 <0.27 0.27 0.32 0.42 ND 0.25 Inf	Eff <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 FEB Eff ND ND ND ND ND ND FEB Eff	<0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 0.51 0.11 0.51 0.38 Inf 0.38	Eff <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 MAR Eff ND ND ND ND ND MAR Eff ND	<0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 0.22 0.19 0.22 0.36 0.25 Inf 0.75	Eff <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 APR Eff ND ND <0.09 ND 0.00 APR Eff ND	<0.27 <0.27 <0.27 0.27 0.27 0.27 0.64 1.14 0.20 0.50 0.50	Eff <0.27 <0.27 <0.27 <0.27 MAY Eff ND 0.20 0.70 ND 0.23 MAY Eff ND	Inf <0.27 <0.27 <0.27 <0.27 <0.27 MERCUI Inf 0.23 0.16 0.27 ND 0.17 MERCUI 0.11	JUN Eff <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 XY (ug/L) JUN Eff ND ND ND ND ND ND ND ND ND ND ND ND ND	Inf <0.5	Eff <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 JUL Eff ND ND 0.26 0.07 JUL Eff ND	<0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 0.22 0.25 0.14 ND 0.15 Inf ND	Eff <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 AUG Eff ND ND ND ND ND ND ND ND	<0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5	Eff <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 SEP Eff ND 0.32 ND 0.11 SEP Eff ND	<0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5	Eff <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 OCT Eff ND ND ND ND ND OCT Eff ND	0.2 0.31 0.32 0.28 0.28 0.28 0.12 0.31 0.42 NA 0.28 0.28	Eff 0.14 0.1 <0.09 <0.09 NOV Eff ND ND ND ND ND ND ND ND ND ND	0.24 <0.09 0.2 0.09 0.13 0.13 0.28 ND 0.10 0.10 0.10	Eff <0.09 <0.09 <0.09 <0.09 <0.09 <0.09 DEC Eff ND ND ND ND ND ND ND ND ND
1 2 3 4 Avg Week 1 2 3 4 Avg Week 1 2	<0.27 0.31 0.42 <0.27 Inf 0.25 0.13 ND 0.11 0.12 Inf ND 0.26	Eff <0.27 <0.27 <0.27 <0.27 JAN Eff ND ND ND ND ND ND JAN Eff ND ND	<0.27 <0.27 <0.27 <0.27 <0.27 <0.27 0.27 0.32 0.42 ND 0.25 Inf 0.11	Eff <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 FEB Eff ND ND ND ND ND ND ND ND ND	<pre><0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 0.51 0.11 0.51 0.38 0.38 0.77</pre>	Eff <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 MAR Eff ND ND ND ND MAR Eff ND ND ND	<0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 0.22 0.19 0.22 0.36 0.25 Inf 0.75 0.19	Eff <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 APR Eff ND ND <0.09 ND 0.00 APR Eff ND ND 0.00 APR	<0.27 <0.27 <0.27 0.27 0.27 0.27 0.27 0.27 0.64 1.14 0.20 0.50 0.50	Eff <0.27 <0.27 <0.27 <0.27 MAY Eff ND 0.20 0.70 ND 0.23 MAY Eff ND ND ND	Inf <0.27 <0.27 <0.27 <0.27 <0.27 MERCUI Inf 0.23 0.16 0.27 ND 0.17 MERCUI Inf 0.11 0.11	JUN Eff <0.27 <0.27 <0.27 <0.27 <0.27 <v (ug="" l)<br="">JUN Eff ND ND ND ND ND ND XY (ug/L) JUN Eff ND ND ND ND ND ND ND ND ND ND</v>	Inf <0.5	Eff <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 JUL Eff ND ND ND ND 0.26 0.07 JUL Eff	<0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 0.22 0.25 0.14 ND 0.15 ND 0.19	Eff <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 AUG Eff ND ND ND ND ND ND ND ND ND ND	<0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5	Eff <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 SEP Eff ND 0.32 ND 0.11 SEP Eff ND ND ND	<0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5	Eff <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 OCT Eff ND ND ND ND ND ND ND ND ND ND	0.2 0.31 0.32 0.28 Inf 0.12 0.31 0.42 NA 0.28 Inf 0.41 0.34	Eff 0.14 0.1 <0.09 <0.09 NOV Eff ND ND ND ND ND ND ND ND ND ND	0.24 <0.09 0.2 0.09 0.13 Inf 0.28 ND 0.10 0.10 0.10 0.10 0.16	Eff <0.09 <0.09 <0.09 <0.09 <0.09 <0.09 DEC Eff ND ND ND ND ND ND ND ND ND ND
1 2 3 4 Avg Week 1 2 3 4 Avg Week 1	<0.27 0.31 0.42 <0.27 Inf 0.25 0.13 ND 0.11 0.12 Inf ND 0.26 0.54	Eff <0.27 <0.27 <0.27 <0.27 JAN Eff ND ND ND ND ND JAN Eff ND ND ND ND	<0.27 <0.27 <0.27 <0.27 <0.27 <0.27 0.27 0.32 0.42 ND 0.25 Inf 0.11 ND	Eff <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 FEB Eff ND ND ND ND ND ND ND ND ND ND ND ND ND	<pre><0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.51 0.51 0.51 0.38 Inf 0.38 0.77 0.20</pre>	Eff <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 MAR Eff ND ND ND ND MAR Eff ND ND ND ND	<0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 0.22 0.19 0.22 0.36 0.25 Inf 0.75 0.19 0.11	Eff <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 APR Eff ND ND <0.09 ND 0.00 APR Eff ND ND ND ND ND	<0.27 <0.27 <0.27 0.27 0.27 0.27 0.27 0.27 0.64 1.14 0.20 0.50 0.50 0.50	Eff <0.27 <0.27 <0.27 <0.27 MAY Eff ND 0.20 0.70 ND 0.23 MAY Eff ND ND ND	Inf <0.27 <0.27 <0.27 <0.27 <0.27 MERCUI Inf 0.23 0.16 0.27 ND 0.17 MERCUI Inf 0.11 0.11 0.17 0.23	JUN Eff <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 XY (ug/L) JUN Eff ND ND ND ND XY (ug/L) JUN Eff ND ND ND ND ND ND ND ND ND ND	Inf <0.5	Eff <0.5 <0.5 <0.5 <0.5 <0.5 JUL Eff ND ND 0.26 0.07 JUL Eff ND ND 0.26 ND	<0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 0.22 0.25 0.14 ND 0.15 ND 0.19 0.24	Eff <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 AUG Eff ND ND ND ND ND ND ND ND ND ND ND ND ND	<0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5	Eff <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 SEP Eff ND 0.32 ND 0.11 SEP Eff ND ND ND ND	<0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5	Eff <0.5 <0.5 <0.5 <0.5 <0.5 OCT Eff ND ND ND ND ND ND ND ND ND ND ND ND ND	0.2 0.31 0.32 0.28 0.28 0.12 0.31 0.42 NA 0.28 0.28 0.41 0.34 ND	Eff 0.14 0.1 <0.09 <0.09 NOV Eff ND ND ND ND ND ND ND ND ND ND	0.24 <0.09 0.2 0.09 0.13 0.13 0.28 ND 0.10 0.10 0.10 0.16 0.15	Eff <0.09 <0.09 <0.09 <0.09 <0.09 ODEC Eff ND ND ND ND ND DEC Eff ND ND ND ND ND
1 2 3 4 Avg Week 1 2 3 4 Avg Week 1 2 3	<0.27 0.31 0.42 <0.27 Inf 0.25 0.13 ND 0.11 0.12 Inf ND 0.26	Eff <0.27 <0.27 <0.27 <0.27 JAN Eff ND ND ND ND ND ND JAN Eff ND ND	<0.27 <0.27 <0.27 <0.27 <0.27 <0.27 0.27 0.32 0.42 ND 0.25 Inf 0.11	Eff <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 FEB Eff ND ND ND ND ND ND ND ND ND	<pre><0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 0.51 0.11 0.51 0.38 0.38 0.77</pre>	Eff <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 MAR Eff ND ND ND ND MAR Eff ND ND ND	<0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 0.22 0.19 0.22 0.36 0.25 Inf 0.75 0.19	Eff <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 APR Eff ND ND <0.09 ND 0.00 APR Eff ND ND 0.00 ADR Eff	<0.27 <0.27 <0.27 0.27 0.27 0.27 0.27 0.27 0.64 1.14 0.20 0.50 0.50	Eff <0.27 <0.27 <0.27 <0.27 MAY Eff ND 0.20 0.70 ND 0.23 MAY Eff ND ND ND	Inf <0.27 <0.27 <0.27 <0.27 <0.27 MERCUI Inf 0.23 0.16 0.27 ND 0.17 MERCUI Inf 0.11 0.11	JUN Eff <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 XY (ug/L) JUN Eff ND ND ND ND XV (ug/L) JUN Eff ND ND ND ND ND ND ND ND ND ND	Inf <0.5	Eff <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 JUL Eff ND ND 0.26 0.07 JUL Eff ND	<0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 0.22 0.25 0.14 ND 0.15 ND 0.19	Eff <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 AUG Eff ND ND ND ND ND ND ND ND ND ND	<0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5	Eff <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 SEP Eff ND 0.32 ND 0.11 SEP Eff ND ND ND	<0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5	Eff <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 OCT Eff ND ND ND ND ND ND ND ND ND	0.2 0.31 0.32 0.28 Inf 0.12 0.31 0.42 NA 0.28 Inf 0.41 0.34	Eff 0.14 0.1 <0.09 <0.09 NOV Eff ND ND ND ND ND ND ND ND ND ND	0.24 <0.09 0.2 0.09 0.13 Inf 0.28 ND 0.10 0.10 0.10 0.10 0.16	Eff <0.09 <0.09 <0.09 <0.09 <0.09 <0.09 DEC Eff ND ND ND ND ND ND ND ND ND ND

											SILVER	R (ug/L) 1	1999											
		JAN		FEB				APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	<6.6	<6.6	<6.6	<6.6	9.MAR	<6.6	<6.6	<6.6	8.3	<6.6	<6.6	7.9	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	27.2	<6.6	<6.6	<6.6	<6.6
2	<6.6	<6.6	<6.6	<6.6	16	7.6	<6.6	<6.6	6.6	<6.6	<6.6	8.8	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	9	<6.6	<6.6	<6.6
3	<6.6	<6.6	<6.6 <6.6	<6.6 <6.6	11.9 <6.6	<6.6 14.2	<6.6 <6.6	<6.6 <6.6	14.2	<6.6	<6.6 <6.6	11.2 <6.6	<6.6 <6.6	<6.6 <6.6	10.9 <6.6	<6.6 6.7	<6.6 <6.6	<6.6 <6.6	<6.6 <6.6	13.1 <6.6	<6.6	<6.6	<6.6 <6.6	<6.6 <6.6
4 Avg	<6.6	<6.6	< 6.6	< 6.6	9.5	5.5	< 6.6	< 6.6	9.7	<6.6	< 6.6	7	< 6.6	< 6.6	2.7	1.7	< 6.6	< 6.6	< 6.6	10.1	3	<6.6	< 6.6	< 6.6
Avy	<0.0	<0.0	<0.0	<0.0	7.5	5.5	<0.0	<0.0	7.7	<0.0	<0.0	,	<0.0	<0.0	2.7	1.7	<0.0	<0.0	<0.0	10.1	5	<0.0	<0.0	<0.0
											LVER (ug	/L) 2000								.				550
Maak	Inf	JAN	Inf	FEB	Inf	F 66	Inf	APR	laf	MAY	Inf	JUN	Inf	JUL	Inf	AUG	Inf	SEP	Inf	OCT	laf	NOV	Inf	DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	<6.6 <6.6	<6.6 <6.6	<6.6 <6.6	<6.6 <6.6	<6	<6.6 <6.6	27.2 <6.6	<6.6 <6.6	<6.6 <6.6	9.8 <6.6	<6.6 <6.6													
3	<0.0 <6.6	< 6.6	< 6.6	< 6.6	< 6.6	< 6.6	<0.0 <6.6	< 6.6	<0.0 <6.6	< 6.6	< 6.6	< 6.6	< 6.6	12.3	< 6.6	<0.0 <6.6	< 6.6	< 6.6	< 6.6	13.1	< 6.6	< 6.6	<0.0 6.7	<0.0 <6.6
4	< 6.6	<6.6	< 6.6	<6.6	<6.6	<6.6	×0.0	<0.0	<6.6	<6.6	< 6.6	<6.6	<6.6	7.8	<6.6	<6.6	<0.0	<0.0	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6
Avg	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	5	<6.6	<6.6	<6.6	<6.6	<6.6	10.1	<6.6	<6.6	4.1	<6.6
										C1		(1) 2001												
		JAN		FEB				APR		SI MAY	LVER (ug	JUN		JUL		AUG		SEP		ОСТ		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	<6.6	<6.6	<6.6	<6.6	<61/6AR	1	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	12.1	<6.6	7.4	<6.6	<6.6	<6.6	<6.6	<6.6	7	<6.6	<6.6	<6.6
2	<0.0 <6.6	< 6.6	< 6.6	<0.0 9.1	<0////AR <6.6	<6.6	<0.0 <6.6	< 6.6	< 6.6	<0.0 <6.6	< 6.6	<0.0 <6.6	15.7	<0.0 <6.6	8.1	<0.0 <6.6	< 6.6	< 6.6	< 6.6	<0.0 <6.6	20.9	<0.0 <6.6	<0.0 <6.6	<0.0 <6.6
3	<6.6	<6.6	<6.6	11	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	11.5	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6
4	<6.6	<6.6			13.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6			<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6
Avg	<6.6	<6.6	<6.6	6.7	3.4	2.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	9.3	<6.6	6.8	<6.6	<6.6	<6.6	<6.6	<6.6	7	<6.6	<6.6	<6.6
												R (ug/L) 2	0000											
		JAN		FEB				APR		MAY	SILVER	JUN	2002	JUL		AUG		SEP		ОСТ		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	<6.6	<6.6	<6.6	<6.6	<6MPAR	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	18.2	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6
2	<6.6	<6.6	9.3	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	11.1	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	9.8	<6.6
3	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	8.8	<6.6	<6.6	<6.6	7.5	19.7	<6.6	<6.6	8.7	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	9.4	<6.6
4					<6.6	<6.6	7.5	<6.6			<6.6		<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6			11.6	<6.6
Avg	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	9.5	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	7.7	<6.6
								400			LVER (ug	/L) 2003						055		0.07		NOV		550
Mook	Inf	JAN Let	Inf	FEB	Inf	Гff	Inf	APR	Inf	MAY	Inf	JUN	Inf	JUL	Inf	AUG	Inf	SEP	Inf	OCT	Inf	NOV	Inf	DEC
Week 1	Inf ND	Eff ND	Inf ND	Eff	Inf	Eff ND	Inf	Eff	Inf ND	Eff ND	Inf ND	Eff ND	Inf ND	Eff ND	Inf ND	Eff	Inf	Eff	Inf	Eff ND	Inf ND	Eff ND	Inf ND	Eff
2	ND	ND	ND	ND ND	NMAR ND	ND	ND <6.6	ND ND	ND	ND ND	ND ND	ND ND	ND ND	ND	ND	6.6	7.6	ND ND						
3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4	ND	ND	ND	ND	ND	NB	ND	ND	7.5	ND	ND	ND	ND	ND	ND	<6.6			ND	ND	ND	ND	ND	ND
Avg	ND	ND	ND	ND	ND	ND	0.0	ND	1.9	ND	ND	ND	ND	ND	ND	0.0	ND	ND	ND	ND	ND	1.7	1.9	ND
Ū										SI	LVER (ug	/L) 2004												
		JAN		FEB				APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	ND	ND			NMAR	ND	ND	ND	ND	ND	5.5	0.9	4.1	0.7	0.9	ND	3.7	0.4	3.6	<0.2	1.5	ND	1.7	ND
2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.5	1.3	3.6	0.4	4.1	0.4	3.4	0.2	3.6	0.7	ND	ND	0.2	ND
3 4	ND ND	ND ND	ND ND	ND ND	ND	ND	ND ND	ND ND	ND ND	ND ND	4.7 3.9	1.5 1.2	1.4	0.2	3.8 4.8	0.6 0.4	1.1 0.5	0.2 0.7	2.9 1.9	0.4 0.3	ND 2.2	ND ND	ND 0.9	ND ND
4 Avg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.4	1.2	3	0.2	4.0 3.4	0.4	2.2	0.7	3.0	0.3	1.9	ND	0.9	ND
Avy	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.4	1.2	J	0.4	3.4	0.4	2.2	0.4	3.0	0.4	1.7	ND	0.7	ND

											ZINC	(ug/L) 19	999											
Week	Inf	JAN Let	Inf	FEB Eff	Inf	Гff	Inf	APR Eff	Inf	MAY	Inf	JUN	Inf	JUL	Inf	AUG Eff	Inf	SEP	Inf	OCT Eff	Inf	NOV Eff	Inf	DEC
1	Inf 140	Eff 29	Inf 107	32	Inf 15¢fAR	Eff 40	Inf 112	31	Inf 140	Eff 41	Inf 159	Eff 40	Inf 182	Eff 29	Inf 176	70	Inf 307	Eff 35	Inf 162	33	Inf 118	46	Inf 132	Eff 25
2	153	44	182	38	146	36	119	34	122	26	181	34	142	37	185	62	182	48	184	36	160	43	139	257
3	122	31	147	30	124	33	118	36	143	34	165	45	147	36	169	47	146	54	148	38	147	68	125	56
4	100		139	38	161	33	124	26	4.05		174	77	163	52	143	42	151	34	140	34			108	42
Avg	138	35	144	35	146	36	118	32	135	34	170 ZINC (ug/	49	159	39	168	55	197	43	159	35	142	52	126	95
		JAN		FEB				APR		MAY	into (ug/	JUN		JUL		AUG		SEP		ОСТ		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	126	32	182	62	14AAR	37	136	35	182	39	144	24	226	135	166	25	140	27	115	22	152	26	165	42
2 3	181 152	33 50	190 151	69 67	179 148	33 30	110 116	26 27	179 148	33 39	126 155	23 23	261 249	150 151	154 158	21 27	169 130	25 20	270 137	23 29	141 134	27 34	175 171	31 33
4	150	43	175	69	147	58			154	31	170	28	222	127	144	23			129	29	117	33	171	35
Avg	152	40	175	67	154	40	121	29	166	36	149	25	240	141	156	24	146	24	163	26	136	30	171	35
										2	ZINC (ug/	L) 2001												
		JAN		FEB				APR		MAY	· 5	JUN		JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1 2	145 124	28 30	142 129	34 36	12∦4AR 123	36 34	166 141	29 29	157 133	41 39	188 157	66 27	133 141	25 28	152 277	29 30	111 135	20 25	153 142	26 22	163 160	30 24	142 113	29 25
3	124	31	129	35	123	33	225	57	160	46	154	39	141	20	269	29	158	37	132	22	124	24	102	23
4	121	31			135	28	142	46	155	42	124	41			204	27	147	35	121	20	134	24	135	21
Avg	128	30	136	35	123	33	169	40	151	42	156	43	139	26	226	29	138	29	137	23	145	26	123	24
											ZINC	(ug/L) 20	002											
		JAN		FEB				APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf 140	Eff 26	Inf 122	Eff	Inf	Eff	Inf 134	Eff 31	Inf 144	Eff 28	Inf 139	Eff 29	Inf 172	Eff 25	Inf 125	Eff 18	Inf 98	Eff 30	Inf 110	Eff 29	Inf 178	Eff 32	Inf	Eff
1 2	140 152	26 31	122	29 40	13,9 _{4AR} 131	28 25	134 140	26	144	28 21	139	29 21	172	25 28	125	24	98 164	30 81	126	29 31	1/8	32 25	119 116	21 23
3	149	33	120	28	148	30	146	29	126	25	161	28	180	27	139	19	154	24	123	41	128	14	121	23
4			140	42	138	26	149	26			112	23	113	22	142	30	116	18	182	33			117	16
Avg	147	30	135	35	139	27	142	28	138	25	135	25	164	26	134	23	133	38	135	34	143	24	118	21
										2	ZINC (ug/	L) 2003												
		JAN		FEB		F.((APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC
Week 1	Inf 112	Eff ND	Inf 120	Eff 9	Inf 10,44AR	Eff 27	Inf 156	Eff 23	Inf 142	Eff 24	Inf 130	Eff 26	Inf 168	Eff 26	Inf 152	Eff 9	Inf 172	Eff 23	Inf 140	Eff 13	Inf 138	Eff 22	Inf 148	Eff 27
2	112	9	132	9 15	127	27	150	23 35	142	24	130	20 19	157	26	145	9 19	148	23 19	139	20	138	22	231	81
3	104	,4	105	11	153	29	144	45	145	26	142	12	158	26	135	12	124	25	132	22	152	23	135	22
4	88	<4	115	11	4.0.0		156	31	144	23	118	20	130	30	124	12			126	16	124	21	133	28
Avg	105	2	118	12	129	28	157	34	146	24	131	19	153	27	139	13	148	22	134	18	138	23	162	40
										7	ZINC (ug/	L) 2004												
Week	Inf	JAN Eff	Inf	FEB Eff	Inf	Eff	Inf	APR Eff	Inf	MAY Eff	Inf	JUN Eff	Inf	JUL Eff	Inf	AUG Eff	Inf	SEP Eff	Inf	OCT Eff	Inf	NOV Eff	Inf	DEC Eff
1	136	36	1111	EII	1209AR	29	144	14	Inf 141	27	125	20	125	20	112	14	133	17	143	10	140	17	141	ND
2		47	148	28	145	42	154	18	141	19	134	19	134	19	175	23	134	15	124	16	116	19	134	ND
-	165	47	140	20	110																			
3	152	49	145	21	139	24	148	25	140	16	130	<i></i>	465	<i></i>	141	21	117	17	150	26	110	21	134	ND
							148 171 154	25 23 20	140 128 138	16 22 21	130	16 18	130 130	16 18	141 191 155	21 17 19	117 73 114	17 18 17	150 98 129	26 21 18	110 120 122	21 17 19	134 105 129	ND ND ND

											AMMONI	IA (mg/L)) 1999											
		JAN		FEB				APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	25.4	24.1	25	24.4	27 _M FAR	25.1	24.5	23.8	26.3	25	30.5	28.7	31.5	30.7	26.7	23.1	15.1	34	27.1	27.7	28.5	27.8	31.4	31
2	32.2	27.2	27.3	26.7	24.1	25.5	28.3	28	26.5	26.3	27.3	25.4	26.4	26.1	27.9	27.1	26.2	24.9	28.2	27.7	30.4	30.4	28.4	28.5
3	27.7	28.4	24.4	20.3	28.6	28.7	27.8	27.9	30.1	27.8	30.7	27.8	26.2	27.6	29.7	27.9	27.8	28.9	26.1	26.6	29.3	29.1	26.4	26.4
4			30.9	28.4	26.5	25.9	28.7	27.3	<u> </u>		28.8	26.3	28.8	26.3	25.8	25.3	27.8	20.5	25.3	24.5			29.4	26.7
Avg	28.4	26.6	26.9	24.9	26.7	26.3	27.3	26.8	27.6	26.4	29.3	27.1	28.2	27.7	27.5	25.9	24.2	27.1	26.7	26.6	29.4	29.1	28.9	28.2
		JAN		FEB				APR		MAY	AWWON	IA (mg/L) JUN) 2000	JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	27	27.2	28.4	28.2	26MAR	25.9	27.5	28.6	26.9	27.2	28.2	28.6	28	27.9	28.9	28.3	27.5	28.1	26.9	26.3	27.3	26.3	28.3	28.8
2	28.1	26.9	29.3	29.1	28	27.6	27.7	28.6	29	29.4	29.7	28	29	27.4	27	26.5	27	28.1	26.7	27.4	26	26.9	29.1	29.4
3	26.1	25.6	27.2	25.8	26.9	29.4	28	27.9	30.1	29.1	28.4	28.1	28.5	28.8	25.9	25	27	26.3	27.2	27	25.4	27	28.7	28.8
4	28.1	28	27.7	27.4	28.9	30.4			28.2	27.7	29.6	26.3	28.5	26.6	27.5	27.9			29.1	28	28	26.9	29.9	29.7
Avg	27.3	26.9	28.2	27.6	27.5	28.3	27.3	28.4	28.6	28.4	29	27.8	28.5	27.7	27.3	26.9	24.2	27.5	27.5	27.2	26.7	26.8	29	29.2
											AMMON	IA (mg/L)) 2001											
		JAN		FEB				APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	30.2	28.8	29.9	32.5	26 _{MPAR}	26	30.3	28.7	29.1	29.1	28.8	28	29.4	25.2	30.5	29.7	28.2	27.9	29.8	29.1	28.1	26.9	28.3	27.7
2	24.4	23	24.2	24.4	23.5	24.4	27.6	27.9	29.9	29.4	29.8	29.4	30	29.7	28.6	29.1	28.4	27.6	28.6	28.6	28.4	27.4	26.3	26.9
3	27.7	27.2	27	26.7	26.9	26.6	30.1	30	29.2	29.7	29.1	28.6	29.4	28.3	28.4	28.1	30	29.4	27.7	27.6	28.9	31.2	29.7	28.3
4	28.5	26.9	07	27.9	27.2	27.2	31.4	31.5 29.5	27.5	27.4	28.3 29	28	20 (07.7	27.9	25.8	28.8	28.3	29.3	28.1	30.5 29	29.7	27.6 28	26.9 27.4
Avg	27.7	26.5	27	27.9	26.1	26.1	29.9	29.5	28.9	28.9	29	28.5	29.6	27.7	28.9	28.2	28.9	28.3	28.9	28.4	29	28.8	28	27.4
											AMMONI	IA (mg/L)) 2002											
		JAN		FEB				APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	28	27.6	30.1	29.8	30 _{MPAR}	29	27.9	28.3	29.4	30.8	27.2	26	28	26.3	29.3	29	26.3	26	28	26.6	28.6	29.1	25.8	25.2
2	30.8	29.8	26.5	25.2	30.4	30.5	28.6	28	31.6	31.4	27.2	26.3	27.4	25.5	28.6	27.2	26.3	27.4	27.2	26.3	27.2	26.9	26.6	26.3
3	31.2	30.7	27.7	26	28.3	27.3	31.9	30.2	28.3	27.7	27.7	25.8	28.8	28.3	29.7	29.4	26.3	26.9	27.4	26.9	27.2	27.4	26.9	26.3
4			28.8	27.4	28.3	29.1	30	29.7			27.7	27.4	27.4	27.2	27.6	28	27.7	27.2	30	29.4			28	27.2
Avg	30.3	29.4	28.3	27.1	29.4	29	29.6	29.1	29.8	30.0	27.5	26.4	27.9	26.8	28.8	28.4	26.7	26.9	28.2	27.3	27.7	27.8	26.8	26.3
											AMMON	IA (mg/L)) 2003							007		NOV		DEC
Week	Inf	JAN Eff	Inf	FEB Eff	Inf	Eff	Inf	APR Eff	Inf	MAY Eff	Inf	JUN Eff	Inf	JUL Eff	Inf	AUG Eff	Inf	SEP Eff	Inf	OCT Eff	Inf	NOV Eff	Inf	DEC Eff
1	27.4	26.6	29.7	28.6	26M/AR	26.0	26.9	28.0	27.4	28.0	30.8	31.1	29.7	30.2	28.6	28.0	27.7	28.0	28.8	29.7	26.0	26.0	28.0	26.9
2	27.4	20.0	29.7	25.5	20 _M AR 20.2	20.0	30.2	30.0	27.4	30.2	30.8	30.2	29.7	28.8	28.0	28.0	27.7	28.0	26.8	29.7	28.3	28.3	28.0	20.9
3	23.0	22.7	25.2	22.7	27.4	26.9	26.9	27.2	28.8	29.4	29.7	30.5	29.7	30.8	29.1	28.3	20.0	29.4	24.9	26.0	25.5	25.5	26.3	26.6
4	27.2	26.9	24.9	24.6			28.8	30.5	30.5	30.5	27.7	29.1	28.8	28.6	27.7	27.2			26.9	27.4	*	*	29.4	28.3
Avg	26.3	26.0	26.6	25.4	24.7	24.4	28.2	28.9	29.1	29.5	29.6	30.2	29.4	29.6	28.2	27.9	28.6	28.7	26.9	27.9	26.6	26.6	28.1	27.7
* Not rep	ortable.																							
											AMMONI	IA (mg/L)) 2004											
								400		MAY		JUN	·	JUL		AUG		SEP		OCT		NOV		DEC
		JAN		FEB				APR		1017 11														
Week	Inf	JAN Eff	Inf	FEB Eff	Inf	Eff	Inf	APR Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
Week 1	Inf 29.1		Inf		Inf 25 _M PAR	Eff 25.5	Inf 25.8		Inf 28.2		Inf 28.8		Inf 28.6	Eff 28.0	Inf 29.4	Eff 29.1	Inf 28.3	Eff 27.2	Inf 30.2		Inf 23.0		Inf 26.9	Eff 26.6
1 2	29.1 29.7	Eff 28.8 29.4	29.1	Eff 29.4	25 _M 2AR 27.7	25.5 28.0	25.8 27.2	Eff 26.6 27.4	28.2 29.7	Eff 26.5 30.0	28.8 27.4	Eff 29.1 28.3			29.4 29.1	29.1 29.3	28.3 27.7	27.2 26	30.2 27.4	Eff 30.2 28.3	23.0 28.3	Eff 24.1 27.7	26.9 27.7	26.6 27.4
1 2 3	29.1 29.7 26.9	Eff 28.8 29.4 26.6	29.1 30.5	Eff 29.4 27.4	25 _M PAR 27.7 27.7	25.5 28.0 28.3	25.8 27.2 24.8	Eff 26.6 27.4 24.9	28.2 29.7 31.4	Eff 26.5 30.0 30.8	28.8 27.4 30.0	Eff 29.1 28.3 28.8	28.6 26.9	28.0 27.4	29.4 29.1 30.0	29.1 29.3 28.6	28.3 27.7 26.9	27.2 26 28	30.2 27.4 22.1	Eff 30.2 28.3 23.0	23.0 28.3 27.2	Eff 24.1 27.7 26.6	26.9 27.7 28.0	26.6 27.4 28.3
1 2	29.1 29.7	Eff 28.8 29.4	29.1	Eff 29.4	25 _M 2AR 27.7	25.5 28.0	25.8 27.2	Eff 26.6 27.4	28.2 29.7	Eff 26.5 30.0	28.8 27.4	Eff 29.1 28.3	28.6	28.0	29.4 29.1	29.1 29.3	28.3 27.7	27.2 26	30.2 27.4	Eff 30.2 28.3	23.0 28.3	Eff 24.1 27.7	26.9 27.7	26.6 27.4

											CYA	NIDE (mg/	L) 1999											
		JAN		FEB		MAR		APR				JUN		JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	0.004	0.009	0.004	0.006	0.005	0.005	0.003	0.003	0.004 MAY	0.003	0.003	0.004	0.003	0.007	0.004	0.004	<0.002	<0.002	0.013	0.014	0.003	0.01	0.003	0.004
2 3	0.003 0.003	0.007 0.007	0.005 0.004	0.007 0.005	0.008 0.002	0.011 0.003	0.003	0.003 0.005	0.003	0.003 0.004	0.004	0.004 0.007	0.003 0.004	<0.002 0.004	0.004 <0.002	0.004 0.005	0.004 0.004	0.004 0.001	0.005 0.004	0.004 0.004	0.004 0.003	0.006 0.005	0.005 0.006	0.004 0.007
4	0.003	0.007	0.004	0.005	0.002	0.003	0.003	0.005	0.003	0.004	0.008	0.007	0.004	0.004	<0.002	<0.003	0.004	0.001	0.004	0.004	0.003	0.005	0.008	0.007
Avg	0.003	0.008	0.005	0.006	0.005	0.002	0.007	0.003	0.003	0.003	0.008	0.008	0.003	0.003	0.002	0.002	0.004	0.003	0.006	0.005	0.003	0.007	0.005	0.005
7109	0.000	0.000	0.000	0.000	0.000	0.005	0.004	0.004	0.000	0.000	0.000	0.000	0.004	0.000	0.002	0.000	0.004	0.005	0.000	0.000	0.000	0.007	0.000	0.000
											CYA	NIDE (mg/	L) 2000											
		JAN		FEB		MAR		APR				JUN		JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	0.006	0.005	0.004	0.003	0.005	0.005	0.005	0.004	0.004 MAY	0.004	0.004	0.004	0.005	0.006	0.004	0.004	0.004	0.003	0.013	0.014	0.004	0.003	0.002	0.003
2	0.004	0.004	0.007	0.006	0.004	0.003	0.004	0.003	0.005	0.004	0.004	0.004	0.002	0.003	0.003	0.003	0.005	0.003	0.005	0.004	0.004	0.004	0.003	0.003
3 4	0.003	0.003	0.003	0.013	0.005	0.004	0.004	0.003	0.003	0.005	0.003	0.006	0.003	0.003	0.004	0.003	0.003	0.003	0.004	0.004	0.004	0.003	0.007	0.006
	0.004	0.003	0.004	0.003	0.005	0.005	0.004	0.003	0.003	0.002	0.004	0.006	0.039	0.003	0.002	0.003	0.004	0.003	0.003	0.003	0.003	0.003	0.003	0.003
Avg	0.004	0.004	0.005	0.006	0.005	0.004	0.004	0.003	0.004	0.004	0.004	0.005	0.012	0.004	0.003	0.003	0.004	0.003	0.006	0.006	0.004	0.003	0.004	0.005
											CYA	NIDE (mg/	L) 2001											
		JAN		FEB		MAR		APR				JUN		JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	0.005	0.005	0.006	0.006	0.006	0.005	0.003	0.004	0.002 MAY	0.003	0.003	0.003	0.003	0.003	0.003	0.002	0.003	<0.002	0.002	<	0.003	0.003	0.004	0.003
2	0.004	0.004	0.004	0.003	0.003	0.004	0.004	0.004	0.002	0.003	0.003	0.003	0.003	0.003	0.005	0.005	0.003	0.003	<0.002	0.002 <0.002	0.003	0.003	0.004	0.003
3	0.004	0.004	0.004	0.003	0.003	0.004	0.004	0.004	0.002	0.003	0.003	0.003	0.003	0.003	<0.003	<0.003	<0.003	0.003	0.002	0.002	0.003	0.003	<0.004	<0.003
4	0.003	0.003	0.000	0.000	0.004	0.003	0.002	0.003	0.002	0.003	0.004	0.003	0.000	0.000	<0.002	<0.002	<0.002	0.002	<0.002	<0.002	0.003	0.003	<0.002	<0.002
Avg	0.004	0.004	0.005	0.005	0.004	0.004	0.003	0.004	0.003	0.005	0.003	0.003	0.003	0.003	0.002	0.003	0.003	0.002	0.001	0.003	0.003	0.003	0.002	0.002
•																								
											CYA	NIDE (mg/	L) 2002											
		JAN		FEB		MAR		APR				JUN	-	JUL		AUG		SEP		ОСТ		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	MAR Eff	Inf	Eff	Inf	Eff	Inf	JUN Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	0.003	Eff 0.002	0.01	Eff 0.009		Eff	0.003	Eff 0.003	0.005 MAY	0.005	Inf 0.004	JUN Eff 0.003	Inf 0.003	Eff 0.002	0.002	Eff 0.003	0.003	Eff 0.003	0.002	Eff 0.002	0.003	Eff 0.003	0.003	Eff 0.003
1 2	0.003 0.004	Eff 0.002 0.003	0.01 0.007	Eff 0.009 0.006	0.004	Eff 0.006	0.003	Eff 0.003 0.003	0.005 MAY 0.006	0.005 0.007	Inf 0.004 0.002	JUN Eff 0.003 0.002	Inf 0.003 0.003	Eff 0.002 0.003	0.002	Eff 0.003 0.002	0.003 0.005	Eff 0.003 0.003	0.002	Eff 0.002 0.003	0.003 0.003	Eff 0.003 0.003	0.003 0.003	Eff 0.003 0.002
1 2 3	0.003	Eff 0.002	0.01 0.007 0.004	Eff 0.009 0.006 0.004	0.004 0.003	Eff 0.006 0.004	0.003 0.002 0.003	Eff 0.003 0.003 0.003	0.005 MAY	0.005	Inf 0.004 0.002 0.003	JUN Eff 0.003 0.002 <0.002	Inf 0.003 0.003 0.004	Eff 0.002 0.003 0.005	0.002 0.003 <0.002	Eff 0.003 0.002 0.002	0.003 0.005 0.004	Eff 0.003 0.003 0.004	0.002 0.003 0.002	Eff 0.002 0.003 0.002	0.003	Eff 0.003	0.003 0.003 0.002	Eff 0.003 0.002 0.002
1 2 3 4	0.003 0.004 0.006	Eff 0.002 0.003 0.01	0.01 0.007 0.004 0.004	Eff 0.009 0.006 0.004 0.009	0.004 0.003 0.003	Eff 0.006 0.004 0.004	0.003 0.002 0.003 0.003	Eff 0.003 0.003 0.003 0.003	0.005 MAY 0.006 0.005	0.005 0.007 0.004	Inf 0.004 0.002 0.003 0.003	JUN Eff 0.003 0.002 <0.002 0.003	Inf 0.003 0.003 0.004 0.003	Eff 0.002 0.003 0.005 0.002	0.002 0.003 <0.002 0.003	Eff 0.003 0.002 0.002 0.003	0.003 0.005 0.004 0.004	Eff 0.003 0.003 0.004 0.003	0.002 0.003 0.002 0.003	Eff 0.002 0.003 0.002 0.003	0.003 0.003 0.003	Eff 0.003 0.003 0.003	0.003 0.003 0.002 0.002	Eff 0.003 0.002 0.002 <0.002
1 2 3	0.003 0.004	Eff 0.002 0.003	0.01 0.007 0.004	Eff 0.009 0.006 0.004	0.004 0.003	Eff 0.006 0.004	0.003 0.002 0.003	Eff 0.003 0.003 0.003	0.005 MAY 0.006	0.005 0.007	Inf 0.004 0.002 0.003	JUN Eff 0.003 0.002 <0.002	Inf 0.003 0.003 0.004	Eff 0.002 0.003 0.005	0.002 0.003 <0.002	Eff 0.003 0.002 0.002	0.003 0.005 0.004	Eff 0.003 0.003 0.004	0.002 0.003 0.002	Eff 0.002 0.003 0.002	0.003 0.003	Eff 0.003 0.003	0.003 0.003 0.002	Eff 0.003 0.002 0.002
1 2 3 4	0.003 0.004 0.006	Eff 0.002 0.003 0.01	0.01 0.007 0.004 0.004	Eff 0.009 0.006 0.004 0.009	0.004 0.003 0.003	Eff 0.006 0.004 0.004	0.003 0.002 0.003 0.003	Eff 0.003 0.003 0.003 0.003	0.005 MAY 0.006 0.005	0.005 0.007 0.004	Inf 0.004 0.002 0.003 0.003 0.003	JUN Eff 0.003 0.002 <0.002 0.003	Inf 0.003 0.003 0.004 0.003 0.003	Eff 0.002 0.003 0.005 0.002	0.002 0.003 <0.002 0.003	Eff 0.003 0.002 0.002 0.003	0.003 0.005 0.004 0.004	Eff 0.003 0.003 0.004 0.003	0.002 0.003 0.002 0.003	Eff 0.002 0.003 0.002 0.003	0.003 0.003 0.003	Eff 0.003 0.003 0.003	0.003 0.003 0.002 0.002	Eff 0.003 0.002 0.002 <0.002
1 2 3 4	0.003 0.004 0.006	Eff 0.002 0.003 0.01	0.01 0.007 0.004 0.004	Eff 0.009 0.006 0.004 0.009	0.004 0.003 0.003	Eff 0.006 0.004 0.004	0.003 0.002 0.003 0.003	Eff 0.003 0.003 0.003 0.003 0.003	0.005 MAY 0.006 0.005	0.005 0.007 0.004	Inf 0.004 0.002 0.003 0.003 0.003	JUN Eff 0.003 0.002 <0.002 0.003 0.002 NIDE (mg/ JUN	Inf 0.003 0.003 0.004 0.003 0.003	Eff 0.002 0.003 0.005 0.002	0.002 0.003 <0.002 0.003	Eff 0.003 0.002 0.002 0.003	0.003 0.005 0.004 0.004	Eff 0.003 0.003 0.004 0.003	0.002 0.003 0.002 0.003	Eff 0.002 0.003 0.002 0.003 0.003	0.003 0.003 0.003	Eff 0.003 0.003 0.003 0.003 NOV	0.003 0.003 0.002 0.002	Eff 0.003 0.002 0.002 <0.002 0.002 DEC
1 2 3 4	0.003 0.004 0.006 0.004	Eff 0.002 0.003 0.01 0.005 JAN Eff	0.01 0.007 0.004 0.004 0.006	Eff 0.009 0.006 0.004 0.009 0.007 FEB Eff	0.004 0.003 0.003 0.003	Eff 0.006 0.004 0.004 0.005 MAR Eff	0.003 0.002 0.003 0.003 0.003	Eff 0.003 0.003 0.003 0.003 0.003 APR Eff	0.005 MAY 0.006 0.005 0.005	0.005 0.007 0.004 0.005	Inf 0.004 0.002 0.003 0.003 0.003 CYA Inf	JUN Eff 0.003 0.002 <0.002 0.003 0.002 NIDE (mg/ JUN Eff	Inf 0.003 0.003 0.004 0.003 0.003 L) 2003 Inf	Eff 0.002 0.003 0.005 0.002 0.003 JUL Eff	0.002 0.003 <0.002 0.003 0.002	Eff 0.003 0.002 0.002 0.003 0.003 AUG Eff	0.003 0.005 0.004 0.004 0.004	Eff 0.003 0.003 0.004 0.003 0.003 SEP Eff	0.002 0.003 0.002 0.003 0.003	Eff 0.002 0.003 0.002 0.003 0.003 OCT Eff	0.003 0.003 0.003 0.003	Eff 0.003 0.003 0.003 0.003 NOV Eff	0.003 0.003 0.002 0.002 0.003	Eff 0.003 0.002 0.002 <0.002 0.002 DEC Eff
1 2 3 4 Avg Week	0.003 0.004 0.006 0.004 Inf nd	Eff 0.002 0.003 0.01 0.005 JAN Eff nd	0.01 0.007 0.004 0.004 0.006	Eff 0.009 0.006 0.004 0.009 0.007 FEB Eff 0.003	0.004 0.003 0.003 0.003 Inf ND	Eff 0.006 0.004 0.004 0.005 MAR Eff 0.003	0.003 0.002 0.003 0.003 0.003 Inf 0.002	Eff 0.003 0.003 0.003 0.003 0.003 APR Eff 0.002	0.005 0.005 0.005 0.005	0.005 0.007 0.004 0.005 Eff 0.005	Inf 0.004 0.002 0.003 0.003 0.003 CYA Inf 0.002	JUN Eff 0.003 0.002 <0.002 0.003 0.002 NIDE (mg/ JUN Eff 0.002	Inf 0.003 0.004 0.003 0.003 0.003 L) 2003 Inf ND	Eff 0.002 0.003 0.005 0.002 0.003 JUL Eff ND	0.002 0.003 <0.002 0.003 0.002 Inf 0.003	Eff 0.003 0.002 0.003 0.003 0.003 AUG Eff 0.003	0.003 0.005 0.004 0.004 0.004 Inf 0.002	Eff 0.003 0.004 0.003 0.003 0.003 SEP Eff 0.003	0.002 0.003 0.002 0.003 0.003	Eff 0.002 0.003 0.002 0.003 0.003 OCT Eff 0.004	0.003 0.003 0.003 0.003 Inf 0.002	Eff 0.003 0.003 0.003 0.003 0.003 NOV Eff 0.002	0.003 0.003 0.002 0.002 0.003	Eff 0.003 0.002 0.002 <0.002 0.002 DEC Eff 0.004
1 2 3 4 Avg Week	0.003 0.004 0.006 0.004 Inf nd 0.005	Eff 0.002 0.003 0.01 0.005 JAN Eff nd 0.005	0.01 0.007 0.004 0.004 0.006	Eff 0.009 0.006 0.004 0.009 0.007 FEB Eff 0.003 ND	0.004 0.003 0.003 0.003 Inf ND 0.003	Eff 0.006 0.004 0.005 0.005 MAR Eff 0.003 ND	0.003 0.002 0.003 0.003 0.003 Inf 0.002 0.002	Eff 0.003 0.003 0.003 0.003 0.003 0.003 APR Eff 0.002 0.002	0.905 0.006 0.005 0.005 Inf 0.903 ND	0.005 0.007 0.004 0.005 Eff 0.005 0.002	Inf 0.004 0.002 0.003 0.003 0.003 CYA Inf 0.002 0.002	JUN Eff 0.003 0.002 <0.002 0.003 0.002 NIDE (mg/ JUN Eff 0.002 0.002	Inf 0.003 0.003 0.004 0.003 0.003 L) 2003 Inf ND ND	Eff 0.002 0.003 0.005 0.002 0.003 JUL Eff ND 0.002	0.002 0.003 <0.002 0.003 0.002 Inf 0.003 ND	Eff 0.003 0.002 0.003 0.003 0.003 AUG Eff 0.003 0.004	0.003 0.005 0.004 0.004 0.004 Inf 0.002 0.002	Eff 0.003 0.004 0.003 0.004 0.003 0.003 SEP Eff 0.003 0.002	0.002 0.003 0.002 0.003 0.003 Inf 0.003 0.003	Eff 0.002 0.003 0.002 0.003 0.003 0.003 OCT Eff 0.004 0.004	0.003 0.003 0.003 0.003 0.003 Inf 0.002 0.003	Eff 0.003 0.003 0.003 0.003 0.003 NOV Eff 0.002 0.003	0.003 0.002 0.002 0.003 0.003	Eff 0.003 0.002 0.002 0.002 DEC Eff 0.004 0.003
1 2 3 4 Avg Week 1 2 3	0.003 0.004 0.006 0.004 Inf nd 0.005 0.004	Eff 0.002 0.003 0.01 0.005 JAN Eff nd 0.005 0.003	0.01 0.007 0.004 0.004 0.006 Inf 0.003 0.002 ND	Eff 0.009 0.006 0.004 0.009 0.007 FEB Eff 0.003 ND 0.002	0.004 0.003 0.003 0.003 Inf ND	Eff 0.006 0.004 0.004 0.005 MAR Eff 0.003	0.003 0.002 0.003 0.003 0.003 Inf 0.002 0.002 0.002	Eff 0.003 0.003 0.003 0.003 0.003 0.003 APR Eff 0.002 0.002 0.005	0.005 0.005 0.005 0.005 0.005	0.005 0.007 0.004 0.005 Eff 0.005 0.002 0.002	Inf 0.004 0.002 0.003 0.003 0.003 CYA Inf 0.002 0.002 0.002 ND	JUN Eff 0.003 0.002 <0.002 0.003 0.002 0.002 NIDE (mg/ JUN Eff 0.002 0.002 0.002	Inf 0.003 0.003 0.004 0.003 0.003 L) 2003 Inf ND ND 0.003	Eff 0.002 0.003 0.005 0.002 0.003 JUL Eff ND 0.002 0.003	0.002 0.003 <0.002 0.003 0.002 Inf 0.003 ND 0.004	Eff 0.003 0.002 0.002 0.003 0.003 AUG Eff 0.003 0.004 0.006	0.003 0.005 0.004 0.004 0.004 Inf 0.002	Eff 0.003 0.004 0.003 0.003 0.003 SEP Eff 0.003	0.002 0.003 0.002 0.003 0.003 0.003 Inf 0.003 0.003 0.003	Eff 0.002 0.003 0.002 0.003 0.003 0.003 0.003 0.004 0.004 0.004 0.003	0.003 0.003 0.003 0.003 0.003 Inf 0.002 0.003 0.002	Eff 0.003 0.003 0.003 0.003 0.003 NOV Eff 0.002 0.003 0.002	0.003 0.003 0.002 0.002 0.003 0.003 Inf 0.004 0.003 0.004	Eff 0.003 0.002 0.002 <0.002 0.002 DEC Eff 0.004 0.003 0.004
1 2 3 4 Avg Week 1 2 3 4	0.003 0.004 0.006 0.004 0.004 Inf nd 0.005 0.004 0.002	Eff 0.002 0.003 0.01 0.005 JAN Eff nd 0.005 0.003 0.002	0.01 0.007 0.004 0.004 0.006 Inf 0.003 0.002 ND 0.003	Eff 0.009 0.006 0.004 0.009 0.007 FEB Eff 0.003 ND 0.002 0.004	0.004 0.003 0.003 0.003 Inf ND 0.003 ND	Eff 0.006 0.004 0.005 MAR Eff 0.003 ND 0.003	0.003 0.002 0.003 0.003 0.003 0.003 Inf 0.002 0.002 0.002 0.004 ND	Eff 0.003 0.003 0.003 0.003 0.003 0.003 APR Eff 0.002 0.002 0.002 0.005 0.003	0.005 0.006 0.005 0.005 0.005 0.005 0.003 ND ND ND	0.005 0.007 0.004 0.005 Eff 0.005 0.002 0.002 0.002	Inf 0.004 0.002 0.003 0.003 0.003 CYA Inf 0.002 0.002 ND 0.002	JUN Eff 0.003 0.002 <0.002 0.003 0.002 NIDE (mg/ JUN Eff 0.002 0.002 0.002 0.002	Inf 0.003 0.004 0.003 0.004 0.003 0.003 L) 2003 Inf ND ND 0.003 0.003 0.003 0.003 0.003 0.003 0.003 0.003 0.003 0.003 0.003 0.003 0.003 0.003 0.004 0.003 0.004 0.003 0.004 0.003 0.004 0.003 0.004 0.003 0.004 0.003 0.004 0.003 0.004 0.003 0.004 0.003 0.004 0.003 0.004 0.003 0.004 0.003 0.004 0.003 0.003 0.004 0.003 0.002 0.003 0.002 0.003 0.002 0.003 0.002 0.003 0.002 0.003 0.002 0.003 0.002 0.003 0.002 0.003 0.002 0.003 0.002 0.003 0.002 0.002 0.003 0.002 0.003 0.002 0.003 0.002 0.003 0.002 0.003 0.002 0.003 0.002 0.003 0.002 0.003 0.002 0.003 0.002 0.003 0.002 0.003 0.002 0.003 0.002 0.003 0.002 0.003 0.002 0.003 0.002 0.003 0.002 0.003 0.002 0.003 0.002 0.003 0.003 0.002 0.003 0.002 0.003 0.002 0.003 0.002 0.003 0.002 0.003 0.002 0.002 0.003 0.002 0.002 0.003 0.002 0.002 0.002 0.003 0.002 0.0	Eff 0.002 0.003 0.005 0.002 0.003 JUL Eff ND 0.002 0.003 ND	0.002 0.003 <0.002 0.003 0.002 Inf 0.003 ND 0.004 ND	Eff 0.003 0.002 0.003 0.003 0.003 AUG Eff 0.003 0.004 0.006 ND	0.003 0.005 0.004 0.004 0.004 0.004 Inf 0.002 0.002 0.002 ND	Eff 0.003 0.003 0.004 0.003 0.003 SEP Eff 0.003 0.002 0.003	0.002 0.003 0.002 0.003 0.003 0.003 0.003 0.003 0.003 0.003 0.004	Eff 0.002 0.003 0.002 0.003 0.003 0.003 0.004 0.004 0.004	0.003 0.003 0.003 0.003 0.003 0.003 0.002 0.003 0.002 0.002	Eff 0.003 0.003 0.003 0.003 0.003 NOV Eff 0.002 0.003 0.002 0.003	0.003 0.003 0.002 0.002 0.003 0.003 0.004 0.003 0.004 ND	Eff 0.003 0.002 0.002 0.002 0.002 DEC Eff 0.004 0.003 0.004 <0.002
1 2 3 4 Avg Week 1 2 3	0.003 0.004 0.006 0.004 Inf nd 0.005 0.004	Eff 0.002 0.003 0.01 0.005 JAN Eff nd 0.005 0.003	0.01 0.007 0.004 0.004 0.006 Inf 0.003 0.002 ND	Eff 0.009 0.006 0.004 0.009 0.007 FEB Eff 0.003 ND 0.002	0.004 0.003 0.003 0.003 Inf ND 0.003	Eff 0.006 0.004 0.005 0.005 MAR Eff 0.003 ND	0.003 0.002 0.003 0.003 0.003 Inf 0.002 0.002 0.002	Eff 0.003 0.003 0.003 0.003 0.003 0.003 APR Eff 0.002 0.002 0.005	0.005 0.005 0.005 0.005 0.005	0.005 0.007 0.004 0.005 Eff 0.005 0.002 0.002	Inf 0.004 0.002 0.003 0.003 0.003 CYA Inf 0.002 0.002 0.002 ND	JUN Eff 0.003 0.002 <0.002 0.003 0.002 0.002 NIDE (mg/ JUN Eff 0.002 0.002 0.002	Inf 0.003 0.003 0.004 0.003 0.003 L) 2003 Inf ND ND 0.003	Eff 0.002 0.003 0.005 0.002 0.003 JUL Eff ND 0.002 0.003	0.002 0.003 <0.002 0.003 0.002 Inf 0.003 ND 0.004	Eff 0.003 0.002 0.002 0.003 0.003 AUG Eff 0.003 0.004 0.006	0.003 0.005 0.004 0.004 0.004 Inf 0.002 0.002	Eff 0.003 0.004 0.003 0.004 0.003 0.003 SEP Eff 0.003 0.002	0.002 0.003 0.002 0.003 0.003 0.003 Inf 0.003 0.003 0.003	Eff 0.002 0.003 0.002 0.003 0.003 0.003 0.003 0.004 0.004 0.004 0.003	0.003 0.003 0.003 0.003 0.003 Inf 0.002 0.003 0.002	Eff 0.003 0.003 0.003 0.003 0.003 NOV Eff 0.002 0.003 0.002	0.003 0.003 0.002 0.002 0.003 0.003 Inf 0.004 0.003 0.004	Eff 0.003 0.002 0.002 <0.002 0.002 DEC Eff 0.004 0.003 0.004
1 2 3 4 Avg Week 1 2 3 4	0.003 0.004 0.006 0.004 0.004 Inf nd 0.005 0.004 0.002	Eff 0.002 0.003 0.01 0.005 JAN Eff nd 0.005 0.003 0.002	0.01 0.007 0.004 0.004 0.006 Inf 0.003 0.002 ND 0.003	Eff 0.009 0.006 0.004 0.009 0.007 FEB Eff 0.003 ND 0.002 0.004	0.004 0.003 0.003 0.003 Inf ND 0.003 ND	Eff 0.006 0.004 0.005 MAR Eff 0.003 ND 0.003	0.003 0.002 0.003 0.003 0.003 0.003 Inf 0.002 0.002 0.002 0.004 ND	Eff 0.003 0.003 0.003 0.003 0.003 0.003 APR Eff 0.002 0.002 0.002 0.005 0.003	0.005 0.006 0.005 0.005 0.005 0.005 0.003 ND ND ND	0.005 0.007 0.004 0.005 Eff 0.005 0.002 0.002 0.002	Inf 0.004 0.002 0.003 0.003 CYA Inf 0.002 0.002 ND 0.002 0.002	JUN Eff 0.003 0.002 <0.002 0.003 0.002 NIDE (mg/ JUN Eff 0.002 0.002 0.002 0.002	Inf 0.003 0.003 0.004 0.003 0.003 L) 2003 Inf ND ND 0.003 0.002 0.001	Eff 0.002 0.003 0.005 0.002 0.003 JUL Eff ND 0.002 0.003 ND	0.002 0.003 <0.002 0.003 0.002 Inf 0.003 ND 0.004 ND	Eff 0.003 0.002 0.003 0.003 0.003 AUG Eff 0.003 0.004 0.006 ND	0.003 0.005 0.004 0.004 0.004 0.004 Inf 0.002 0.002 0.002 ND	Eff 0.003 0.003 0.004 0.003 0.003 SEP Eff 0.003 0.002 0.003	0.002 0.003 0.002 0.003 0.003 0.003 0.003 0.003 0.003 0.003 0.004	Eff 0.002 0.003 0.002 0.003 0.003 0.003 0.004 0.004 0.004	0.003 0.003 0.003 0.003 0.003 0.003 0.002 0.003 0.002 0.002	Eff 0.003 0.003 0.003 0.003 0.003 NOV Eff 0.002 0.003 0.002 0.003	0.003 0.003 0.002 0.002 0.003 0.003 0.004 0.003 0.004 ND	Eff 0.003 0.002 0.002 0.002 0.002 DEC Eff 0.004 0.003 0.004 <0.002
1 2 3 4 Avg Week 1 2 3 4	0.003 0.004 0.006 0.004 0.004 Inf nd 0.005 0.004 0.002	Eff 0.002 0.003 0.01 0.005 JAN Eff nd 0.005 0.003 0.002	0.01 0.007 0.004 0.004 0.006 Inf 0.003 0.002 ND 0.003	Eff 0.009 0.006 0.004 0.009 0.007 FEB Eff 0.003 ND 0.002 0.004	0.004 0.003 0.003 0.003 Inf ND 0.003 ND	Eff 0.006 0.004 0.005 MAR Eff 0.003 ND 0.003	0.003 0.002 0.003 0.003 0.003 0.003 Inf 0.002 0.002 0.002 0.004 ND	Eff 0.003 0.003 0.003 0.003 0.003 0.003 APR Eff 0.002 0.002 0.002 0.005 0.003	0.005 0.006 0.005 0.005 0.005 0.005 0.003 ND ND ND	0.005 0.007 0.004 0.005 Eff 0.005 0.002 0.002 0.002	Inf 0.004 0.002 0.003 0.003 CYA Inf 0.002 0.002 ND 0.002 0.002	JUN Eff 0.003 0.002 <0.002 0.002 NIDE (mg/ JUN Eff 0.002 0.002 0.002 0.002 0.002 0.002 0.002	Inf 0.003 0.003 0.004 0.003 0.003 L) 2003 Inf ND ND 0.003 0.002 0.001	Eff 0.002 0.003 0.005 0.002 0.003 JUL Eff ND 0.002 0.003 ND	0.002 0.003 <0.002 0.003 0.002 Inf 0.003 ND 0.004 ND	Eff 0.003 0.002 0.003 0.003 0.003 AUG Eff 0.003 0.004 0.006 ND	0.003 0.005 0.004 0.004 0.004 0.004 Inf 0.002 0.002 0.002 ND	Eff 0.003 0.003 0.004 0.003 0.003 SEP Eff 0.003 0.002 0.003	0.002 0.003 0.002 0.003 0.003 0.003 0.003 0.003 0.003 0.003 0.004	Eff 0.002 0.003 0.002 0.003 0.003 0.003 0.004 0.004 0.004	0.003 0.003 0.003 0.003 0.003 0.003 0.002 0.003 0.002 0.002	Eff 0.003 0.003 0.003 0.003 0.003 NOV Eff 0.002 0.003 0.002 0.003	0.003 0.003 0.002 0.002 0.003 0.003 0.004 0.003 0.004 ND	Eff 0.003 0.002 0.002 0.002 0.002 DEC Eff 0.004 0.003 0.004 <0.002
1 2 3 4 Avg Week 1 2 3 4	0.003 0.004 0.006 0.004 Inf nd 0.004 0.004 0.002 0.003	Eff 0.002 0.003 0.01 0.005 JAN Eff 0.005 0.003 0.002 0.003 0.002 JAN Eff	0.01 0.007 0.004 0.004 0.006 Inf 0.003 0.002 ND 0.003	Eff 0.009 0.006 0.004 0.009 0.007 FEB Eff 0.003 ND 0.002 0.004 0.002	0.004 0.003 0.003 0.003 Inf ND 0.003 ND 0.001 Inf	Eff 0.006 0.004 0.004 0.005 MAR Eff 0.003 ND 0.003 0.002 MAR Eff	0.003 0.002 0.003 0.003 0.003 0.003 0.002 0.002 0.002 0.002 0.002 0.002	Eff 0.003 0.003 0.003 0.003 0.003 0.003 APR Eff 0.002 0.005 0.003 0.003 0.003 0.003	0.005 0.005 0.005 0.005 0.005 0.005 0.005 0.004 ND ND 0.001	0.005 0.007 0.004 0.005 Eff 0.005 0.002 0.002 0.002 0.002 0.003 Eff	Inf 0.004 0.002 0.003 0.003 CYA Inf 0.002 0.002 ND 0.002 0.002 CYA Inf	JUN Eff 0.003 0.002 <0.002 0.002 0.002 JUN Eff 0.002 0.	Inf 0.003 0.003 0.004 0.003 0.003 1.) 2003 Inf ND 0.003 0.002 0.001 L) 2004 Inf	Eff 0.002 0.003 0.005 0.002 0.003 JUL Eff 0.002 0.003 ND 0.001 JUL Eff	0.002 0.003 <0.002 0.003 0.002 Inf 0.003 ND 0.004 ND 0.002 Inf	Eff 0.003 0.002 0.003 0.003 0.003 AUG Eff 0.003 0.004 ND 0.003 AUG Eff	0.003 0.005 0.004 0.004 0.004 0.004 0.004 0.002 ND 0.002 ND	Eff 0.003 0.004 0.003 0.003 0.003 SEP Eff 0.003 0.003 0.003 SEP Eff	0.002 0.003 0.002 0.003 0.003 0.003 0.003 0.003 0.003 0.003 0.004 0.003	Eff 0.002 0.003 0.002 0.003 0.003 0.003 0.004 0.004 0.004 0.004 0.004 0.004 0.004 0.004 0.004	0.003 0.003 0.003 0.003 0.003 0.002 0.002 0.002 0.002 0.002	Eff 0.003 0.003 0.003 0.003 0.003 NOV Eff 0.002 0.003 0.003 0.003 0.003 NOV Eff	0.003 0.003 0.002 0.002 0.003 0.003 0.004 ND 0.003 0.004 ND	Eff 0.003 0.002 0.002 0.002 0.002 DEC Eff 0.004 0.004 0.004 0.004 0.004 0.004 0.004 0.004 0.002 0.004 0.002
1 2 3 4 Avg Week 1 2 3 4 Avg Week 1	0.003 0.004 0.006 0.004 Inf nd 0.005 0.004 0.002 0.003 Inf 0.003	Eff 0.002 0.003 0.01 0.005 JAN Eff nd 0.005 0.003 0.002 0.003 JAN Eff 0.003	0.01 0.007 0.004 0.004 0.006 Inf 0.003 0.002 ND 0.003 0.002	Eff 0.009 0.006 0.004 0.009 0.007 FEB Eff 0.003 ND 0.002 0.004 0.002 FEB Eff	0.004 0.003 0.003 0.003 Inf 0.003 ND 0.001 Inf 0.003	Eff 0.006 0.004 0.004 0.005 MAR Eff 0.003 ND 0.003 0.002 MAR Eff 0.003	0.003 0.002 0.003 0.003 0.003 0.003 0.002 0.002 0.002 0.002 0.002 0.002 0.002 0.002	Eff 0.003 0.003 0.003 0.003 0.003 0.003 APR Eff 0.002 0.005 0.003 0.003 APR Eff 0.002 0.003 0.003	0.005 0.005 0.005 0.005 0.005 0.005 0.003 ND ND 0.001 0.001	0.005 0.007 0.004 0.005 Eff 0.005 0.002 0.002 0.002 0.002 0.003 Eff 0.003	Inf 0.004 0.002 0.003 0.003 CYA Inf 0.002 0.002 ND 0.002 0.002 CYA Inf 0.002 0.002 0.002 0.002 0.002 0.002 0.002 0.002 0.002 0.002 0.002 0.002 0.002 0.002 0.002 0.002 0.003 0.003 0.003 0.003 0.003 0.003 0.003 0.003 0.003 0.003 0.003 0.003 0.003 0.003 0.003 0.003 0.003 0.002 0	JUN Eff 0.003 0.002 <0.002 0.002	Inf 0.003 0.003 0.004 0.003 0.003 1.) 2003 Inf ND 0.003 0.002 0.001 L) 2004 Inf 0.003	Eff 0.002 0.003 0.005 0.002 0.003 JUL Eff ND 0.002 0.003 ND 0.001 JUL Eff 0.001	0.002 0.003 <0.002 0.003 0.002 Inf 0.003 ND 0.004 ND 0.002 Inf 0.003	Eff 0.003 0.002 0.003 0.003 0.003 AUG Eff 0.003 0.004 0.006 ND 0.003 AUG Eff	0.003 0.005 0.004 0.004 0.004 0.004 0.002 ND 0.002 ND 0.001 Inf 0.003	Eff 0.003 0.003 0.004 0.003 0.003 0.003 0.003 0.003 0.003 0.003 0.003 SEP Eff 0.003 0.003 0.003	0.002 0.003 0.002 0.003 0.003 0.003 0.003 0.003 0.003 0.004 0.003 0.003	Eff 0.002 0.003 0.002 0.003 0.003 0.003 0.004 0.004 0.004 0.004 0.004 0.004 0.004 0.004 0.004 0.004 0.004 0.004 0.004 0.002 0.003 0.002 0.003 0.002 0.003 0.002 0.003 0.002 0.003 0.002 0.003 0.002 0.003 0.002 0.003 0.002 0.003 0.002 0.003 0.002 0.003 0.002 0.003 0.002 0.003 0.002 0.003 0.003 0.002 0.003 0.003 0.004 0.002 0.02	0.003 0.003 0.003 0.003 0.003 0.002 0.002 0.002 0.002	Eff 0.003 0.003 0.003 0.003 0.003 NOV Eff 0.002 0.003 0.003 0.003 0.003 NOV Eff 0.003 0.003	0.003 0.003 0.002 0.002 0.003 0.004 0.004 0.003 0.004 ND 0.003 0.003 0.003	Eff 0.003 0.002 0.002 0.002 0.002 DEC Eff 0.004 0.003 0.004 <0.002 0.004 EFF 0.004
1 2 3 4 Avg Week 1 2 3 4 Avg Week 1 2	0.003 0.004 0.006 0.004 0.004 0.005 0.004 0.002 0.003 0.003 0.003 0.004	Eff 0.002 0.003 0.01 0.005 JAN Eff nd 0.005 0.003 0.002 0.003 JAN Eff 0.003 0.003 0.003 0.003	0.01 0.007 0.004 0.004 0.006 Inf 0.003 0.002 ND 0.003 0.002 Inf 0.003	Eff 0.009 0.006 0.004 0.009 0.007 FEB Eff 0.003 ND 0.002 0.004 0.002 FEB Eff 0.003	0.004 0.003 0.003 0.003 0.003 Inf 0.003 ND 0.001 Inf 0.003 0.003 0.003	Eff 0.006 0.004 0.005 MAR Eff 0.003 ND 0.003 0.002 MAR Eff 0.003 0.002	0.003 0.002 0.003 0.003 0.003 0.003 0.003 0.002 0.004 ND 0.002 0.004 ND 0.002	Eff 0.003 0.003 0.003 0.003 0.003 0.003 APR Eff 0.002 0.005 0.003 0.003 APR Eff 0.002 0.003 0.003 0.003	0.005 0.005 0.005 0.005 0.005 0.005 0.005 ND ND ND ND 0.001 0.001	0.005 0.007 0.004 0.005 Eff 0.005 0.002 0.002 0.002 0.002 0.003 Eff 0.002 0.003	Inf 0.004 0.002 0.003 0.003 CYA Inf 0.002 0.002 ND 0.002 CYA Inf 0.002 ND	JUN Eff 0.003 0.002 <0.002 0.003 0.002 0.002 JUN Eff 0.002 0.	Inf 0.003 0.003 0.004 0.003 0.003 1.) 2003 Inf ND 0.003 0.002 0.001 L) 2004 Inf	Eff 0.002 0.003 0.005 0.002 0.003 JUL Eff 0.002 0.003 ND 0.001 JUL Eff	0.002 0.003 <0.002 0.003 0.002 Inf 0.003 ND 0.004 ND 0.004 ND 0.002 Inf 0.003 ND	Eff 0.003 0.002 0.003 0.003 0.003 AUG Eff 0.003 0.004 0.006 ND 0.003 AUG Eff	0.003 0.005 0.004 0.004 0.004 0.004 0.004 0.002 0.002 ND 0.001 0.001 0.003 ND	Eff 0.003 0.003 0.004 0.003 0.003 SEP Eff 0.003 0.003 0.003 SEP Eff 0.003 0.003 0.003	0.002 0.003 0.002 0.003 0.003 0.003 0.003 0.003 0.003 0.003 0.004 0.003 0.003 0.003	Eff 0.002 0.003 0.002 0.003 0.003 0.003 0.004 0.004 0.004 0.004 0.004 0.004 0.004 0.004 0.004 0.004 0.004 0.002 ND	0.003 0.003 0.003 0.003 0.003 0.002 0.002 0.002 0.002 0.002 0.002 0.002	Eff 0.003 0.003 0.003 0.003 0.003 NOV Eff 0.002 0.003 0.003 0.003 0.003 NOV Eff 0.003 0.003 0.003	0.003 0.003 0.002 0.002 0.003 0.004 0.003 0.004 ND 0.003 0.004 ND 0.003 0.003	Eff 0.003 0.002 0.002 <0.002 0.002 DEC Eff 0.004 <0.003 0.004 <0.002 0.004 Eff 0.003 0.003 0.003 0.003
1 2 3 4 Avg Week 1 2 3 4 Avg Week 1 2 3	0.003 0.004 0.006 0.004 0.004 0.005 0.004 0.005 0.004 0.002 0.003 0.004 0.003 0.004 0.002	Eff 0.002 0.003 0.01 0.005 JAN Eff nd 0.005 0.003 0.002 0.003 JAN Eff 0.003 0.003 0.003 0.003 0.003	0.01 0.007 0.004 0.004 0.006 Inf 0.003 0.002 ND 0.003 0.002 Inf 0.003 0.002	Eff 0.009 0.006 0.004 0.009 0.007 FEB Eff 0.003 ND 0.002 0.004 0.002 FEB Eff 0.003 0.002	0.004 0.003 0.003 0.003 0.003 Inf 0.003 ND 0.001 Inf 0.003 0.003 0.003 0.003	Eff 0.006 0.004 0.005 MAR Eff 0.003 ND 0.003 0.002 MAR Eff 0.003 0.002	0.003 0.002 0.003 0.003 0.003 0.003 0.003 0.002 0.004 ND 0.002 0.004 ND 0.002	Eff 0.003 0.003 0.003 0.003 0.003 0.003 APR Eff 0.002 0.005 0.003 0.003 APR Eff 0.002 ND 0.002 ND 0.002	0.005 0.005 0.005 0.005 0.005 0.005 0.005 ND ND ND ND ND ND 0.001 0.001	0.005 0.007 0.004 0.005 Eff 0.005 0.002 0.002 0.002 0.002 0.003 Eff 0.002 0.003 <0.003	Inf 0.004 0.002 0.003 0.003 CYA Inf 0.002 0.002 ND 0.002 CYA Inf 0.002 ND 0.002 0.0	JUN Eff 0.003 0.002 <0.002 0.003 0.002 0.002 INIDE (mg/ JUN Eff 0.002 0.02	Inf 0.003 0.003 0.004 0.003 0.003 1.) 2003 Inf ND ND 0.003 0.002 0.001 L) 2004 Inf 0.003 ND 1.) 2004	Eff 0.002 0.003 0.005 0.002 0.003 JUL Eff ND 0.002 0.003 ND 0.001 JUL Eff 0.003 ND	0.002 0.003 <0.002 0.003 0.002 Inf 0.003 ND 0.004 ND 0.004 ND 0.002 Inf 0.003 ND 0.003	Eff 0.003 0.002 0.003 0.003 0.003 AUG Eff 0.003 0.004 0.006 ND 0.003 AUG Eff	0.003 0.005 0.004 0.004 0.004 0.004 0.002 0.002 0.002 ND 0.001 Inf 0.003 ND 0.007	Eff 0.003 0.003 0.004 0.003 0.003 SEP Eff 0.003 0.003 0.003 SEP Eff 0.003 0.003 0.003	0.002 0.003 0.002 0.003 0.003 0.003 0.003 0.003 0.003 0.004 0.003 0.003 0.003 0.003 0.003 0.003	Eff 0.002 0.003 0.002 0.003 0.003 0.003 0.004 0.004 0.004 0.004 0.004 0.004 0.004 0.004 0.004 0.004 0.004 0.004 0.003 0.002 ND 0.002 0.003	0.003 0.003 0.003 0.003 0.003 0.002 0.002 0.002 0.002 0.002 0.005 0.005 0.002	Eff 0.003 0.003 0.003 0.003 0.003 NOV Eff 0.002 0.003 0.003 0.003 0.003 NOV Eff 0.005 0.005 0.002 0.003	0.003 0.003 0.002 0.002 0.003 0.004 0.003 0.004 ND 0.003 0.004 ND 0.003 0.004 0.003	Eff 0.003 0.002 0.002 0.002 0.002 DEC Eff 0.004 0.003 0.004 -0.002 0.004 0.003 0.003 0.003 0.003 0.003 0.003 0.003
1 2 3 4 Avg Week 1 2 3 4 Avg Week 1 2	0.003 0.004 0.006 0.004 0.004 0.005 0.004 0.002 0.003 0.003 0.003 0.004	Eff 0.002 0.003 0.01 0.005 JAN Eff nd 0.005 0.003 0.002 0.003 JAN Eff 0.003 0.003 0.003 0.003	0.01 0.007 0.004 0.004 0.006 Inf 0.003 0.002 ND 0.003 0.002 Inf 0.003	Eff 0.009 0.006 0.004 0.009 0.007 FEB Eff 0.003 ND 0.002 0.004 0.002 FEB Eff 0.003	0.004 0.003 0.003 0.003 0.003 Inf 0.003 ND 0.001 Inf 0.003 0.003 0.003	Eff 0.006 0.004 0.005 MAR Eff 0.003 ND 0.003 0.002 MAR Eff 0.003 0.002	0.003 0.002 0.003 0.003 0.003 0.003 0.003 0.002 0.004 ND 0.002 0.004 ND 0.002	Eff 0.003 0.003 0.003 0.003 0.003 0.003 APR Eff 0.002 0.005 0.003 0.003 APR Eff 0.002 0.003 0.003 0.003	0.005 0.005 0.005 0.005 0.005 0.005 0.005 ND ND ND ND 0.001 0.001	0.005 0.007 0.004 0.005 Eff 0.005 0.002 0.002 0.002 0.002 0.003 Eff 0.002 0.003	Inf 0.004 0.002 0.003 0.003 CYA Inf 0.002 0.002 ND 0.002 CYA Inf 0.002 ND	JUN Eff 0.003 0.002 <0.002 0.003 0.002 0.002 JUN Eff 0.002 0.	Inf 0.003 0.003 0.004 0.003 0.003 1.) 2003 Inf ND 0.003 0.002 0.001 L) 2004 Inf 0.003	Eff 0.002 0.003 0.005 0.002 0.003 JUL Eff ND 0.002 0.003 ND 0.001 JUL Eff 0.001	0.002 0.003 <0.002 0.003 0.002 Inf 0.003 ND 0.004 ND 0.004 ND 0.002 Inf 0.003 ND	Eff 0.003 0.002 0.003 0.003 0.003 AUG Eff 0.003 0.004 0.006 ND 0.003 AUG Eff	0.003 0.005 0.004 0.004 0.004 0.004 0.004 0.002 0.002 ND 0.001 0.001 0.003 ND	Eff 0.003 0.003 0.004 0.003 0.003 SEP Eff 0.003 0.003 0.003 SEP Eff 0.003 0.003 0.003	0.002 0.003 0.002 0.003 0.003 0.003 0.003 0.003 0.003 0.003 0.004 0.003 0.003 0.003	Eff 0.002 0.003 0.002 0.003 0.003 0.003 0.004 0.004 0.004 0.004 0.004 0.004 0.004 0.004 0.004 0.004 0.004 0.002 ND	0.003 0.003 0.003 0.003 0.003 0.002 0.002 0.002 0.002 0.002 0.002 0.002	Eff 0.003 0.003 0.003 0.003 0.003 NOV Eff 0.002 0.003 0.003 0.003 0.003 NOV Eff 0.003 0.003 0.003	0.003 0.003 0.002 0.002 0.003 0.004 0.003 0.004 ND 0.003 0.004 ND 0.003 0.003	Eff 0.003 0.002 0.002 0.002 0.002 DEC Eff 0.004 0.003 0.004 <0.002 0.004 DEC Eff 0.003 0.003 0.003 0.003

											JENT RAD		pCi/L) 1											
\ \ /l		JAN	- luch -	FEB	- I I	h	- luch -	APR	- I I	MAY	- luch -	JUN		JUL	- 1 - 1	AUG	- I - I - -	SEP		OCT		NOV	- I - I - -	DEC
Week	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta
1	1 5	20.1	1.4	26.1	2.191AR	18.7	4.2	28.9	0.2	41 E	1.7	29.2	0.7	21.7	0.7	21.7	0.2	24 7	2	43.4	1	24	4.3	31.8
2 3	1.5	30.1							-0.2	41.5							0.3	36.7			1	34		
3																								
Avg	1.5	30.1	1.4	26.1	2.8	18.7	4.2	28.9	-0.2	41.5	1.7	29.2	0.7	21.7	0.7	21.7	0.3	36.7	2	43.4	1	34	4.3	31.8
nug	1.5	50.1	1.4	20.1	2.0	10.7	7.2	20.7	0.2		JENT RAD				0.7	21.7	0.5	30.7	2	40.4		54	4.5	51.0
		JAN		FEB				APR		MAY		JUN	,pon _, _,	JUL		AUG		SEP		OCT		NOV		DEC
Week	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta
1	3.1	29.6			2.MAR				2.8	36.4	1.8	28.1	3.3	33.7			1.3	36.2			0.7	25.2	1.7	29.2
2			1.9	35.8			2	30.4							2.5	34.6								
3																			1.8	31.9				
4																								
Avg	3.1	29.6	1.9	35.8	2.5	32.9	2	30.4	2.8	36.4	1.8	28.1	3.3	33.7	2.5	34.6	1.3	36.2	1.8	31.9	0.7	25.2	1.7	29.2
										EFFLU	JENT RAD	IATION (pCi/L) 20	001										
		JAN		FEB				APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC
Week	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta
1	0.3	28	2.1	37	2.MAR	30.7	1.6	26.3			0.8	31.2			0.6	31.1	1	37.4			1.4	29.9	2.9	29.2
2									1.7	37.2			0.9	33.4					1.8	35.3				
3																								
4																								
Avg	0.3	28	2.1	37	2.6	30.7	1.6	26.3	1.7	37.2	0.8	31.2	0.9	33.4	0.6	31.1	1	37.4	1.8	35.3	1.4	29.9	2.9	29.2
										FFFU			- 0: (1) 0	000										
		JAN		FEB				APR		MAY	JENT RAD	JUN	pci/l) 2	JUZ		AUG		SEP		ОСТ		NOV		DEC
Week	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alaba	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta
1	2.7	28.5	1.5	37.1			1.9	32.5	1.9	13.3	1.2	35.7	0.7	21.5	alpha	Deta	0.1	27.9	1.5	14.9	1.3	25.5	0.8	14.9
2	2.1	20.0	1.5	37.1	1.MAAR	33.4	1.9	32.0	1.9	13.5	1.2	33.7	0.7	21.5	1.8	12.2	0.1	27.9	1.5	14.9	1.5	25.5	0.0	14.7
3															1.0	12.2								
4																								
Avg	2.7	28.5	1.5	37.1																				
5					1.6	33.4	1.9	32.5	1.9	13.3	1.2	35.7	0.7	21.5	1.8	12.2	0.1	27.9	1.5	14.9	1.3	25.5	0.8	14.9
				57.1	1.6	33.4	1.9	32.5	1.9	13.3	1.2	35.7	0.7	21.5	1.8	12.2	0.1	27.9	1.5	14.9	1.3	25.5	0.8	14.9
				57.1	1.6	33.4	1.9	32.5	1.9						1.8	12.2	0.1	27.9	1.5	14.9	1.3	25.5	0.8	14.9
		JAN		FEB	1.6	33.4	1.9		1.9		1.2 Jent Rad				1.8	12.2 AUG	0.1		1.5	14.9 OCT	1.3		0.8	
Week	alpha	JAN beta	alpha		1.6 alpha		1.9 alpha	32.5 APR beta		EFFLU		NATION (pCi/L) 2	003				27.9 SEP beta	1.5 alpha		1.3 alpha	25.5 NOV beta	0.8 alpha	14.9 DEC beta
Week	alpha 1.2		alpha 3.5	FEB	alpha	beta		APR	1.9 alpha 1.0	EFFLU MAY	JENT RAD	IATION (JUN		003 JUL	1.8 alpha 1.7	AUG	0.1 alpha	SEP		ОСТ		NOV		DEC
		beta		FEB beta		beta	alpha	APR beta	alpha	EFFLL MAY beta	JENT RAD	IATION (JUN beta	pCi/L) 20 alpha	003 JUL beta	alpha	AUG beta	alpha	SEP beta	alpha	OCT beta	alpha	NOV beta	alpha	DEC beta
1		beta		FEB beta	alpha	beta	alpha	APR beta	alpha	EFFLL MAY beta	JENT RAD	IATION (JUN beta	pCi/L) 20 alpha	003 JUL beta	alpha	AUG beta	alpha	SEP beta	alpha	OCT beta	alpha	NOV beta	alpha	DEC beta
1 2		beta		FEB beta	alpha	beta	alpha	APR beta	alpha	EFFLL MAY beta	JENT RAD	IATION (JUN beta	pCi/L) 20 alpha	003 JUL beta	alpha	AUG beta	alpha	SEP beta	alpha	OCT beta	alpha	NOV beta	alpha	DEC beta
1 2 3		beta		FEB beta	alpha	beta	alpha	APR beta	alpha	EFFLL MAY beta	JENT RAD	IATION (JUN beta	pCi/L) 20 alpha	003 JUL beta	alpha	AUG beta	alpha	SEP beta	alpha	OCT beta	alpha	NOV beta	alpha	DEC beta
1 2 3 4	1.2	beta 13.4	3.5	FEB beta 20.8	alpha 1,MAR	beta 20.0	alpha 3.0	APR beta 16.2	<u>alpha</u> 1.0	EFFLU MAY beta 20.0	JENT RAD alpha 2.6 2.6	DIATION (JUN beta 20.8	2pCi/L) 20 alpha 1.1 1.1	2003 JUL beta 20.9	alpha 1.7	AUG beta 20.4	alpha 1.1	SEP beta 19.9	alpha 0.2	OCT beta 23.4	alpha 0.3	NOV beta 9.9	<u>alpha</u> 1.1	DEC beta 31.7
1 2 3 4	1.2	beta 13.4 13.4	3.5	FEB beta 20.8 20.8	alpha 1,MAR	beta 20.0	alpha 3.0	APR beta 16.2 16.2	<u>alpha</u> 1.0	EFFLL MAY beta 20.0 20.0 EFFLL	JENT RAD alpha 2.6	DIATION (JUN beta 20.8 20.8	2pCi/L) 20 alpha 1.1 1.1	2003 JUL beta 20.9 20.9	alpha 1.7	AUG beta 20.4 20.4	alpha 1.1	SEP beta 19.9 19.9	alpha 0.2	OCT beta 23.4 23.4	alpha 0.3	NOV beta 9.9 9.9	<u>alpha</u> 1.1	DEC beta 31.7 31.7
1 2 3 4 Avg	1.2	beta 13.4 13.4 JAN	3.5	FEB beta 20.8 20.8 FEB	alpha 1⊮MAR 1.4	beta 20.0 20.0	alpha 3.0 3.0	APR beta 16.2 16.2 APR	alpha 1.0 1.0	EFFLL MAY beta 20.0 20.0 EFFLL MAY	JENT RAD	UATION (JUN beta 20.8 20.8 20.8	(pCi/L) 20 alpha 1.1 1.1	2003 JUL beta 20.9 20.9 20.9	alpha 1.7 1.7	AUG beta 20.4 20.4 20.4	alpha 1.1 1.1	SEP beta 19.9 19.9 SEP	alpha 0.2 0.2	OCT beta 23.4 23.4 OCT	alpha 0.3 0.3	NOV beta 9.9 9.9 NOV	alpha 1.1 1.1	DEC beta 31.7 31.7 31.7 DEC
1 2 3 4 Avg Week	1.2 1.2 alpha	beta 13.4 13.4 JAN beta	3.5	FEB beta 20.8 20.8	alpha 1 MAR 1.4 alpha	beta 20.0 20.0 beta	alpha 3.0 3.0 alpha	APR beta 16.2 16.2 APR beta	<u>alpha</u> 1.0	EFFLL MAY beta 20.0 20.0 EFFLL	JENT RAD alpha 2.6 2.6 JENT RAD alpha	DIATION (JUN beta 20.8 20.8 IATION (JUN beta	(pCi/L) 20 alpha 1.1 1.1 (pCi/L) 20 alpha	2003 JUL beta 20.9 20.9 20.9 20.9 20.9 JUL beta	alpha 1.7 1.7 alpha	AUG beta 20.4 20.4	alpha 1.1	SEP beta 19.9 19.9	alpha 0.2 0.2 alpha	OCT beta 23.4 23.4 OCT beta	alpha 0.3 0.3 alpha	NOV beta 9.9 9.9 NOV beta	alpha 1.1 1.1 alpha	DEC beta 31.7 31.7 DEC beta
1 2 3 4 Avg Week	1.2	beta 13.4 13.4 JAN	3.5 3.5 alpha	FEB beta 20.8 20.8 FEB beta	alpha 1⊮MAR 1.4	beta 20.0 20.0 beta	alpha 3.0 3.0	APR beta 16.2 16.2 APR	alpha 1.0 1.0 alpha	EFFLU MAY beta 20.0 20.0 EFFLU MAY beta	JENT RAD	UATION (JUN beta 20.8 20.8 20.8	(pCi/L) 20 alpha 1.1 1.1	2003 JUL beta 20.9 20.9 20.9	alpha 1.7 1.7	AUG beta 20.4 20.4 AUG beta	alpha 1.1 1.1 alpha	SEP beta 19.9 19.9 SEP beta	alpha 0.2 0.2	OCT beta 23.4 23.4 OCT	alpha 0.3 0.3	NOV beta 9.9 9.9 NOV	alpha 1.1 1.1	DEC beta 31.7 31.7 31.7 DEC
1 2 3 4 Avg Week 1 2	1.2 1.2 alpha	beta 13.4 13.4 JAN beta	3.5	FEB beta 20.8 20.8 FEB	alpha 1 MAR 1.4 alpha	beta 20.0 20.0 beta	alpha 3.0 3.0 alpha	APR beta 16.2 16.2 APR beta	alpha 1.0 1.0	EFFLL MAY beta 20.0 20.0 EFFLL MAY	JENT RAD alpha 2.6 2.6 JENT RAD alpha	DIATION (JUN beta 20.8 20.8 IATION (JUN beta	(pCi/L) 20 alpha 1.1 1.1 (pCi/L) 20 alpha	2003 JUL beta 20.9 20.9 20.9 20.9 004 JUL beta	alpha 1.7 1.7 alpha	AUG beta 20.4 20.4 20.4	alpha 1.1 1.1	SEP beta 19.9 19.9 SEP	alpha 0.2 0.2 alpha	OCT beta 23.4 23.4 OCT beta	alpha 0.3 0.3 alpha	NOV beta 9.9 9.9 NOV beta	alpha 1.1 1.1 alpha	DEC beta 31.7 31.7 DEC beta
1 2 3 4 Avg Week 1 2 3	1.2 1.2 alpha	beta 13.4 13.4 JAN beta	3.5 3.5 alpha	FEB beta 20.8 20.8 FEB beta	alpha 1 MAR 1.4 alpha	beta 20.0 20.0 beta	alpha 3.0 3.0 alpha	APR beta 16.2 16.2 APR beta	alpha 1.0 1.0 alpha	EFFLU MAY beta 20.0 20.0 EFFLU MAY beta	JENT RAD alpha 2.6 2.6 JENT RAD alpha	DIATION (JUN beta 20.8 20.8 IATION (JUN beta	(pCi/L) 20 alpha 1.1 1.1 (pCi/L) 20 alpha	2003 JUL beta 20.9 20.9 20.9 20.9 004 JUL beta	alpha 1.7 1.7 alpha	AUG beta 20.4 20.4 AUG beta	alpha 1.1 1.1 alpha	SEP beta 19.9 19.9 SEP beta	alpha 0.2 0.2 alpha	OCT beta 23.4 23.4 OCT beta	alpha 0.3 0.3 alpha	NOV beta 9.9 9.9 NOV beta	alpha 1.1 1.1 alpha	DEC beta 31.7 31.7 DEC beta
1 2 3 4 Avg Week 1 2	1.2 1.2 alpha	beta 13.4 13.4 JAN beta	3.5 3.5 alpha	FEB beta 20.8 20.8 FEB beta	alpha 1 MAR 1.4 alpha	beta 20.0 20.0 beta	alpha 3.0 3.0 alpha	APR beta 16.2 16.2 APR beta	alpha 1.0 1.0 alpha	EFFLU MAY beta 20.0 20.0 EFFLU MAY beta	JENT RAD alpha 2.6 2.6 JENT RAD alpha	DIATION (JUN beta 20.8 20.8 IATION (JUN beta	(pCi/L) 20 alpha 1.1 1.1 (pCi/L) 20 alpha	2003 JUL beta 20.9 20.9 20.9 20.9 004 JUL beta	alpha 1.7 1.7 alpha	AUG beta 20.4 20.4 AUG beta	alpha 1.1 1.1 alpha	SEP beta 19.9 19.9 SEP beta	alpha 0.2 0.2 alpha	OCT beta 23.4 23.4 OCT beta	alpha 0.3 0.3 alpha	NOV beta 9.9 9.9 NOV beta	alpha 1.1 1.1 alpha	DEC beta 31.7 31.7 DEC beta

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		JAN		FEB				APR		MAY		JUN	-	JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	nd	nd	nd	nd	nMAR	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
2	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
3	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
			nd	nd	nd	nd	nd	nd			nd	nd	nd	nd	nd	nd	nd	nd	nd	nd			nd	nd
Avg	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd		nd IELDRIN	nd (ng (L) 2	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
		JAN		FEB				APR		MAY		JUN	(1197 L) Z	JUL		AUG		SEP		ОСТ		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	nd	nd	nd	nd	nonar	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
2	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
3	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
4	nd	nd	nd	nd	nd	nd			nd	nd	nd	nd	nd	nd	nd	nd			nd	nd	nd	nd	nd	nd
Avg	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
											n and c	IELDRIN	(ng/L) 2											
		JAN		FEB				APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	nd	nd	nd	nd	n Ø I A R	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	NA	nd	nd	nd	nd	nd	nd	nd
2	NA	NA	nd	nd	NA	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
3 4	nd nd	nd	nd	nd	nd nd	nd	nd	nd nd	nd nd	nd	nd nd	nd nd	nd	nd	nd	nd	nd nd	nd nd	nd	nd nd	nd	nd nd	nd nd	nd nd
4 Avg	nd	nd nd	nd	nd	nd	nd nd	nd nd	nd	nd	nd nd	nd	nd	nd	nd	nd nd	nd nd	nd	nd	nd nd	nd	nd nd	nd	nd	nd
Avy	nu	nu	nu	nu	nu	nu	nu	nu	nu				(ng/L) 2		nu	nu	nu	nu	nu	nu	nu	nu	nu	nu
		JAN		FEB				APR		MAY		JUN	(119/ L) 2	JUL		AUG		SEP		ОСТ		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
Week 1	Inf nd	Eff nd	Inf nd	Eff nd	Inf non/AR	Eff nd	Inf nd		Inf nd		Inf nd		Inf nd		Inf nd		Inf nd		Inf nd		Inf nd		Inf nd	Eff nd
								Eff		Eff		Eff		Eff		Eff		Eff		Eff		Eff		
1 2 3	nd	nd	nd	nd	nMAR	nd	nd	Eff nd	nd	Eff nd	nd	Eff nd	nd	Eff nd	nd	Eff nd	nd	Eff nd	nd	Eff nd	nd	Eff nd	nd nd nd	nd
1 2 3 4	nd nd nd	nd nd nd	nd nd nd nd	nd nd nd nd	n ⋈ AR nd nd nd	nd nd nd nd	nd nd nd nd	Eff nd nd nd nd	nd nd nd	Eff nd nd nd	nd nd nd nd	Eff nd nd nd nd	nd nd nd nd	Eff nd nd nd nd	nd nd nd nd	Eff nd nd nd nd	nd nd nd nd	Eff nd nd nd nd	nd nd nd nd	Eff nd nd nd nd	nd nd nd	Eff nd nd nd	nd nd nd nd	nd nd nd nd
1 2 3	nd nd	nd nd	nd nd nd	nd nd nd	nMp/AR nd nd	nd nd nd	nd nd nd	Eff nd nd nd	nd nd	Eff nd nd	nd nd nd	Eff nd nd nd	nd nd nd	Eff nd nd nd	nd nd nd	Eff nd nd nd	nd nd nd	Eff nd nd nd	nd nd nd	Eff nd nd nd	nd nd	Eff nd nd	nd nd nd	nd nd nd
1 2 3 4	nd nd nd	nd nd nd	nd nd nd nd	nd nd nd nd	n ⋈ AR nd nd nd	nd nd nd nd	nd nd nd nd	Eff nd nd nd nd	nd nd nd	Eff nd nd nd	nd nd nd nd	Eff nd nd nd nd nd	nd nd nd nd	Eff nd nd nd nd nd	nd nd nd nd	Eff nd nd nd nd	nd nd nd nd	Eff nd nd nd nd	nd nd nd nd	Eff nd nd nd nd	nd nd nd	Eff nd nd nd	nd nd nd nd	nd nd nd nd
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1 2 3 4 Avg	nd nd nd	nd nd nd JAN	nd nd nd nd	nd nd nd nd FEB	nkMAR nd nd nd nd	nd nd nd nd	nd nd nd nd	Eff nd nd nd nd nd	nd nd nd	Eff nd nd nd nd ALDRI MAY	nd nd nd nd N AND E	Eff nd nd nd nd nd IELDRIN JUN	nd nd nd nd nd (ng/L) 2	Eff nd nd nd nd nd 003 JUL	nd nd nd nd	Eff nd nd nd nd nd	nd nd nd nd	Eff nd nd nd nd SEP	nd nd nd nd	Eff nd nd nd nd nd	nd nd nd	Eff nd nd nd nd	nd nd nd nd	nd nd nd nd nd
1 2 3 4 Avg Week	nd nd nd Nd	nd nd nd JAN Eff	nd nd nd nd	nd nd nd nd FEB Eff	n¢MAR nd nd nd nd	nd nd nd nd Eff	nd nd nd nd	Eff nd nd nd nd nd APR Eff	nd nd nd Inf	Eff nd nd nd Md ALDRI MAY Eff	nd nd nd nd N AND D	Eff nd nd nd nd nd IELDRIN JUN Eff	nd nd nd nd nd (ng/L) 2 Inf	Eff nd nd nd nd nd 003 JUL Eff	nd nd nd nd	Eff nd nd nd nd AUG Eff	nd nd nd nd	Eff nd nd nd nd SEP Eff	nd nd nd nd	Eff nd nd nd nd nd OCT Eff	nd nd nd Inf	Eff nd nd nd NOV Eff	nd nd nd nd nd	nd nd nd nd DEC Eff
1 2 3 4 Avg Week	nd nd nd nd Inf	nd nd nd JAN Eff nd	nd nd nd nd nd	nd nd nd nd FEB Eff nd	nMAR nd nd nd nd Inf	nd nd nd nd Eff	nd nd nd nd nd Inf	Eff nd nd nd nd MPR Eff nd	nd nd nd nd Inf	Eff nd nd nd Md ALDRI MAY Eff nd	nd nd nd nd N AND E Inf nd	Eff nd nd nd nd IELDRIN JUN Eff nd	nd nd nd nd (ng/L) 2 <u>Inf</u> nd	Eff nd nd nd nd nd 003 JUL Eff nd	nd nd nd nd nd Inf	Eff nd nd nd nd AUG Eff nd	nd nd nd nd nd Inf	Eff nd nd nd nd SEP Eff nd	nd nd nd nd nd Inf	Eff nd nd nd nd OCT Eff nd	nd nd nd nd Inf	Eff nd nd nd NOV Eff nd	nd nd nd nd nd	nd nd nd nd DEC Eff nd
1 2 3 4 Avg Week	nd nd nd Nd	nd nd nd JAN Eff nd nd	nd nd nd nd	nd nd nd nd FEB Eff	n¢MAR nd nd nd nd	nd nd nd nd Eff	nd nd nd nd	Eff nd nd nd nd nd APR Eff	nd nd nd Inf	Eff nd nd nd Md ALDRI MAY Eff	nd nd nd nd N AND D	Eff nd nd nd nd nd IELDRIN JUN Eff	nd nd nd nd nd (ng/L) 2 Inf	Eff nd nd nd nd nd 003 JUL Eff	nd nd nd nd	Eff nd nd nd nd AUG Eff	nd nd nd nd	Eff nd nd nd nd SEP Eff	nd nd nd nd	Eff nd nd nd nd nd OCT Eff	nd nd nd Inf	Eff nd nd nd NOV Eff	nd nd nd nd nd Inf nd	nd nd nd nd DEC Eff nd nd
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											ENDRI	N (ng/L)	1999											
		JAN		FEB				APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	nd	nd	nd	nd	nMAR	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
2	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
3 4	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
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		JAN		FEB				APR		MAY	LINDIN	JUN	2000	JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	nd	nd	nd	nd	nphar	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
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1	nd	nd	nd	nd	nMAR	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	NA	nd	nd	nd	nd	nd	nd	nd
2	NA	NA	nd	nd	NA	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
3	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
4	nd	nd			nd	nd	nd	nd	nd	nd	nd	nd			nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Avg	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
											FNDRI	N (ng/L)	2002											
		JAN		FEB				APR		MAY	ENDIG	JUN	2002	JUL		AUG		SEP		ОСТ		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	nd	nd	nd	nd	nMAR	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
2	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
3	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd			nd	nd
4			nd	nd	nd	nd	nd										na	na	nd	nu	nd	nd		
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Week		JAN	na	nd FEB					nd	nd MAY	nd	nd	nd nd			nd	nd	nd	nd	nd			nd	
	Inf		na Inf					nd	nd		nd	nd nd N (ng/L)	nd nd	nd		nd nd	nd	nd nd	nd	nd nd		nd	nd	nd
1	Inf nd	JAN		FEB	nd	nd	nd	nd APR		MAY	nd ENDRI	nd nd N (ng/L) JUN	nd nd 2003	nd JUL	nd	nd nd AUG	nd nd	nd nd SEP	nd nd	nd nd OCT	nd	nd NOV	nd nd	nd DEC
2	nd nd	JAN Eff nd nd	Inf nd nd	FEB Eff nd nd	nd Inf nøhar nd	nd Eff nd nd	nd Inf nd nd	nd APR Eff nd nd	Inf nd nd	MAY Eff nd nd	nd ENDRI Inf nd nd	nd nd N (ng/L) JUN Eff nd nd	nd nd 2003 Inf nd nd	nd JUL Eff nd nd	nd Inf nd nd	nd nd AUG Eff nd nd	nd nd Inf nd nd	nd nd SEP Eff nd nd	nd nd Inf nd nd	nd nd OCT Eff nd nd	nd Inf nd nd	nd NOV Eff nd nd	nd nd Inf nd nd	nd DEC Eff nd nd
2 3	nd nd nd	JAN Eff nd nd nd	Inf nd nd nd	FEB Eff nd nd nd	nd Inf n\$MAR nd nd	nd Eff nd nd nd	nd Inf nd nd nd	nd APR Eff nd nd nd	Inf nd nd nd	MAY Eff nd nd nd	nd ENDRI Inf nd nd nd	nd nd N (ng/L) JUN Eff nd nd nd nd	nd nd 2003 Inf nd nd nd	nd JUL Eff nd nd nd	nd Inf nd nd nd	nd nd AUG Eff nd nd nd nd	nd nd Inf nd	nd nd SEP Eff nd	nd nd Inf nd nd nd	nd nd OCT Eff nd nd nd	nd Inf nd nd nd	nd NOV Eff nd nd nd	nd nd Inf nd nd nd	nd DEC Eff nd nd nd
2 3 4	nd nd nd nd	JAN Eff nd nd nd nd	Inf nd nd nd nd	FEB Eff nd nd nd nd	nd Inf nom/AR nd nd nd	nd Eff nd nd nd nd	nd Inf nd nd nd nd	nd APR Eff nd nd nd nd	Inf nd nd nd nd	MAY Eff nd nd nd nd	nd ENDRI Inf nd nd nd nd	nd nd N (ng/L) JUN Eff nd nd nd nd nd	nd nd 2003 Inf nd nd nd nd nd	nd JUL Eff nd nd nd nd	nd Inf nd nd nd nd	nd nd AUG Eff nd nd nd nd nd	nd nd Inf nd nd nd	nd nd SEP Eff nd nd nd	nd nd Inf nd nd nd nd nd	nd nd OCT Eff nd nd nd nd nd	nd Inf nd nd nd nd	nd NOV Eff nd nd nd nd nd	nd nd Inf nd nd nd nd nd	nd DEC Eff nd nd nd nd nd
2 3	nd nd nd	JAN Eff nd nd nd	Inf nd nd nd	FEB Eff nd nd nd	nd Inf n\$MAR nd nd	nd Eff nd nd nd	nd Inf nd nd nd	nd APR Eff nd nd nd	Inf nd nd nd	MAY Eff nd nd nd	nd ENDRI Inf nd nd nd nd nd	nd nd N (ng/L) JUN Eff nd nd nd nd nd nd	nd nd 2003 Inf nd nd nd nd nd nd nd	nd JUL Eff nd nd nd	nd Inf nd nd nd	nd nd AUG Eff nd nd nd nd	nd nd Inf nd nd	nd nd SEP Eff nd nd	nd nd Inf nd nd nd	nd nd OCT Eff nd nd nd	nd Inf nd nd nd	nd NOV Eff nd nd nd	nd nd Inf nd nd nd	nd DEC Eff nd nd nd
2 3 4	nd nd nd nd	JAN Eff nd nd nd nd nd	Inf nd nd nd nd	FEB Eff nd nd nd nd nd	nd Inf nom/AR nd nd nd	nd Eff nd nd nd nd	nd Inf nd nd nd nd	nd APR Eff nd nd nd nd nd nd	Inf nd nd nd nd	MAY Eff nd nd nd nd nd	nd ENDRI Inf nd nd nd nd nd	nd nd JUN Eff nd nd nd nd N (ng/L)	nd nd 2003 Inf nd nd nd nd nd nd nd	nd JUL Eff nd nd nd nd nd	nd Inf nd nd nd nd	nd nd AUG Eff nd nd nd nd nd nd	nd nd Inf nd nd nd	nd nd SEP Eff nd nd nd nd	nd nd Inf nd nd nd nd nd	nd nd OCT Eff nd nd nd nd nd nd	nd Inf nd nd nd nd	nd NOV Eff nd nd nd nd nd	nd nd Inf nd nd nd nd nd	nd DEC Eff nd nd nd nd nd
2 3 4 Avg	nd nd nd nd	JAN Eff nd nd nd nd	Inf nd nd nd nd nd	FEB Eff nd nd nd nd	nd Inf nølAR nd nd nd nd	nd Eff nd nd nd nd	nd Inf nd nd nd nd	nd APR Eff nd nd nd nd nd APR	Inf nd nd nd nd nd	MAY Eff nd nd nd nd nd MAY	nd ENDRI Inf nd nd nd ENDRI	nd nd JUN Eff nd nd nd nd N (ng/L) JUN	nd nd 2003 Inf nd nd nd 2004	nd JUL Eff nd nd nd nd JUL	nd Inf nd nd nd nd	nd nd AUG Eff nd nd nd nd AUG	nd nd Inf nd nd nd nd	nd nd SEP Eff nd nd nd nd SEP	nd nd Inf nd nd nd nd nd	nd nd OCT Eff nd nd nd nd nd	nd Inf nd nd nd nd	nd NOV Eff nd nd nd nd NOV	nd nd Inf nd nd nd nd nd	nd DEC Eff nd nd nd nd nd DEC
2 3 4	nd nd nd nd	JAN Eff nd nd nd nd nd JAN	Inf nd nd nd nd	FEB Eff nd nd nd nd nd FEB	nd Inf nØjAR nd nd nd Inf	nd Eff nd nd nd nd Eff	nd Inf nd nd nd nd Inf	nd APR Eff nd nd nd nd APR Eff	Inf nd nd nd nd	MAY Eff nd nd nd nd MAY Eff	nd ENDRI Inf nd nd nd ENDRI Inf	nd nd JUN Eff nd nd nd nd N (ng/L) JUN Eff	nd nd 2003 Inf nd nd nd 2004 Inf	nd JUL Eff nd nd nd nd JUL Eff	nd Inf nd nd nd Inf	nd nd AUG Eff nd nd nd nd nd nd	nd nd Inf nd nd nd	nd nd SEP Eff nd nd nd sEP Eff	nd nd Inf nd nd nd nd nd	nd nd OCT Eff nd nd nd nd OCT Eff	nd Inf nd nd nd nd	nd NOV Eff nd nd nd nd NOV Eff	nd nd Inf nd nd nd nd Inf	nd DEC Eff nd nd nd nd DEC Eff
2 3 4 Avg Week	nd nd nd nd	JAN Eff nd nd nd nd JAN Eff	Inf nd nd nd nd nd	FEB Eff nd nd nd nd nd FEB	nd Inf nølAR nd nd nd nd	nd Eff nd nd nd nd nd	nd Inf nd nd nd nd	nd APR Eff nd nd nd nd nd APR	Inf nd nd nd nd nd	MAY Eff nd nd nd nd nd MAY	nd ENDRI Inf nd nd nd ENDRI	nd nd JUN Eff nd nd nd nd N (ng/L) JUN	nd nd 2003 Inf nd nd nd 2004	nd JUL Eff nd nd nd nd JUL	nd Inf nd nd nd nd	nd nd Eff nd nd nd nd AUG Eff	nd nd Inf nd nd nd nd Inf	nd nd SEP Eff nd nd nd nd SEP	nd nd Inf nd nd nd nd Inf	nd nd OCT Eff nd nd nd nd OCT	nd Inf nd nd nd nd Inf	nd NOV Eff nd nd nd nd NOV	nd nd Inf nd nd nd nd nd	nd DEC Eff nd nd nd nd nd DEC
2 3 4 Avg Week	nd nd nd nd nd Inf	JAN Eff nd nd nd nd JAN Eff nd	Inf nd nd nd nd Inf	FEB Eff nd nd nd nd FEB Eff	nd Inf nØjAR nd nd nd Inf	nd Eff nd nd nd nd Eff nd	nd Inf nd nd nd nd Inf nd	nd APR Eff nd nd nd nd APR Eff nd	Inf nd nd nd nd Inf	MAY Eff nd nd nd nd MAY Eff nd	nd ENDRI Inf nd nd nd ENDRI Inf nd	nd nd JUN Eff nd nd nd nd N (ng/L) JUN Eff nd	nd nd 2003 Inf nd nd nd 2004 Inf nd	nd JUL Eff nd nd nd nd JUL Eff nd	nd Inf nd nd nd nd Inf nd	nd nd Eff nd nd nd nd AUG Eff nd	nd nd Inf nd nd nd nd Inf nd	nd nd SEP Eff nd nd nd nd SEP Eff nd	nd nd nd nd nd nd nd nd nd	nd nd OCT Eff nd nd nd nd OCT Eff nd	nd Inf nd nd nd nd Inf nd	nd NOV Eff nd nd nd nd NOV Eff nd	nd nd nd nd nd nd nd nd nd	nd DEC Eff nd nd nd nd DEC Eff nd
2 3 4 Avg Week 1 2	nd nd nd nd nd Inf nd nd	JAN Eff nd nd nd nd JAN Eff nd nd	Inf nd nd nd nd Inf	FEB Eff nd nd nd nd FEB Eff nd	nd Inf n¢MAR nd nd Inf Inf	nd Eff nd nd nd nd nd Eff nd nd	nd Inf nd nd nd nd Inf nd nd	nd APR Eff nd nd nd nd APR Eff nd nd	Inf nd nd nd nd Inf nd	MAY Eff nd nd nd nd MAY Eff nd nd	nd ENDRI Inf nd nd nd ENDRI Inf nd nd	nd nd JUN Eff nd nd nd nd nd N (ng/L) JUN Eff nd nd	nd nd 2003 Inf nd nd nd 2004 Inf nd	nd JUL Eff nd nd nd nd JUL Eff nd	nd Inf nd nd nd nd Inf nd	nd nd Eff nd nd nd nd MuG Eff nd nd	nd nd Inf nd nd nd nd Inf nd nd	nd nd SEP Eff nd nd nd nd SEP Eff nd nd	nd nd Inf nd nd nd nd nd Inf nd nd	nd nd OCT Eff nd nd nd nd OCT Eff nd nd	nd Inf nd nd nd nd Inf nd nd	nd NOV Eff nd nd nd nd NOV Eff nd nd	nd nd nd nd nd nd nd nd nd nd nd	nd DEC Eff nd nd nd nd DEC Eff nd nd nd

									НС	H-HEXA	CHLOROC	CYCLOHE	XANES (n	ng/L) 19	99									
		JAN				MAR		APR		MAY		JUN		0,		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	32	23	2¢ _{EB}	16	22	15	70	37	15	11	38	32	4)UL	25	42	26	41	30	68	36	44	27	34	18
2 3	26 29	23 20	26 33	22 21	20 15	15 14	25 24	18 17	15 31	13 22	63 34	36 25	38 38	29 26	50 43	35 24	50 45	33 29	44 40	27 30	47 36	25 24	57 39	60 20
4	29	20	33 39	17	22	14	24	18	31	22	43	25 31	38 39	33	43 57	24	40 96	29 39	40 48	26	30	24	39	13
Avg	29	22	32	19	20	14	35	23	20	15	45	31	39	28	48	28	58	33	50	30	42	25	40	28
													XANES (n											
		JAN				MAR		APR		MAY		JUN				AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	46	17	2₽ _{EB}	19	16	14	31	11	44	26	57	27	4)UL	30	36	19	37	23	56	26	24	17	73	29
2 3	41 42	25 22	30 32	18 17	25 33	19 19	15 31	11 13	32 48	34 28	42 41	22 23	29 23	17 19	37 52	19 25	34 25	17 15	31 37	20 24	46 60	27 25	62 60	nd 20
4	42 24	18	52 50	20	24	19	51	15	40 46	26	41	23 25	23	15	46	25	20	15	34	24	36	25 35	53	20 21
Avg	38	21	35	19	25	10	26	12	43	29	46	24	29	20	43	22	32	18	40	24	42	26	62	18
5																								
									HC		CHLOROC		XANES (n	ng/L) 20	01			05-						
\A/1-	16	JAN	16	F 66	16	MAR	16	APR	16	MAY	1	JUN	16	F .66	16	AUG	16	SEP	16	OCT	16	NOV	16	DEC
Week	Inf 51	Eff 22	Inf	Eff	Inf 26	Eff 14	Inf 51	Eff 13	Inf 38	Eff	Inf NA	Eff 28	Inf	Eff	Inf 38	Eff 21	Inf NA	Eff 18	Inf 35	Eff 18	Inf 50	Eff	Inf 58	Eff 19
1 2	0	0	3 ≱ EB 32	17 14	20 NA	14	55	13	30 47	21 14	20	20 14	39 _{UL} 24	15 16	30 40	21 14	NA 59	10	35 42	18	50 21	15 15	зо 38	19
3	42	17	36	0	34	12	43	12	47	17	38	18	24	38	40	14	54	15	49	20	38	21	0	0
4	30	0			18	11	49	15	43	21	54	27			61	26	49	19	46	13	70	11	68	24
Avg	31	10	35	10	26	13	50	15	44	18	37	22	27	23	46	19	41	18	43	16	45	16	41	15
													VANES (m	~ /I \ 20	02									
		JAN				MAR		APR	пс	MAY		JUN	XANES (n	ig/L) 20	02	AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	39	18	3ÞEB	17	26	21	31	13	nd	nd	36	nd	23JUL	nd	45	16	16	nd	26	nd	14	nd	nd	nd
2	47	14	40	nd	19	15	24	nd	nd	nd	36	nd	32	nd	nd	nd	20	nd	48	22	13	13	nd	nd
3	45	17	33	15	40	nd	31	19	14	14	36	18	28	nd	50	12	27	20	99	24	10	nd	nd	nd
4									14												10	na		
· ·			38	16	45	15	29	14			30	nd	33	nd	18	16	28	12	11	nd			nd	nd
Avg	44	16				15 13			7	5	30 35	nd 5		nd nd	18 28	16 11	28 23	12 8	11 46	nd 12	10	4	nd nd	nd nd
· ·	44	16	38	16	45		29	14	7	5	35	5	33 29	nd	28									
· ·	44		38	16	45		29	14	7	5 H-HEXA	35	5 CYCLOHE	33	nd	28	11		8				4		nd
· ·	44 Inf	16 JAN Eff	38	16	45	13	29	14 12	7	5	35	5	33 29	nd	28					12				
Avg		JAN	38 37	16 12	45 33	13 MAR	29 29	14 12 APR	7 HC	5 H-HEXA(MAY	35 CHLOROC	5 CYCLOHE JUN	33 29 XANES (n	nd ng/L) 20	28 03	11 AUG	23	8 SEP	46	12 OCT	12	4 NOV	nd	nd DEC
Avg Week	Inf 33 34	JAN Eff nd nd	38 37 Inf	16 12 Eff 23 175	45 33 Inf 27 nd	13 MAR Eff	29 29 Inf 18 23	14 12 APR Eff	7 HC <u>Inf</u> 26 24	5 H-HEXA(MAY Eff	35 CHLOROO Inf 31 38	5 CYCLOHE JUN Eff 13 20	33 29 XANES (n <u>Inf</u> 2§UL 29	nd ng/L) 20 <u>Eff</u> nd nd	28 03 <u>Inf</u> 34 38	11 AUG Eff 26 30	23 Inf 58 nd	8 SEP Eff 40 nd	46 Inf	12 OCT Eff nd nd	12 Inf	4 NOV Eff	nd Inf	nd DEC Eff nd nd
Avg Week	Inf 33 34 30	JAN Eff nd nd nd	38 37 Inf 2¢EB 490 nd	16 12 Eff 23 175 nd	45 33 Inf 27	13 MAR Eff 23	29 29 Inf 18 23 25	14 12 APR Eff nd nd nd nd	7 HC <u>Inf</u> 26 24 15	5 H-HEXAG MAY Eff nd nd nd nd	35 CHLOROO Inf 31 38 55	5 CYCLOHE JUN Eff 13 20 12	33 29 XANES (n <u>Inf</u> 29 UL 29 31	nd ng/L) 20 Eff nd nd 13	28 03 <u>Inf</u> 34	11 AUG Eff 26	23 Inf 58	8 SEP Eff 40	46 Inf nd nd nd	12 OCT Eff nd nd nd	12 Inf nd 61.0 nd	4 NOV Eff nd 27.0 nd	nd Inf nd nd nd	nd DEC Eff nd nd nd
Avg Week 1 2 3 4	Inf 33 34 30 20	JAN Eff nd nd nd 19	38 37 Inf 29EB 490 nd 12	16 12 Eff 23 175 nd 15	45 33 Inf 27 nd 19	13 MAR Eff 23 nd nd	29 29 Inf 18 23 25 32	14 12 APR Eff nd nd nd nd nd	7 HC 26 24 15 18	5 H-HEXA(MAY Eff nd nd nd nd nd	35 CHLOROO Inf 31 38 55 29	5 CYCLOHE JUN Eff 13 20 12 21	33 29 XANES (n <u>Inf</u> 28 ₀ UL 29 31 32	nd ng/L) 20 Eff nd nd 13 nd	28 03 <u>Inf</u> 34 38 31	11 AUG Eff 26 30 37	23 Inf 58 nd nd	8 SEP Eff 40 nd nd	46 Inf nd nd nd nd	12 OCT Eff nd nd nd nd	12 Inf nd 61.0 nd nd nd	4 NOV Eff nd 27.0 nd nd	nd Inf nd nd nd nd	nd DEC Eff nd nd nd nd nd
Avg Week	Inf 33 34 30	JAN Eff nd nd nd	38 37 Inf 2¢EB 490 nd	16 12 Eff 23 175 nd	45 33 Inf 27 nd	13 MAR Eff 23 nd	29 29 Inf 18 23 25	14 12 APR Eff nd nd nd nd	7 HC <u>Inf</u> 26 24 15	5 H-HEXAG MAY Eff nd nd nd nd	35 CHLOROO Inf 31 38 55	5 CYCLOHE JUN Eff 13 20 12	33 29 XANES (n <u>Inf</u> 29 UL 29 31	nd ng/L) 20 Eff nd nd 13	28 03 <u>Inf</u> 34 38	11 AUG Eff 26 30	23 Inf 58 nd	8 SEP Eff 40 nd	46 Inf nd nd nd	12 OCT Eff nd nd nd	12 Inf nd 61.0 nd	4 NOV Eff nd 27.0 nd	nd Inf nd nd nd	nd DEC Eff nd nd nd
Avg Week 1 2 3 4	Inf 33 34 30 20	JAN Eff nd nd nd 19	38 37 Inf 29EB 490 nd 12	16 12 Eff 23 175 nd 15	45 33 Inf 27 nd 19	13 MAR Eff 23 nd nd	29 29 Inf 18 23 25 32	14 12 APR Eff nd nd nd nd nd	7 HC 26 24 15 18 21	5 H-HEXAG MAY Eff nd nd nd nd nd	35 CHLOROC Inf 31 38 55 29 38	5 CYCLOHE JUN Eff 13 20 12 21 21 17	33 29 XANES (n <u>Inf</u> 28JUL 29 31 32	nd ng/L) 20 Eff nd nd 13 nd 3	28 03 <u>Inf</u> 34 38 31 34	11 AUG Eff 26 30 37	23 Inf 58 nd nd	8 SEP Eff 40 nd nd	46 Inf nd nd nd nd	12 OCT Eff nd nd nd nd	12 Inf nd 61.0 nd nd nd	4 NOV Eff nd 27.0 nd nd	nd Inf nd nd nd nd	nd DEC Eff nd nd nd nd nd
Avg Week 1 2 3 4	Inf 33 34 30 20	JAN Eff nd nd nd 19	38 37 Inf 29EB 490 nd 12	16 12 Eff 23 175 nd 15	45 33 Inf 27 nd 19	13 MAR Eff 23 nd nd	29 29 Inf 18 23 25 32	14 12 APR Eff nd nd nd nd nd	7 HC 26 24 15 18 21	5 H-HEXAG MAY Eff nd nd nd nd nd	35 CHLOROC Inf 31 38 55 29 38	5 CYCLOHE JUN Eff 13 20 12 21 21 17	33 29 XANES (n <u>Inf</u> 29UL 29 31 32 30	nd ng/L) 20 Eff nd nd 13 nd 3	28 03 <u>Inf</u> 34 38 31 34	11 AUG Eff 26 30 37	23 Inf 58 nd nd	8 SEP Eff 40 nd nd	46 Inf nd nd nd nd	12 OCT Eff nd nd nd nd	12 Inf nd 61.0 nd nd nd	4 NOV Eff nd 27.0 nd nd	nd Inf nd nd nd nd	nd DEC Eff nd nd nd nd nd
Avg Week 1 2 3 4	Inf 33 34 30 20 29 Inf	JAN Eff nd nd 19 5 JAN Eff	38 37 Inf 29EB 490 nd 12	16 12 Eff 23 175 nd 15	45 33 Inf 27 nd 19 15 Inf	13 MAR Eff 23 nd nd 8 8 MAR Eff	29 29 1nf 18 23 25 32 25 1nf	14 12 APR Eff nd nd nd nd APR Eff	7 HC 26 24 15 18 21 HC Inf	5 H-HEXA(MAY Eff nd nd nd nd H-HEXA(MAY Eff	35 CHLOROC 1nf 31 38 55 29 38 CHLOROC Inf	5 JUN Eff 13 20 12 21 17 CYCLOHE JUN Eff	33 29 XANES (n <u>Inf</u> 29 01 29 31 32 30 XANES (n Inf	nd ng/L) 20 Eff nd nd 13 nd 3 ng/L) 20 Eff	28 03 <u>Inf</u> 34 38 31 34 04 Inf	11 AUG Eff 26 30 37 31 AUG Eff	23 Inf 58 nd nd 19 Inf	8 SEP Eff 40 nd nd 13 SEP Eff	46 Inf nd nd nd nd nd	12 OCT Eff nd nd nd nd nd OCT Eff	12 Inf nd 61.0 nd nd 15.3	4 NOV Eff nd 27.0 nd nd 6.8 NOV Eff	nd Inf nd nd nd nd Inf	nd DEC Eff nd nd nd nd nd DEC Eff
Avg Week 1 2 3 4 Avg Week 1	Inf 33 34 30 20 29 Inf nd	JAN Eff nd nd 19 5 JAN Eff nd	38 37 2¢EB 490 nd 12 131 131	16 12 23 175 nd 15 53 Eff	45 33 Inf 27 nd 19 15 15 Inf 16	13 MAR Eff 23 nd nd 8 8 MAR Eff nd	29 29 1nf 18 23 25 32 25 25 Inf 16	14 12 APR Eff nd nd nd nd nd APR Eff nd	7 HC 26 24 15 18 21 HC <u>Inf</u> 19	5 H-HEXA(MAY Eff nd nd nd nd H-HEXA(MAY Eff nd	35 CHLOROC 1nf 31 38 55 29 38 CHLOROC LINF nd	5 SYCLOHE JUN Eff 13 20 12 21 17 SYCLOHE JUN Eff nd	33 29 XANES (n <u>Inf</u> 29 31 32 30 XANES (n <u>Inf</u> 1 <u>4</u> UL	nd ng/L) 20 Eff nd nd 13 nd 3 ng/L) 20 Eff nd	28 03 <u>Inf</u> 34 38 31 34 04 <u>Inf</u> 31	11 AUG Eff 26 30 37 31 AUG Eff nd	23 Inf 58 nd nd 19 Inf 16	8 SEP Eff 40 nd nd 13 SEP Eff 11	46 Inf nd nd nd nd Inf 29	12 OCT Eff nd nd nd nd nd OCT Eff ND	12 nd 61.0 nd 15.3 Inf 28	4 NOV Eff nd 27.0 nd nd 6.8 NOV Eff ND	nd Inf nd nd nd nd Inf 24	nd DEC Eff nd nd nd nd nd DEC Eff 16.5
Avg Week 1 2 3 4 Avg Week 1 2	Inf 33 34 30 20 29 Inf nd 14	JAN Eff nd nd 19 5 JAN Eff nd nd	38 37 29EB 490 nd 12 131 131	16 12 23 175 nd 15 53 Eff	45 33 Inf 27 nd 19 15 15 Inf 16 40	13 MAR Eff 23 nd nd 8 8 MAR Eff nd nd	29 29 1nf 18 23 25 32 25 25 1nf 16 nd	14 12 APR Eff nd nd nd nd nd APR Eff nd nd	7 HC 26 24 15 18 21 HC <u>Inf</u> 19 11	5 H-HEXA(MAY Eff nd nd nd nd H-HEXA(MAY Eff nd nd	35 CHLOROC 1nf 31 38 55 29 38 CHLOROC 1nf nd 24.5	5 JUN Eff 13 20 12 21 17 CYCLOHE JUN Eff nd nd	33 29 XANES (n <u>Inf</u> 29 01 29 31 32 30 XANES (n Inf	nd ng/L) 20 Eff nd nd 13 nd 3 ng/L) 20 Eff	28 03 <u>Inf</u> 34 38 31 34 04 <u>Inf</u> 31 44	11 AUG Eff 26 30 37 31 AUG Eff nd nd	23 Inf 58 nd nd 19 Inf 16 16	8 SEP Eff 40 nd nd 13 SEP Eff 11 12	46 Inf nd nd nd nd nd Inf 29 41	12 OCT Eff nd nd nd nd nd OCT Eff ND ND	12 Inf nd 61.0 nd nd 15.3 Inf 28 24.0	4 NOV Eff nd 27.0 nd nd 6.8 NOV Eff ND ND	nd Inf nd nd nd nd Inf 24 20	nd DEC Eff nd nd nd nd nd DEC Eff 16.5 ND
Avg Week 1 2 3 4 Avg Week 1 2 3	Inf 33 34 30 20 29 Inf nd 14 nd	JAN Eff nd nd 19 5 JAN Eff nd nd nd	38 37 29EB 490 nd 12 131 131 Inf FEB nd 11	16 12 23 175 nd 15 53 Eff nd nd	45 33 Inf 27 nd 19 15 15 Inf 16 40 15	13 MAR Eff 23 nd nd 8 8 MAR Eff nd nd nd	29 29 1nf 18 23 25 32 25 25 1nf 16 nd 33	14 12 APR Eff nd nd nd nd nd APR Eff nd nd 12	7 HC 26 24 15 18 21 HC Inf 19 11 10	5 H-HEXA(MAY Eff nd nd nd md H-HEXA(MAY Eff nd nd nd	35 CHLOROC 31 38 55 29 38 CHLOROC Inf nd 24.5 29	5 JUN Eff 13 20 12 21 17 CYCLOHE JUN Eff nd nd nd	33 29 XANES (n 29 31 32 30 XANES (n 14 14 26	nd ng/L) 20 Eff nd 13 nd 13 nd 3 ng/L) 20 Eff nd nd	28 03 <u>Inf</u> 34 38 31 34 04 <u>Inf</u> 31 44 20	11 AUG Eff 26 30 37 31 AUG Eff nd nd nd	23 Inf 58 nd nd 19 Inf 16 16 12	8 SEP Eff 40 nd nd 13 SEP Eff 11 12 nd	46 Inf nd nd nd nd Inf 29 41 11	12 OCT Eff nd nd nd nd nd OCT Eff ND ND ND	12 Inf nd 61.0 nd nd 15.3 Inf 28 24.0 34	4 NOV Eff nd 27.0 nd nd 6.8 NOV Eff ND ND ND	nd Inf nd nd nd nd Inf 24 20 26	nd DEC Eff nd nd nd nd nd DEC Eff 16.5 ND ND
Avg Week 1 2 3 4 Avg Week 1 2	Inf 33 34 30 20 29 Inf nd 14	JAN Eff nd nd 19 5 JAN Eff nd nd	38 37 29EB 490 nd 12 131 131	16 12 23 175 nd 15 53 Eff	45 33 Inf 27 nd 19 15 15 Inf 16 40	13 MAR Eff 23 nd nd 8 8 MAR Eff nd nd	29 29 1nf 18 23 25 32 25 25 1nf 16 nd	14 12 APR Eff nd nd nd nd nd APR Eff nd nd	7 HC 26 24 15 18 21 HC <u>Inf</u> 19 11	5 H-HEXA(MAY Eff nd nd nd nd H-HEXA(MAY Eff nd nd	35 CHLOROC 1nf 31 38 55 29 38 CHLOROC 1nf nd 24.5	5 JUN Eff 13 20 12 21 17 CYCLOHE JUN Eff nd nd	33 29 XANES (n <u>Inf</u> 29 31 32 30 XANES (n <u>Inf</u> 1 <u>4</u> UL	nd ng/L) 20 Eff nd nd 13 nd 3 ng/L) 20 Eff nd	28 03 <u>Inf</u> 34 38 31 34 04 <u>Inf</u> 31 44	11 AUG Eff 26 30 37 31 AUG Eff nd nd	23 Inf 58 nd nd 19 Inf 16 16	8 SEP Eff 40 nd nd 13 SEP Eff 11 12	46 Inf nd nd nd nd nd Inf 29 41	12 OCT Eff nd nd nd nd nd OCT Eff ND ND	12 Inf nd 61.0 nd nd 15.3 Inf 28 24.0	4 NOV Eff nd 27.0 nd nd 6.8 NOV Eff ND ND	nd Inf nd nd nd nd Inf 24 20	nd DEC Eff nd nd nd nd nd DEC Eff 16.5 ND

Influent and Effluent Data Summary 2.144

									CHLO	RDANE	& RELATI	ED COMP	OUNDS ((ng/L) 19	99									
		JAN		FEB				APR				JUN		JÚL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	nd	nd	nd	nd	n¢MAR	nd	nd	nd	n¢n/AY	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
2	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
3	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
4			nd	nd	nd	nd	nd	nd			nd	nd	nd	nd	nd	nd	nd	nd	nd	nd			nd	nd
Avg	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
									CHLO	RDANE	& RELATI		POUNDS (00			050		OOT		NOV		DEC
Week	Inf	JAN Eff	Inf	FEB Eff	Inf	Eff	Inf	APR Eff	Inf	Eff	Inf	JUN Eff	Inf	JUL Eff	Inf	AUG Eff	Inf	SEP Eff	Inf	OCT Eff	Inf	NOV Eff	Inf	DEC Eff
1	nd	nd	nd	nd	nølar	nd	nd	nd	nøjay	nd	nd	77	210	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
2	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
3	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
4	nd	nd	nd	nd	nd	nd			nd	nd	nd	nd	nd	nd	nd	nd			nd	nd	nd	nd	nd	nd
Avg	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	19	53	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
5																								
									CHLO	RDANE	& RELATI		OUNDS (01									
		JAN		FEB				APR				JUN		JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	nd	nd	nd	nd	nMAR	nd	nd	nd	ndiay	nd	NA	nd	nd	nd	nd	nd	NA	nd	nd	nd	nd	nd	nd	nd
2	nd	nd	nd	nd	NA	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
3	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
4	nd	nd			nd	nd	nd	nd	nd	nd	nd	nd			nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Avg	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
									CHLO	RDANE	& RELATI	ED COMP	OUNDS ((ng/L) 20	02									
		JAN		FEB				APR	CHLO	RDANE	& RELATI	ed Comp Jun	POUNDS ((ng/L) 20 JUL	02	AUG		SEP		ОСТ		NOV		DEC
Week	Inf	JAN Eff	Inf	FEB Eff	Inf	Eff	Inf	APR Eff	CHLO Inf	RDANE Eff	& RELATI		POUNDS (02 Inf	AUG Eff	Inf	SEP Eff	Inf	OCT Eff	Inf	NOV Eff	Inf	DEC Eff
1	nd	Eff nd	nd	Eff nd	nom/AR	nd	nd	Eff nd	Inf nonayay	Eff nd	Inf nd	JUN	Inf nd	JUL Eff nd	Inf nd	Eff nd	nd	Eff nd	nd	Eff nd	nd	Eff nd	nd	Eff nd
1 2	nd nd	Eff nd nd	nd nd	Eff nd nd	nøn/AR nd	nd nd	nd nd	Eff nd nd	Inf nønay nd	Eff nd nd	Inf nd nd	JUN Eff nd nd	Inf nd nd	JUL Eff nd nd	Inf nd nd	Eff nd nd	nd nd	Eff nd nd	nd nd	Eff nd nd	nd nd	Eff nd nd	nd nd	Eff nd nd
1 2 3	nd	Eff nd	nd nd nd	Eff nd nd nd	n ø lar nd nd	nd nd nd	nd nd nd	Eff nd nd nd	Inf nonayay	Eff nd	Inf nd nd nd	JUN Eff nd nd nd	Inf nd nd nd	JUL Eff nd nd nd	Inf nd nd nd	Eff nd nd nd	nd nd nd	Eff nd nd nd	nd nd nd	Eff nd nd nd	nd	Eff nd	nd nd nd	Eff nd nd nd
1 2 3 4	nd nd nd	Eff nd nd nd	nd nd nd nd	Eff nd nd nd nd	n \$ 1AR nd nd nd	nd nd nd nd	nd nd nd nd	Eff nd nd nd nd	Inf nom(Ay nd nd	Eff nd nd nd	Inf nd nd nd nd	JUN Eff nd nd nd nd	Inf nd nd nd nd	JUL Eff nd nd nd nd	Inf nd nd nd nd	Eff nd nd nd nd	nd nd nd nd	Eff nd nd nd nd	nd nd nd 215	Eff nd nd nd nd	nd nd nd	Eff nd nd nd	nd nd nd nd	Eff nd nd nd nd
1 2 3	nd nd	Eff nd nd	nd nd nd	Eff nd nd nd	n ø lar nd nd	nd nd nd	nd nd nd	Eff nd nd nd	Inf nønay nd	Eff nd nd	Inf nd nd nd	JUN Eff nd nd nd	Inf nd nd nd	JUL Eff nd nd nd	Inf nd nd nd	Eff nd nd nd	nd nd nd	Eff nd nd nd	nd nd nd	Eff nd nd nd	nd nd	Eff nd nd	nd nd nd	Eff nd nd nd
1 2 3 4	nd nd nd	Eff nd nd nd	nd nd nd nd	Eff nd nd nd nd	n \$ 1AR nd nd nd	nd nd nd nd	nd nd nd nd	Eff nd nd nd nd	Inf nom/Ay nd nd	Eff nd nd nd	Inf nd nd nd nd nd	JUN Eff nd nd nd nd nd	Inf nd nd nd nd	JUL Eff nd nd nd nd nd	Inf nd nd nd nd	Eff nd nd nd nd	nd nd nd nd	Eff nd nd nd nd	nd nd nd 215	Eff nd nd nd nd	nd nd nd	Eff nd nd nd	nd nd nd nd	Eff nd nd nd nd
1 2 3 4	nd nd nd	Eff nd nd nd	nd nd nd nd	Eff nd nd nd nd nd	n \$ 1AR nd nd nd	nd nd nd nd	nd nd nd nd	Eff nd nd nd nd	Inf nom/Ay nd nd	Eff nd nd nd	Inf nd nd nd	JUN Eff nd nd nd nd nd ED COMP	Inf nd nd nd nd	JUL Eff nd nd nd nd nd (ng/L) 20	Inf nd nd nd nd	Eff nd nd nd nd	nd nd nd nd	Eff nd nd nd nd nd	nd nd nd 215	Eff nd nd nd nd	nd nd nd	Eff nd nd nd	nd nd nd nd	Eff nd nd nd nd
1 2 3 4	nd nd nd	Eff nd nd nd	nd nd nd nd	Eff nd nd nd nd	n \$ 1AR nd nd nd	nd nd nd nd	nd nd nd nd	Eff nd nd nd nd	Inf nom/Ay nd nd	Eff nd nd nd	Inf nd nd nd nd nd	JUN Eff nd nd nd nd nd	Inf nd nd nd nd	JUL Eff nd nd nd nd nd	Inf nd nd nd nd	Eff nd nd nd nd	nd nd nd nd	Eff nd nd nd nd	nd nd nd 215	Eff nd nd nd nd	nd nd nd	Eff nd nd nd	nd nd nd nd	Eff nd nd nd nd
1 2 3 4 Avg	nd nd nd	Eff nd nd nd JAN	nd nd nd nd	Eff nd nd nd nd FEB	nton nd nd nd nd	nd nd nd nd	nd nd nd nd	Eff nd nd nd nd nd	Inf ntMAY nd nd nd CHLOI Inf	Eff nd nd nd nd	Inf nd nd nd nd & RELATI	JUN Eff nd nd nd nd nd ED COMP JUN	Inf nd nd nd nd nd	JUL Eff nd nd nd nd nd (ng/L) 20 JUL	Inf nd nd nd nd nd	Eff nd nd nd nd AUG	nd nd nd nd	Eff nd nd nd nd SEP	nd nd 215 54	Eff nd nd nd nd nd	nd nd nd	Eff nd nd nd nd	nd nd nd nd	Eff nd nd nd nd nd DEC
1 2 3 4 Avg Week	nd nd nd nd	Eff nd nd nd JAN Eff	nd nd nd nd	Eff nd nd nd nd FEB Eff	ntona nd nd nd nd	nd nd nd nd	nd nd nd nd	Eff nd nd nd nd nd APR Eff	Inf nghay nd nd CHLO	Eff nd nd nd RDANE Eff	Inf nd nd nd nd & RELATI	JUN Eff nd nd nd d ED COMP JUN Eff	Inf nd nd nd nd POUNDS (JUL Eff nd nd nd nd (ng/L) 20 JUL Eff	Inf nd nd nd nd 03	Eff nd nd nd nd nd AUG Eff	nd nd nd nd	Eff nd nd nd nd SEP Eff	nd nd 215 54 Inf	Eff nd nd nd nd nd OCT Eff	nd nd nd Inf	Eff nd nd nd Nd NOV Eff	nd nd nd nd	Eff nd nd nd nd DEC Eff
1 2 3 4 Avg Week	nd nd nd nd Inf nd	Eff nd nd nd JAN Eff nd	nd nd nd nd nd	Eff nd nd nd nd FEB Eff nd	nMar nd nd nd nd	nd nd nd nd nd Eff	nd nd nd nd nd	Eff nd nd nd nd APR Eff nd	Inf NMAY nd nd CHLOI Inf	Eff nd nd nd RDANE Eff nd	Inf nd nd nd nd & RELATI Inf nd	JUN Eff nd nd nd d ED COMP JUN Eff nd	Inf nd nd nd nd POUNDS (Inf nd	JUL Eff nd nd nd nd (ng/L) 20 JUL Eff nd	Inf nd nd nd nd 03 Inf nd	Eff nd nd nd nd MUG Eff nd	nd nd nd nd nd	Eff nd nd nd nd SEP Eff nd	nd nd 215 54 Inf nd	Eff nd nd nd nd OCT Eff nd	nd nd nd nd Inf	Eff nd nd nd NOV Eff nd	nd nd nd nd nd Inf	Eff nd nd nd nd DEC Eff nd
1 2 3 4 Avg Week 1 2	nd nd nd nd Inf nd nd	Eff nd nd nd JAN Eff nd nd	nd nd nd nd nd	Eff nd nd nd nd FEB Eff nd nd	nMAR nd nd nd nd Inf nMAR nd	nd nd nd nd Eff nd nd	nd nd nd nd nd	Eff nd nd nd nd nd APR Eff nd nd	Inf notitay nd nd CHLOI Inf notitay nd	Eff nd nd nd RDANE Eff nd nd	Inf nd nd nd M k RELATI	JUN Eff nd nd nd nd ED COMP JUN Eff nd nd	Inf nd nd nd nd 20UNDS (Inf nd nd	JUL Eff nd nd nd nd (ng/L) 20 JUL Eff nd nd	Inf nd nd nd nd 03 03 Inf nd nd	Eff nd nd nd nd MUG Eff nd nd	nd nd nd nd nd Inf nd nd	Eff nd nd nd nd SEP Eff nd nd	nd nd 215 54 Inf nd nd	Eff nd nd nd nd OCT Eff nd nd	nd nd nd Inf nd nd	Eff nd nd nd NOV Eff nd nd	nd nd nd nd nd Inf nd nd	Eff nd nd nd nd DEC Eff nd nd
1 2 3 4 Avg Week 1 2 3	nd nd nd inf nd nd nd	Eff nd nd nd nd JAN Eff nd nd nd	nd nd nd nd nd Inf nd nd	Eff nd nd nd nd nd FEB Eff nd nd nd	ntMAR nd nd nd nd Inf ntMAR nd	nd nd nd nd nd Eff nd nd nd	nd nd nd nd nd Inf nd nd nd	Eff nd nd nd nd nd APR Eff nd nd nd	Inf NotAY nd nd CHLOI Inf NotAY nd	Eff nd nd nd nd RDANE Eff nd nd nd	Inf nd nd nd d M RELATI Inf nd nd nd	JUN Eff nd nd nd nd ED COMP JUN Eff nd nd nd	Inf nd nd nd nd pounds (Inf nd nd nd	JUL Eff nd nd nd nd (ng/L) 20 JUL Eff nd nd nd	Inf nd nd nd nd 03 03 03 03	Eff nd nd nd nd AUG Eff nd nd nd	nd nd nd nd nd Inf nd nd	Eff nd nd nd nd SEP Eff nd nd	nd nd 215 54 Inf nd nd nd	Eff nd nd nd nd nd OCT Eff nd nd nd	nd nd nd nd Inf nd nd nd	Eff nd nd nd nd NOV Eff nd nd nd	nd nd nd nd nd Inf nd nd	Eff nd nd nd nd DEC Eff nd nd nd
1 2 3 4 Avg Week 1 2 3 4	nd nd nd inf nd nd nd nd nd	Eff nd nd nd JAN Eff nd nd nd nd	nd nd nd nd nd Inf nd nd nd nd	Eff nd nd nd nd nd FEB Eff nd nd nd nd	ntMAR nd nd nd nd Inf ntMAR nd nd nd	nd nd nd nd nd Eff nd nd nd nd	nd nd nd nd nd Inf nd nd nd	Eff nd nd nd nd nd APR Eff nd nd nd nd	Inf ntytay nd nd CHLOI Inf ntytay nd nd nd	Eff nd nd nd RDANE Eff nd nd nd nd nd	Inf nd nd nd nd & RELATI Inf nd nd nd nd nd nd	JUN Eff nd nd nd nd ED COMP JUN Eff nd nd nd nd nd nd	Inf nd nd nd nd pounds (Inf nd nd nd nd nd	JUL Eff nd nd nd nd (ng/L) 20 JUL Eff nd nd nd nd nd nd	Inf nd nd nd nd 03 03 03 03 03 03 03 03 03 03 03 03 03	Eff nd nd nd nd nd Eff nd nd nd nd	nd nd nd nd Inf nd nd nd	Eff nd nd nd nd SEP Eff nd nd nd	nd nd 215 54 Inf nd nd nd nd	Eff nd nd nd nd nd OCT Eff nd nd nd nd	nd nd nd Inf nd nd nd nd	Eff nd nd nd nd NOV Eff nd nd nd nd	nd nd nd nd nd Inf nd nd nd nd	Eff nd nd nd nd DEC Eff nd nd nd nd nd
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3	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
4	nd	nd	nd	nd	nd	nd			nd	nd	nd	nd	nd	nd	nd	nd			nd	nd	nd	nd	nd	nd
Avg	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
											TOXAPH	IENE (ng∕	/L) 2001											
		JAN		FEB				APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	nd	nd	nd	nd	n¢niaR	nd	nd	nd	nd	nd	NA	nd	nd	nd	nd	nd	NA	nd						
2	nd	nd	nd	nd	NA	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
3	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
4	nd	nd			nd	nd	nd	nd	nd	nd	nd	nd			nd									
Avg	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
											τοχαρι	IENE (ng/	/1) 2002											
		JAN		FEB				APR		MAY	10/04/1	JUN	L) 2002	JUL		AUG		SEP		ОСТ		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	nd	nd	nd	nd	nølar	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
2	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
3	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
4			nd	nd	nd	nd	nd	nd			nd	nd	nd	nd	nd	nd	nd	nd	nd	nd			nd	nd
Avg	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
· ·																								
											TOXAPH	IENE (ng/	/L) 2003											
		JAN		FEB				APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	nd	nd	nd	nd	n¢MAR	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
2	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
3	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
4	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd			nd	nd	nd	nd	nd	nd
Avg	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
											ТОХАРЬ	IENE (ng/	/1) 2004											
		JAN		FEB				APR		MAY	IOAAII	JUN	L) 2004	JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	nd	nd			nMAR	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
2	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
3	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd			nd									
4	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Avg	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
5																								

									CHL	ORINATE	D PHENO		POUNDS	S (ua/L)	1999									
		JAN		FEB				APR	0112	MAY		JUN		JUL		AUG		SEP		ОСТ		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	nd	nd	nd	nd	nMAR	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
2	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
3	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
4			nd	nd	nd	nd	nd	nd			nd	nd			nd	nd								
Avg	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
									CHL	ORINATE	d Pheno	OLIC CON	IPOUNDS	6 (ug/L)	2000									
		JAN		FEB				APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	nd	nd	nd	nd	nMAR	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
2	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
3	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
4	nd	nd	nd	nd	nd	nd			nd	nd	nd	nd	nd	nd	nd	nd			nd	nd	nd	nd	nd	nd
Avg	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
									CHL	ORINATE	D PHENO		POUND	,	2001			SEP		ОСТ		NOV		DEC
Week	Inf	JAN Eff	Inf	FEB Eff	Inf	Eff	Inf	APR Eff	Inf	MAY Eff	Inf	JUN Eff	Inf	JUL Eff	Inf	AUG Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	DEC Eff
	nd	nd	nd				nd		nd				nd			nd	nd	nd		nd			nd	nd
1 2	nd	nd	nd	nd nd	nMAR nd	nd nd	nd	nd nd	nd	nd nd	nd nd	nd nd	nd	nd nd	nd nd	nd	nd	nd	nd nd	nd	nd nd	nd nd	nd	nd
3	nd	nd	nd	nd	nd	nd	nd	nu	nd	nd														
4	nd	nd	nu	na	nd	nd	na		nd	nu	nd	nd	nu	nu	nd	nd								
Avg	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Avg	na	nu	nu	na	nu	nu	nu	nu	nu	nu	nu	nu	nu	nu	nu	nu	na	na	nu	nu	nu	na	nu	nu
									CHL	ORINATE	D PHENO	OLIC CON	POUNDS	S (ua/L)	2002									
		JAN		FEB				APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC
Week	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf
1	nd	nd	nd	nd	nøn/ar	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
2	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
3	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
4			nd	nd	nd	nd	nd	nd			nd	nd			nd	nd								
Avg	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
									CHL	ORINATE	D PHENO	OLIC CON	IPOUNDS	6 (ug/L)	2003									
		JAN		FEB				APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	nd	nd	nd	nd	nMAR	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
2	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
3	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
4	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd			nd	nd	nd	nd	nd	nd
Avg	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
									CHL	ORINATE	D PHENO		POUNDS		2004					OOT		NOV		DEC
Week	Inf	JAN Eff	Inf	FEB Eff	Inf	Eff	Inf	APR Eff	Inf	MAY Eff	Inf	JUN Eff	Inf	JUL Eff	Inf	AUG Eff	Inf	SEP Eff	Inf	OCT Eff	Inf	NOV Eff	Inf	DEC Eff
		nd	1111	EII																				
	nd				nøniar	nd	nd	nd	nd	nd	nd	nd nd	nd nd	nd nd	nd	nd nd	nd	nd nd	nd	nd	nd	nd	nd	nd
1	nd		nd	nd	nd	nd	nd																	
2	nd	nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd	nd nd		nu	nu	nd nd		nd nd		nd nd	nd nd	nd nd	nd nd	nd nd	nd nd
2 3	nd nd	nd nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd			nd	nd								
2	nd	nd											nd	nd										

									NON-CH	LORINAT	TED PHEN	IOLIC CO	MPOUND	S (ug/L)	1999									
		JAN		FEB		MAR		APR		MAY		JUN				AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	15.1	11.1	14.8	11.9	15.5	11.6	17.1	11.8	12.7	8	19.9	10.6	24يۇر 24	15.6	21.5	8.1	16.1	11.3	13.8	12	18.2	10.8	13.2	9.9
2	15.6	10.8	23.6	13.4	13.9	9.6	15.6	11.4	14.6	7.8	21.6	13.1	16.9	10.8	22.7	14.5	19.2	15.3	17.9	15.7	15.9	12.3	21.3	17
3	15.9	11	18.9	13.8	13.5	8.3	19.5	12.4	6.5	10.9	18	11.1	21.8	13.8	17	14.9	16.4	14.3	16.6	8.9	19.4	12	16.1	11.7
4			16.7	8.6	24.4	14.2	15.5	12			15.8	8.7	18.6	14.5	15.5	12.3	16.1	14.5	15.5	8.5			18.6	11.1
Avg	15.5	11	18.5	11.9	16.8	10.9	16.9	11.9	11.3	8.9	18.8	10.9	20.4 MPOUND	13.7	19.2	12.5	17	13.9	16	11.3	17.8	11.7	17.3	12.4
		JAN		FEB		MAR		APR		MAY		JUN	INPOUND	3 (uy/L)	2000	AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	13.8	9	20.7	12.6	13.1	10.4	13.8	8.2	12.9	11.3	7.7	6.3	24.jßj	20.3	22.9	16.1	15.2	10.3	15.6	10.9	21.5	14.4	11	8.5
2	26.6	16.9	18.5	14.1	11.9	10	13.9	7.8	12.9	10	8.8	6.7	21.4	18.9	16.5	10.8	13.6	10.3	16.6	10.6	*	7.7	13.8	11.5
3	18.9	14.9	15.9	9.9	10.4	9.1	15.3	12.1	17.2	15.4	24.3	11.6	20.2	18	18.2	11.2	21.4	15.4	16.2	11.9	18.7	14.4	20.3	14.6
4	19.1	12	13.9	9.1	16.8	10.5			6.9	7.7	16.9	13.4	21.5	12.7	12.1	9.5			15.2	11.1	11.6	8.6	19.6	14
Avg	19.6	13.2	17.3	11.4	13.1	10	14.3	9.4	12.5	11.1	14.4	9.5	21.6	17.5	17.4	11.9	16.7	12	15.9	11.1	17.3	11.3	16.2	12.2
									NON-CH				MPOUND	S (ua71)	2001									
		JAN		FEB		MAR		APR	NON ON	MAY		JUN		5 (ug/ L)	2001	AUG		SEP		ОСТ		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	17.3	13.7	22.9	23	12.1	7	21.6	24.3	17.9	18.4	25.8	15.5	19.j()_	10.5	16.4	11.5	14.8	6.3	13.3	8.5	15.2	12.4	19.1	8.4
2	11.5	8.5	11.6	6.6	11.3	8	22	12.4	14.7	9.8	17.9	12	15.2	5	18.9	8.9	15.8	8.5	10.4	10.3	16.6	11.6	13.6	9.8
3	13.9	9.5	15.4	15.1	15.1	13.7		13.7	19.1	13.1	12.7	7.4	15.5	10.1	14.8	9.9	16.1	6.6	12.9	6.1	25.1	10.3	12.2	7.8
4	19.5	16.1			21.3	7.8				8.8	16.7	7.9			14.5	9.7	17.5	9.2	12.8	10	23.1	13.6	19.8	12.5
Avg	15.6	12	16.6	14.9	15	9.1	21.8	16.8	17.2	12.5	18.3	10.7	16.6	8.5	16.2	10	16.1	7.7	12.4	8.7	20	12	16.2	9.6
	NON-CHLORINATED PHENOLIC COMPOUNDS (ug/L) 2002																							
									NON-CH	LORINAT	red phen	IOLIC CO	MPOUND	S (ua/L)	2002									
		JAN		FEB		MAR		APR	NON-CH	LORINAT MAY	fed phen	IOLIC CO JUN	MPOUND	S (ug/L)	2002	AUG		SEP		ОСТ		NOV		DEC
Week	Inf	JAN Eff	Inf	FEB Eff	Inf	MAR Eff	Inf	APR Eff	NON-CH Inf		red Phen Inf		MPOUND Inf	S (ug/L) Eff	2002 Inf	AUG Eff	Inf	SEP Eff	Inf	OCT Eff	Inf	NOV Eff	Inf	DEC Eff
Week	Inf 22.5		Inf 19.3		Inf 20.1		Inf 22.6			MAY		JUN	Inf	,			Inf 14.7		Inf 13.9		Inf 15.7		Inf 17	
		Eff		Eff		Eff		Eff	Inf	MAY Eff	Inf	JUN Eff		Eff	Inf	Eff		Eff		Eff		Eff		Eff
1	22.5	Eff 15.1	19.3	Eff 19.9	20.1	Eff 19.5	22.6	Eff 17.1	Inf 16.6	MAY Eff 14.6	Inf 17.8	JUN Eff 11.2	Inf 15پور	Eff 7.4	Inf 14.4	Eff 8.8	14.7	Eff 9.3	13.9	Eff 9.7	15.7	Eff 8.2	17	Eff 9.1
1 2	22.5 19 15.9	Eff 15.1 14.1 15.3	19.3 14.8 14.2 19.6	Eff 19.9 13.2 12.3 20.2	20.1 14.9 14.7 6.3	Eff 19.5 13.2 17.1 0	22.6 15 17.3 11.9	Eff 17.1 13.1 15.7 12.9	Inf 16.6 12.7 13.9	MAY Eff 14.6 11.9 11.1	Inf 17.8 13.2 13.1 18	JUN Eff 11.2 7 15.7 10.3	Inf 15 کور 11.3 13.3 10.3	Eff 7.4 9.4 9.8 7.9	Inf 14.4 13.4 11.8 8.9	Eff 8.8 7.7 9 8.2	14.7 12.6 11.4 13.7	Eff 9.3 7.8 6.5 8.1	13.9 16.1 13.8 10.3	Eff 9.7 8 9.8 6.8	15.7 12.3 9.2	Eff 8.2 7.1 7.4	17 9.9 9.4 18	Eff 9.1 9.4 7.5 15.3
1 2 3	22.5 19	Eff 15.1 14.1	19.3 14.8 14.2	Eff 19.9 13.2 12.3	20.1 14.9 14.7	Eff 19.5 13.2 17.1	22.6 15 17.3	Eff 17.1 13.1 15.7	Inf 16.6 12.7 13.9 14.4	MAY Eff 14.6 11.9 11.1 12.5	Inf 17.8 13.2 13.1 18 15.5	JUN Eff 11.2 7 15.7 10.3 11.1	Inf 15پور 11.3 13.3 10.3 12.7	Eff 7.4 9.4 9.8 7.9 8.6	Inf 14.4 13.4 11.8 8.9 12.1	Eff 8.8 7.7 9	14.7 12.6 11.4	Eff 9.3 7.8 6.5	13.9 16.1 13.8	Eff 9.7 8 9.8	15.7 12.3	Eff 8.2 7.1	17 9.9 9.4	Eff 9.1 9.4 7.5
1 2 3 4	22.5 19 15.9	Eff 15.1 14.1 15.3 14.8	19.3 14.8 14.2 19.6	Eff 19.9 13.2 12.3 20.2 16.4	20.1 14.9 14.7 6.3	Eff 19.5 13.2 17.1 0 12.5	22.6 15 17.3 11.9	Eff 17.1 13.1 15.7 12.9 14.7	Inf 16.6 12.7 13.9 14.4	MAY Eff 14.6 11.9 11.1 12.5 LORINAT	Inf 17.8 13.2 13.1 18 15.5	JUN Eff 11.2 7 15.7 10.3 11.1 IOLIC CO	Inf 15 کور 11.3 13.3 10.3	Eff 7.4 9.4 9.8 7.9 8.6	Inf 14.4 13.4 11.8 8.9 12.1	Eff 8.8 7.7 9 8.2 8.4	14.7 12.6 11.4 13.7	Eff 9.3 7.8 6.5 8.1 7.9	13.9 16.1 13.8 10.3	Eff 9.7 8 9.8 6.8 8.6	15.7 12.3 9.2	Eff 8.2 7.1 7.4 7.6	17 9.9 9.4 18	Eff 9.1 9.4 7.5 15.3 10.3
1 2 3 4	22.5 19 15.9	Eff 15.1 14.1 15.3	19.3 14.8 14.2 19.6 17	Eff 19.9 13.2 12.3 20.2 16.4 FEB	20.1 14.9 14.7 6.3 14	Eff 19.5 13.2 17.1 0 12.5 MAR	22.6 15 17.3 11.9 16.7	Eff 17.1 13.1 15.7 12.9 14.7 APR	Inf 16.6 12.7 13.9 14.4	MAY Eff 14.6 11.9 11.1 12.5 LORINAT MAY	Inf 17.8 13.2 13.1 18 15.5 FED PHEN	JUN Eff 11.2 7 15.7 10.3 11.1 IOLIC CO JUN	Inf 15.j0L 11.3 13.3 10.3 12.7 MPOUND	Eff 7.4 9.4 9.8 7.9 8.6 S (ug/L)	Inf 14.4 13.4 11.8 8.9 12.1 2003	Eff 8.8 7.7 9 8.2 8.4 AUG	14.7 12.6 11.4 13.7 13.1	Eff 9.3 7.8 6.5 8.1 7.9 SEP	13.9 16.1 13.8 10.3 13.5	Eff 9.7 8 9.8 6.8	15.7 12.3 9.2 12.4	Eff 8.2 7.1 7.4	17 9.9 9.4 18 13.6	Eff 9.1 9.4 7.5 15.3 10.3 DEC
1 2 3 4 Avg	22.5 19 15.9 19.1	Eff 15.1 14.1 15.3 14.8 JAN	19.3 14.8 14.2 19.6	Eff 19.9 13.2 12.3 20.2 16.4 FEB Eff	20.1 14.9 14.7 6.3 14 Inf	Eff 19.5 13.2 17.1 0 12.5 MAR Eff	22.6 15 17.3 11.9 16.7	Eff 17.1 13.1 15.7 12.9 14.7 APR Eff	Inf 16.6 12.7 13.9 14.4 NON-CH Inf	MAY Eff 14.6 11.9 11.1 12.5 LORINAT MAY Eff	Inf 17.8 13.2 13.1 18 15.5 FED PHEN Inf	JUN Eff 11.2 7 15.7 10.3 11.1 IOLIC CO JUN Eff	Inf 15,0L 11.3 13.3 10.3 12.7 MPOUND Inf	Eff 7.4 9.4 9.8 7.9 8.6 S (ug/L) Eff	Inf 14.4 13.4 11.8 8.9 12.1 2003 Inf	Eff 8.8 7.7 9 8.2 8.4 AUG Eff	14.7 12.6 11.4 13.7	Eff 9.3 7.8 6.5 8.1 7.9 SEP Eff	13.9 16.1 13.8 10.3 13.5	Eff 9.7 8 9.8 6.8 8.6 OCT	15.7 12.3 9.2 12.4	Eff 8.2 7.1 7.4 7.6 NOV	17 9.9 9.4 18 13.6	Eff 9.1 9.4 7.5 15.3 10.3 DEC Eff
1 2 3 4 Avg Week	22.5 19 15.9 19.1	Eff 15.1 14.1 15.3 14.8 JAN Eff	19.3 14.8 14.2 19.6 17 Inf	Eff 19.9 13.2 12.3 20.2 16.4 FEB	20.1 14.9 14.7 6.3 14	Eff 19.5 13.2 17.1 0 12.5 MAR	22.6 15 17.3 11.9 16.7	Eff 17.1 13.1 15.7 12.9 14.7 APR	Inf 16.6 12.7 13.9 14.4 NON-CH	MAY Eff 14.6 11.9 11.1 12.5 LORINAT MAY	Inf 17.8 13.2 13.1 18 15.5 FED PHEN	JUN Eff 11.2 7 15.7 10.3 11.1 IOLIC CO JUN	Inf 15.j0L 11.3 13.3 10.3 12.7 MPOUND	Eff 7.4 9.4 9.8 7.9 8.6 S (ug/L) Eff 4.1	Inf 14.4 13.4 11.8 8.9 12.1 2003	Eff 8.8 7.7 9 8.2 8.4 AUG	14.7 12.6 11.4 13.7 13.1	Eff 9.3 7.8 6.5 8.1 7.9 SEP	13.9 16.1 13.8 10.3 13.5 Inf 9.2	Eff 9.7 8 9.8 6.8 8.6 OCT Eff	15.7 12.3 9.2 12.4	Eff 8.2 7.1 7.4 7.6 NOV Eff	17 9.9 9.4 18 13.6	Eff 9.1 9.4 7.5 15.3 10.3 DEC Eff 11.0
1 2 3 4 Avg Week	22.5 19 15.9 19.1 19.1 Inf 16.2	Eff 15.1 14.1 15.3 14.8 JAN Eff 9.8	19.3 14.8 14.2 19.6 17 Inf 11.2	Eff 19.9 13.2 12.3 20.2 16.4 FEB Eff 5.7	20.1 14.9 14.7 6.3 14 Inf 14.0	Eff 19.5 13.2 17.1 0 12.5 MAR Eff 12.9	22.6 15 17.3 11.9 16.7 Inf 17.1	Eff 17.1 13.1 15.7 12.9 14.7 APR Eff 11.3	Inf 16.6 12.7 13.9 14.4 NON-CH Inf 18.3	MAY Eff 14.6 11.9 11.1 12.5 LORINAT MAY Eff 9.7	Inf 17.8 13.2 13.1 18 15.5 FED PHEN Inf 15.0	JUN Eff 11.2 7 15.7 10.3 11.1 IOLIC CO JUN Eff 10.2	Inf 15.901 11.3 13.3 10.3 12.7 MPOUND Inf 16.001	Eff 7.4 9.4 9.8 7.9 8.6 S (ug/L) Eff	Inf 14.4 13.4 11.8 8.9 12.1 2003 Inf 12.1	Eff 8.8 7.7 9 8.2 8.4 AUG Eff 8.7	14.7 12.6 11.4 13.7 13.1 Inf 10.5	Eff 9.3 7.8 6.5 8.1 7.9 SEP Eff 7.2	13.9 16.1 13.8 10.3 13.5	Eff 9.7 8 9.8 6.8 8.6 OCT Eff 9.4	15.7 12.3 9.2 12.4 Inf 13.8	Eff 8.2 7.1 7.4 7.6 NOV Eff 8.8	17 9.9 9.4 18 13.6 Inf 16.2	Eff 9.1 9.4 7.5 15.3 10.3 DEC Eff
1 2 3 4 Avg Week 1 2	22.5 19 15.9 19.1 19.1 Inf 16.2 11.8	Eff 15.1 14.1 15.3 14.8 JAN Eff 9.8 9.4	19.3 14.8 14.2 19.6 17 Inf 11.2 14.4	Eff 19.9 13.2 12.3 20.2 16.4 FEB Eff 5.7 10.2	20.1 14.9 14.7 6.3 14 Inf 14.0 6.7	Eff 19.5 13.2 17.1 0 12.5 MAR Eff 12.9 4.1	22.6 15 17.3 11.9 16.7 Inf 17.1 23.8	Eff 17.1 13.1 15.7 12.9 14.7 APR Eff 11.3 17.5	Inf 16.6 12.7 13.9 14.4 NON-CH Inf 18.3 15.2	MAY Eff 14.6 11.9 11.1 12.5 LORINAT MAY Eff 9.7 13.9	Inf 17.8 13.2 13.1 18 15.5 FED PHEN Inf 15.0 17.6	JUN Eff 11.2 7 15.7 10.3 11.1 IOLIC CO JUN Eff 10.2 11.5	Inf 15,0L 11.3 13.3 10.3 12.7 MPOUND Inf 16,0L 19.6	Eff 7.4 9.4 9.8 7.9 8.6 S (ug/L) Eff 4.1 13.1	Inf 14.4 13.4 11.8 8.9 12.1 2003 Inf 12.1 16.2	Eff 8.8 7.7 9 8.2 8.4 AUG Eff 8.7 11.2	14.7 12.6 11.4 13.7 13.1 Inf 10.5 12.2	Eff 9.3 7.8 6.5 8.1 7.9 SEP Eff 7.2 6.5	13.9 16.1 13.8 10.3 13.5 Inf 9.2 13.8	Eff 9.7 8 9.8 6.8 8.6 OCT Eff 9.4 5.8	15.7 12.3 9.2 12.4 Inf 13.8 17.0	Eff 8.2 7.1 7.4 7.6 NOV Eff 8.8 10.4	17 9.9 9.4 18 13.6 Inf 16.2 20.5	Eff 9.1 9.4 7.5 15.3 10.3 DEC Eff 11.0 16.5
1 2 3 4 Avg Week 1 2 3	22.5 19 15.9 19.1 <u>Inf</u> 16.2 11.8 12.9	Eff 15.1 14.1 15.3 14.8 JAN Eff 9.8 9.4 10.0	19.3 14.8 14.2 19.6 17 Inf 11.2 14.4 12.1	Eff 19.9 13.2 12.3 20.2 16.4 FEB Eff 5.7 10.2 9.6	20.1 14.9 14.7 6.3 14 <u>Inf</u> 14.0 6.7 14.0	Eff 19.5 13.2 17.1 0 12.5 MAR Eff 12.9 4.1 13.7	22.6 15 17.3 11.9 16.7 Inf 17.1 23.8 15.7	Eff 17.1 13.1 15.7 12.9 14.7 APR Eff 11.3 17.5 12.0	Inf 16.6 12.7 13.9 14.4 NON-CH Inf 18.3 15.2 18.3	MAY Eff 14.6 11.9 11.1 12.5 LORINAT MAY Eff 9.7 13.9 13.7	Inf 17.8 13.2 13.1 18 15.5 FED PHEN Inf 15.0 17.6 15.6	JUN Eff 11.2 7 15.7 10.3 11.1 JOLIC CO JUN Eff 10.2 11.5 13.0	Inf 15,0L 11.3 13.3 10.3 12.7 MPOUND Inf 16,0L 19.6 18.1	Eff 7.4 9.4 9.8 7.9 8.6 S (ug/L) Eff 4.1 13.1 13.3	Inf 14.4 13.4 11.8 8.9 12.1 2003 Inf 12.1 16.2 17.6	Eff 8.8 7.7 9 8.2 8.4 AUG Eff 8.7 11.2 11.7	14.7 12.6 11.4 13.7 13.1 Inf 10.5 12.2	Eff 9.3 7.8 6.5 8.1 7.9 SEP Eff 7.2 6.5	13.9 16.1 13.8 10.3 13.5 Inf 9.2 13.8 nd	Eff 9.7 8 9.8 6.8 8.6 OCT Eff 9.4 5.8 7.2	15.7 12.3 9.2 12.4 <u>Inf</u> 13.8 17.0 16.7	Eff 8.2 7.1 7.4 7.6 NOV Eff 8.8 10.4 6.5	17 9.9 9.4 18 13.6 <u>Inf</u> 16.2 20.5 15.6	Eff 9.1 9.4 7.5 15.3 10.3 DEC Eff 11.0 16.5 9.7
1 2 3 4 Avg Week 1 2 3 4	22.5 19 15.9 19.1 19.1 16.2 11.8 12.9 18.2	Eff 15.1 14.1 15.3 14.8 JAN Eff 9.8 9.4 10.0 13.3	19.3 14.8 14.2 19.6 17 11.2 14.4 12.1 10.5	Eff 19.9 13.2 12.3 20.2 16.4 FEB Eff 5.7 10.2 9.6 8.6	20.1 14.9 14.7 6.3 14 <u>Inf</u> 14.0 6.7 14.0 11.6	Eff 19.5 13.2 17.1 0 12.5 MAR Eff 12.9 4.1 13.7 10.2	22.6 15 17.3 11.9 16.7 17.1 23.8 15.7 17.0	Eff 17.1 13.1 15.7 12.9 14.7 APR Eff 11.3 17.5 12.0 12.4	Inf 16.6 12.7 13.9 14.4 NON-CH Inf 18.3 15.2 18.3 15.6 16.9	MAY Eff 14.6 11.9 11.1 12.5 LORINAT MAY Eff 9.7 13.9 13.7 12.8 12.5	Inf 17.8 13.2 13.1 15.5 FED PHEN 15.0 17.6 15.6 13.2 15.4	JUN Eff 11.2 7 15.7 10.3 11.1 IOLIC CO JUN Eff 10.2 11.5 13.0 11.4 11.5	Inf 15,0,1 11.3 13.3 10.3 12.7 MPOUND Inf 16,0,1 19.6 18.1 20.5 18.6	Eff 7.4 9.8 7.9 8.6 S (ug/L) Eff 4.1 13.1 13.3 14.1 11.2	Inf 14.4 13.4 11.8 8.9 12.1 2003 Inf 12.1 16.2 17.6 14.9 15.2	Eff 8.8 7.7 9 8.2 8.4 AUG Eff 8.7 11.2 11.7 10.1	14.7 12.6 11.4 13.7 13.1 10.5 12.2 11.5	Eff 9.3 7.8 6.5 8.1 7.9 SEP Eff 7.2 6.5 9.3	13.9 16.1 13.8 10.3 13.5 Inf 9.2 13.8 nd 15.0	Eff 9.7 8 9.8 6.8 8.6 OCT Eff 9.4 5.8 7.2 8.7	15.7 12.3 9.2 12.4 13.8 17.0 16.7 17.5	Eff 8.2 7.1 7.4 7.6 NOV Eff 8.8 10.4 6.5 12.6	17 9.9 9.4 18 13.6 16.2 20.5 15.6 17.1	Eff 9.1 9.4 7.5 15.3 10.3 DEC Eff 11.0 16.5 9.7 13.0
1 2 3 4 Avg Week 1 2 3 4	22.5 19 15.9 19.1 19.1 16.2 11.8 12.9 18.2	Eff 15.1 14.1 15.3 14.8 JAN Eff 9.8 9.4 10.0 13.3 10.6	19.3 14.8 14.2 19.6 17 11.2 14.4 12.1 10.5	Eff 19.9 13.2 12.3 20.2 16.4 FEB Eff 5.7 10.2 9.6 8.6 8.5	20.1 14.9 14.7 6.3 14 <u>Inf</u> 14.0 6.7 14.0 11.6	Eff 19.5 13.2 17.1 0 12.5 MAR Eff 12.9 4.1 13.7 10.2 10.2	22.6 15 17.3 11.9 16.7 17.1 23.8 15.7 17.0	Eff 17.1 13.1 15.7 12.9 14.7 APR Eff 11.3 17.5 12.0 12.4 13.3	Inf 16.6 12.7 13.9 14.4 NON-CH Inf 18.3 15.2 18.3 15.6 16.9	MAY Eff 14.6 11.9 11.1 12.5 LORINAT MAY Eff 9.7 13.9 13.7 12.8 12.5 LORINAT	Inf 17.8 13.2 13.1 15.5 FED PHEN 15.0 17.6 15.6 13.2 15.4	JUN Eff 11.2 7 15.7 10.3 11.1 IOLIC CO JUN Eff 10.2 11.5 13.0 11.4 11.5 IOLIC CO	Inf 15,9L 11.3 13.3 10.3 12.7 MPOUND Inf 16,9L 19.6 18.1 20.5	Eff 7.4 9.8 7.9 8.6 S (ug/L) Eff 4.1 13.1 13.3 14.1 11.2	Inf 14.4 13.4 11.8 8.9 12.1 2003 Inf 12.1 16.2 17.6 14.9 15.2	Eff 8.8 7.7 9 8.2 8.4 AUG Eff 8.7 11.2 11.7 10.1 10.4	14.7 12.6 11.4 13.7 13.1 10.5 12.2 11.5	Eff 9.3 7.8 6.5 8.1 7.9 SEP Eff 7.2 6.5 9.3 7.7	13.9 16.1 13.8 10.3 13.5 Inf 9.2 13.8 nd 15.0	Eff 9.7 8 9.8 6.8 8.6 OCT Eff 9.4 5.8 7.2 8.7 7.8	15.7 12.3 9.2 12.4 13.8 17.0 16.7 17.5	Eff 8.2 7.1 7.4 7.6 NOV Eff 8.8 10.4 6.5 12.6 9.6	17 9.9 9.4 18 13.6 16.2 20.5 15.6 17.1	Eff 9.1 9.4 7.5 15.3 10.3 DEC Eff 11.0 16.5 9.7 13.0 12.6
1 2 3 4 Avg Week 1 2 3 4	22.5 19 15.9 19.1 19.1 16.2 11.8 12.9 18.2	Eff 15.1 14.1 15.3 14.8 JAN Eff 9.8 9.4 10.0 13.3	19.3 14.8 14.2 19.6 17 11.2 14.4 12.1 10.5	Eff 19.9 13.2 12.3 20.2 16.4 FEB Eff 5.7 10.2 9.6 8.6	20.1 14.9 14.7 6.3 14 14 14 14.0 6.7 14.0 11.6	Eff 19.5 13.2 17.1 0 12.5 MAR Eff 12.9 4.1 13.7 10.2	22.6 15 17.3 11.9 16.7 17.1 23.8 15.7 17.0	Eff 17.1 13.1 15.7 12.9 14.7 APR Eff 11.3 17.5 12.0 12.4	Inf 16.6 12.7 13.9 14.4 NON-CH Inf 18.3 15.2 18.3 15.6 16.9	MAY Eff 14.6 11.9 11.1 12.5 LORINAT MAY Eff 9.7 13.9 13.7 12.8 12.5	Inf 17.8 13.2 13.1 15.5 FED PHEN 15.0 17.6 15.6 13.2 15.4	JUN Eff 11.2 7 15.7 10.3 11.1 IOLIC CO JUN Eff 10.2 11.5 13.0 11.4 11.5	Inf 15,01 11.3 13.3 10.3 12.7 MPOUND Inf 16,01 19.6 18.1 20.5 18.6	Eff 7.4 9.8 7.9 8.6 S (ug/L) Eff 4.1 13.1 13.3 14.1 11.2	Inf 14.4 13.4 11.8 8.9 12.1 2003 Inf 12.1 16.2 17.6 14.9 15.2	Eff 8.8 7.7 9 8.2 8.4 AUG Eff 8.7 11.2 11.7 10.1	14.7 12.6 11.4 13.7 13.1 10.5 12.2 11.5	Eff 9.3 7.8 6.5 8.1 7.9 SEP Eff 7.2 6.5 9.3	13.9 16.1 13.8 10.3 13.5 Inf 9.2 13.8 nd 15.0	Eff 9.7 8 9.8 6.8 8.6 OCT Eff 9.4 5.8 7.2 8.7	15.7 12.3 9.2 12.4 13.8 17.0 16.7 17.5	Eff 8.2 7.1 7.4 7.6 NOV Eff 8.8 10.4 6.5 12.6	17 9.9 9.4 18 13.6 16.2 20.5 15.6 17.1	Eff 9.1 9.4 7.5 15.3 10.3 DEC Eff 11.0 16.5 9.7 13.0
1 2 3 4 Avg Week 1 2 3 4 Avg	22.5 19 15.9 19.1 19.1 16.2 11.8 12.9 18.2 14.8	Eff 15.1 14.1 15.3 14.8 JAN Eff 9.8 9.4 10.0 13.3 10.6 JAN	19.3 14.8 14.2 19.6 17 11.2 14.4 12.1 10.5 12.1	Eff 19.9 13.2 12.3 20.2 16.4 FEB Eff 5.7 10.2 9.6 8.6 8.5 FEB	20.1 14.9 14.7 6.3 14 14 14.0 6.7 14.0 6.7 14.0 11.6 11.6	Eff 19.5 13.2 17.1 0 12.5 MAR Eff 12.9 4.1 13.7 10.2 10.2 MAR	22.6 15 17.3 11.9 16.7 17.1 23.8 15.7 17.0 18.4	Eff 17.1 13.1 15.7 12.9 14.7 APR Eff 11.3 17.5 12.0 12.4 13.3 APR	Inf 16.6 12.7 13.9 14.4 NON-CH Inf 18.3 15.2 18.3 15.6 16.9 NON-CH	MAY Eff 14.6 11.9 11.1 12.5 LORINAT MAY Eff 9.7 13.9 13.7 12.8 12.5 LORINAT	Inf 17.8 13.2 13.1 18 15.5 FED PHEN 15.0 17.6 15.6 15.6 13.2 15.4 FED PHEN	JUN Eff 11.2 7 15.7 10.3 11.1 IOLIC CO JUN Eff 10.2 11.5 13.0 11.4 11.5 IOLIC CO JUN	Inf 15,9)L 11.3 13.3 10.3 12.7 MPOUND Inf 16,9)L 19.6 18.1 20.5 18.6 MPOUND Inf	Eff 7.4 9.8 7.9 8.6 S (ug/L) Eff 4.1 13.1 13.3 14.1 11.2 S (ug/L)	Inf 14.4 13.4 11.8 8.9 12.1 2003 Inf 12.1 16.2 17.6 14.9 15.2 2004	Eff 8.8 7.7 9 8.2 8.4 AUG Eff 8.7 11.2 11.7 10.1 10.4 AUG	14.7 12.6 11.4 13.7 13.1 10.5 12.2 11.5 11.4	Eff 9.3 7.8 6.5 8.1 7.9 SEP Eff 7.2 6.5 9.3 7.7 SEP	13.9 16.1 13.8 10.3 13.5 13.5 9.2 13.8 nd 15.0 12.7	Eff 9.7 8 9.8 6.8 8.6 OCT Eff 9.4 5.8 7.2 8.7 7.8 OCT	15.7 12.3 9.2 12.4 13.8 17.0 16.7 17.5 16.3	Eff 8.2 7.1 7.4 7.6 NOV Eff 8.8 10.4 6.5 12.6 9.6 NOV	17 9.9 9.4 18 13.6 16.2 20.5 15.6 17.1 17.4	Eff 9.1 9.4 7.5 15.3 10.3 DEC Eff 11.0 16.5 9.7 13.0 12.6 DEC
1 2 3 4 Avg Week 1 2 3 4 Avg Week	22.5 19 15.9 19.1 19.1 16.2 11.8 12.9 18.2 14.8 Inf	Eff 15.1 14.1 15.3 14.8 JAN Eff 9.8 9.4 10.0 13.3 10.6 JAN Eff	19.3 14.8 14.2 19.6 17 11.2 14.4 12.1 10.5 12.1	Eff 19.9 13.2 12.3 20.2 16.4 FEB Eff 5.7 10.2 9.6 8.6 8.5 FEB	20.1 14.9 14.7 6.3 14 14 14.0 6.7 14.0 11.6 11.6 11.6	Eff 19.5 13.2 17.1 0 12.5 MAR Eff 12.9 4.1 13.7 10.2 10.2 MAR Eff	22.6 15 17.3 11.9 16.7 17.1 23.8 15.7 17.0 18.4	Eff 17.1 13.1 15.7 12.9 14.7 APR Eff 11.3 17.5 12.0 12.4 13.3 APR Eff	Inf 16.6 12.7 13.9 14.4 NON-CH Inf 18.3 15.6 16.9 NON-CH Inf	MAY Eff 14.6 11.9 11.1 12.5 LORINAT MAY Eff 9.7 13.9 13.7 12.8 12.5 LORINAT MAY Eff	Inf 17.8 13.2 13.1 18 15.5 FED PHEN 15.0 17.6 15.6 15.6 15.4 FED PHEN Inf	JUN Eff 11.2 7 15.7 10.3 11.1 IOLIC CO JUN Eff 10.2 11.5 13.0 11.4 11.5 IOLIC CO JUN Eff	Inf 15,9)L 11.3 13.3 10.3 12.7 MPOUND Inf 16,9)L 19.6 18.1 20.5 18.6 MPOUND	Eff 7.4 9.8 7.9 8.6 S (ug/L) Eff 4.1 13.3 14.1 11.2 S (ug/L) Eff	Inf 14.4 13.4 11.8 8.9 12.1 2003 Inf 12.1 16.2 17.6 14.9 15.2 2004 Inf	Eff 8.8 7.7 9 8.2 8.4 AUG Eff 10.1 10.4 AUG Eff	14.7 12.6 11.4 13.7 13.1 10.5 12.2 11.5 11.4	Eff 9.3 7.8 6.5 8.1 7.9 SEP Eff 7.2 6.5 9.3 7.7 8EP Eff	13.9 16.1 13.8 10.3 13.5 13.5 9.2 13.8 nd 15.0 12.7	Eff 9.7 8 9.8 6.8 8.6 OCT Eff 9.4 5.8 7.2 8.7 7.8 OCT Eff	15.7 12.3 9.2 12.4 13.8 17.0 16.7 17.5 16.3	Eff 8.2 7.1 7.4 7.6 NOV Eff 8.8 10.4 6.5 12.6 9.6 NOV Eff	17 9.9 9.4 18 13.6 16.2 20.5 15.6 17.1 17.4	Eff 9.1 9.4 7.5 15.3 10.3 DEC Eff 11.0 16.5 9.7 13.0 12.6 DEC Eff
1 2 3 4 Avg Week 1 2 3 4 Avg Week 1	22.5 19 15.9 19.1 16.2 11.8 12.9 18.2 14.8 Inf 16.9	Eff 15.1 14.1 15.3 14.8 JAN Eff 9.8 9.4 10.0 13.3 10.6 JAN Eff 13.6	19.3 14.8 14.2 19.6 17 11.2 14.4 12.1 10.5 12.1 Inf	Eff 19.9 13.2 12.3 20.2 16.4 FEB Eff 5.7 10.2 9.6 8.6 8.5 FEB Eff	20.1 14.9 14.7 6.3 14 14.0 6.7 14.0 6.7 14.0 11.6 11.6	Eff 19.5 13.2 17.1 0 12.5 MAR Eff 12.9 4.1 13.7 10.2 10.2 MAR Eff 13.9	22.6 15 17.3 11.9 16.7 17.1 23.8 15.7 17.0 18.4 Inf 17.5	Eff 17.1 13.1 15.7 12.9 14.7 APR Eff 11.3 17.5 12.0 12.4 13.3 APR Eff 13.6	Inf 16.6 12.7 13.9 14.4 NON-CH Inf 18.3 15.6 16.9 NON-CH Inf 11.5	MAY Eff 14.6 11.9 11.1 12.5 LORINAT MAY Eff 9.7 13.9 13.7 12.8 12.5 LORINAT MAY Eff 10.1	Inf 17.8 13.2 13.1 18 15.5 FED PHEN 15.0 17.6 15.0 17.6 13.2 15.4 FED PHEN FED PHEN 16.2	JUN Eff 11.2 7 15.7 10.3 11.1 IOLIC CO JUN Eff 10.2 11.5 13.0 11.4 11.5 IOLIC CO JUN Eff 10.6	Inf 15,9)L 11.3 13.3 10.3 12.7 MPOUND Inf 16,9)L 19.6 18.1 20.5 18.6 MPOUND Inf 18,9 18.6	Eff 7.4 9.4 9.8 7.9 8.6 S (ug/L) Eff 4.1 13.3 14.1 11.2 S (ug/L) Eff 11.1	Inf 14.4 13.4 11.8 8.9 12.1 2003 Inf 12.1 16.2 17.6 14.9 15.2 2004 Inf 11.4	Eff 8.8 7.7 9 8.2 8.4 AUG Eff 10.1 10.4 AUG Eff 9.1	14.7 12.6 11.4 13.7 13.1 10.5 12.2 11.5 11.4 Inf 15.9	Eff 9.3 7.8 6.5 8.1 7.9 SEP Eff 7.2 6.5 9.3 7.7 8EP Eff 10.7	13.9 16.1 13.8 10.3 13.5 13.5 9.2 13.8 nd 15.0 12.7 Inf 14.7	Eff 9.7 8 9.8 6.8 8.6 OCT Eff 9.4 5.8 7.2 8.7 7.8 OCT Eff 7.4	15.7 12.3 9.2 12.4 13.8 17.0 16.7 17.5 16.3 Inf 15.5	Eff 8.2 7.1 7.4 7.6 NOV Eff 8.8 10.4 6.5 12.6 9.6 NOV Eff 10.9	17 9.9 9.4 18 13.6 16.2 20.5 15.6 17.1 17.4 Inf 12.5	Eff 9.1 9.4 7.5 15.3 10.3 DEC Eff 11.0 16.5 9.7 13.0 12.6 DEC Eff 11.9
1 2 3 4 Avg Week 1 2 3 4 Avg Week 1 2	22.5 19 15.9 19.1 16.2 11.8 12.9 18.2 14.8 Inf 16.9 21.0	Eff 15.1 14.1 15.3 14.8 JAN Eff 9.8 9.4 10.0 13.3 10.6 JAN Eff 13.6 19.6	19.3 14.8 14.2 19.6 17 11.2 14.4 12.1 10.5 12.1 Inf 13.8	Eff 19.9 13.2 12.3 20.2 16.4 FEB Eff 5.7 10.2 9.6 8.6 8.5 FEB Eff 11.0	20.1 14.9 14.7 6.3 14 14 14.0 6.7 14.0 11.6 11.6 11.6 13.7	Eff 19.5 13.2 17.1 0 12.5 MAR Eff 12.9 4.1 13.7 10.2 10.2 MAR Eff 13.9 15.7	22.6 15 17.3 11.9 16.7 17.1 23.8 15.7 17.0 18.4 Inf 17.5 12.3	Eff 17.1 13.1 15.7 12.9 14.7 APR Eff 11.3 17.5 12.0 12.4 13.3 APR Eff 13.6 11.0	Inf 16.6 12.7 13.9 14.4 NON-CH Inf 18.3 15.2 18.3 15.6 16.9 NON-CH Inf 11.5 21.3	MAY Eff 14.6 11.9 11.1 12.5 LORINAT MAY Eff 9.7 13.9 13.7 12.8 12.5 LORINAT MAY Eff 10.1 19.9	Inf 17.8 13.2 13.1 18 15.5 FED PHEN 15.0 17.6 15.6 13.2 15.4 FED PHEN Inf 16.2 27.5	JUN Eff 11.2 7 15.7 10.3 11.1 IOLIC CO JUN Eff 10.2 11.5 13.0 11.4 11.5 IOLIC CO JUN Eff 10.6 10.9	Inf 15,9)L 11.3 13.3 10.3 12.7 MPOUND Inf 16,9)L 19.6 18.1 20.5 18.6 MPOUND Inf 18,9 18.6	Eff 7.4 9.4 9.8 7.9 8.6 S (ug/L) Eff 4.1 13.3 14.1 11.2 S (ug/L) Eff 11.1	Inf 14.4 13.4 11.8 8.9 12.1 2003 Inf 12.1 16.2 17.6 14.9 15.2 2004 Inf 11.4 19.0	Eff 8.8 7.7 9 8.2 8.4 AUG Eff 8.7 11.2 11.7 10.1 10.4 AUG Eff 9.1 8.8	14.7 12.6 11.4 13.7 13.1 10.5 12.2 11.5 11.4 Inf 15.9 16.5	Eff 9.3 7.8 6.5 8.1 7.9 SEP Eff 7.2 6.5 9.3 7.7 8EP Eff 10.7 9.9	13.9 16.1 13.8 10.3 13.5 9.2 13.8 nd 15.0 12.7 Inf 14.7 16.4	Eff 9.7 8 9.8 6.8 8.6 OCT Eff 7.2 8.7 7.8 OCT Eff 7.4 11.1	15.7 12.3 9.2 12.4 13.8 17.0 16.7 17.5 16.3 Inf 15.5 16.2	Eff 8.2 7.1 7.4 7.6 NOV Eff 8.8 10.4 6.5 12.6 9.6 NOV Eff 10.9 9.7	17 9.9 9.4 18 13.6 16.2 20.5 15.6 17.1 17.4 Inf 12.5 17.7	Eff 9.1 9.4 7.5 15.3 10.3 DEC Eff 11.0 16.5 9.7 13.0 12.6 DEC Eff 11.9 10.3