#### 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
- Influent And Effluent Graphs B.
- C. Daily Values Of Selected Parameters
- **Toxicity Bioassays** D.
- E. 6-Year Tables.

## Mass Emissions of Effluent Using 2002 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

Constituent/Property	Benchmarks	2002	2002	Units
. ,	(mt/yr)	Mass	Concentration	
		Emissions		
		(mt/yr) <sup>[1]</sup>		
Flow (MGD)			168.8	MGD
Total Suspended Solids	13,995 <sup>[2]</sup>	10,114	43.5	mg/L
BOD	В	21,763	93.6	mg/L
Arsenic	0.88	0.30	1.29	ug/L
Cadmium	1.4	0.09	0.4	ug/L
Chromium	14.2	0	0	ug/L
Copper	26	18	77.5	ug/L
Lead	14.2	0	0	ug/L
Mercury	0.19	0	0	ug/L
Nickel	11.3	0	0	ug/L
Selenium	0.44	0.27	1.16	ug/L
Silver	2.8	0.19	0.8	ug/L
Zinc	18.3	6.5	28	ug/L
Cyanide	1.57	0.81	0.0035	mg/L
Residual Chlorine				
Ammonia	8018	6,487	27.9	mg/L
Non-Chlor. Phenols	2.57	2.65	11.4	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 *(HCH)	0.025	0	7	ng/L
* (all as Lindane, the gamma isomer)				
Acrolein	17.6	0.00	0	ug/L
Antimony	56.6	4.0	17	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)				
di-n-butyl phthalate	1.33	0.00	0	ug/L
dichlorobenzenes	2.8	0.00	0	ug/L
1,1-dichloroethylene	0.79	0.00	0	ug/L
Diethyl phthalate	6.23	0.53	2.3	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 <b>B</b>	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	0.70	3	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

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

Constituent/Property	Benchmarks	2002	2002	Units
	(mt/yr)	Mass	Concentration	
		Emissions		
		(mt/yr) <sup>[1]</sup>		
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	0.98	4.2	ug/L
Carbon Tetrachloride	0.79	0.00	0	ug/L
Chlordane	0.014	0.00	0	ng/L
Chloroform	2.19	1.26	5.4	ug/L
DDT	0.043	0.00	0	ng/L
1,4-dichlorobenzene	1.25	0.05	0.2	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	0.67	2.9	ug/L
chloride)				Ü
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	0.33	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		0.00	0	pg/L
Tetrachloroethylene	4	0.07	0.3	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

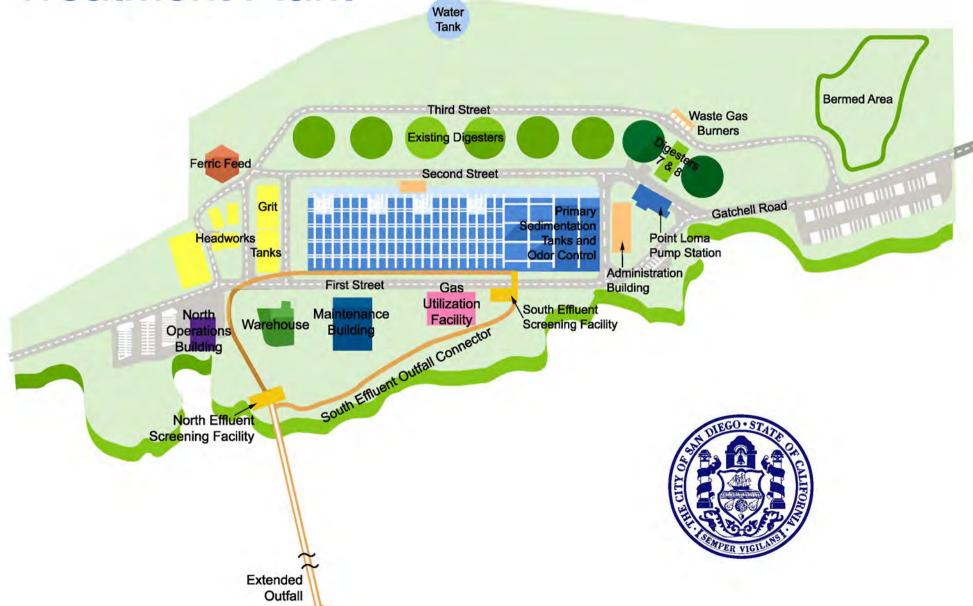
<sup>[1]</sup> Metric tons of mass emissions is calculated assuming the density of effluent is 1. The mean constituent value and mean daily flow value over the year is used to compute the mass emissions, assuming that constant concentration over 365 days.
[2] Total Suspended Solids (TSS)- The discharger shall achieve a mass emission of TSS of no greater than 13,995

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.

## 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



### POINT LOMA WASTEWATER TREATMENT PLANT

### SEWAGE ANNUAL

From 01-JAN-2002 To 31-DEC-2002

### Biochemical Oxygen Demand Concentration (24-hour composite)

		Daily	Daily	Daily	Daily	Percent
		Influent	Influent	Effluent	Effluent	Removal
		Value	Value	Value	Value	BOD
	Flow	(mg/L)	(lbs/Day)	(mg/L)	(lbs/Day)	(%)
=========	========	========	========	========	========	========
JANUARY -2002	171.0	257	366518	95	135483	63.0
FEBRUARY -2002	170.4	257	365232	107	152062	58.4
MARCH -2002	171.8	261	373964	94	134684	64.0
APRIL -2002	171.4	266	380241	99	141518	62.8
MAY -2002	165.1	263	362134	89	122547	66.2
JUNE -2002	168.5	268	376618	84	118044	68.7
JULY -2002	168.2	280	392781	90	126251	67.9
AUGUST -2002	165.8	264	365052	89	123067	66.3
SEPTEMBER-2002	167.4	260	362990	84	117274	67.7
OCTOBER -2002	166.6	270	375150	95	131997	64.8
NOVEMBER -2002	168.8	276	388551	105	147818	62.0
DECEMBER -2002	171.3	266	380019	94	134292	64.7
Average	168.9	266	374104	94	132086	64.7

### Total Suspended Solids Concentration (24-hour composite)

		Daily Influent	Daily Influent	Percent	Daily Influent	Daily Effluent	Daily Effluent	Percent
		Value	Volatile	VSS of TSS	Value	Value	Volatile	VSS of TSS
	Flow	(mg/L)	(mg/L)	(%)	(lbs/Day)	(mg/L)	(mg/L)	(%)
=========	========				========	========		========
JANUARY -2002	171.0	281	231	82.2	400745	41	31	75.6
FEBRUARY -2002	170.4	260	216	83.1	369495	47	35	74.5
MARCH -2002	171.8	270	220	81.5	386859	41	30	73.2
APRIL -2002	171.4	283	235	83.0	404542	42	31	73.8
MAY -2002	165.1	290	238	82.1	399311	43	31	72.1
JUNE -2002	168.5	301	246	81.7	422992	47	35	74.5
JULY -2002	168.2	318	260	81.8	446087	52	38	73.1
AUGUST -2002	165.8	293	238	81.2	405152	46	34	73.9
SEPTEMBER-2002	167.4	290	236	81.4	404874	39	28	71.8
OCTOBER -2002	166.6	287	233	81.2	398770	39	27	69.2
NOVEMBER -2002	168.8	291	234	80.4	409667	42	30	71.4
DECEMBER -2002	171.3	283	231	81.6	404306	45	32	71.1
==========	========	========	========	========	========	========	========	========
Average	168.9	287	235		404400	44	32	

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.

# POINT LOMA WASTEWATER TREATMENT PLANT Daily Averages Annual Systemwide BOD Removals

From 01-JAN-2002 To 31-DEC-2002

Mass Emissions are in pounds/day.

	Pt. Loma Influent Mass	PS64 Influent Mass	Penasquitos Influent Mass	Return Stream Mass	Pt. Loma Effluent Mass	Monthly Systemwide Percent	Pt. Loma Daily Percent
	Emission	Emission	Emission	Emission	Emission	Removal	Removal
=========				========			
JANUARY	366518	27217	12611	21962	135483	64.8	63.0
FEBRUARY	365232	28683	12745	16570	152062	61.0	58.4
MARCH	373964	29710	8933	9178	134684	66.5	64.0
APRIL	380241	32856	7876	11757	141518	65.5	62.8
MAY	362134	27554	14266	9681	122547	68.6	66.2
JUNE	376618	27435	13968	16224	118044	70.3	68.7
JULY	392781	28223	13903	35786	126251	68.2	67.9
AUGUST	365052	33580	6443	11291	123067	68.7	66.3
SEPTEMBER	362990	34276	11730	8413	117274	70.6	67.7
OCTOBER	375150	34190	14817	7362	131997	68.3	64.8
NOVEMBER	388551	28594	15183	9127	147818	65.1	62.0
DECEMBER	380019	35803	17326	9979	134292	68.3	64.7
audenage	374104	30677	12483	13944	132086	67.2	64.7

Annual Systemwide TSS Removals
Daily Averages
From 01-JAN-2002 To 31-DEC-2002

Mass Emissions are in pounds/day.

	Pt. Loma	PS64	Penasquitos	Return	Pt. Loma	Monthly	Pt. Loma
	Influent	Influent	Influent	Stream	Effluent	Systemwide	Daily
	Mass	Mass	Mass	Mass	Mass	Percent	Percent
	Emission	Emission	Emission	Emission	Emission	Removal	Removal
=========	========	========	========	========	========	========	========
JANUARY	400745	25166	15407	30675	58472	85.8	85.4
FEBRUARY	369495	28817	16842	15321	66793	83.3	81.9
MARCH	386859	28664	12035	15929	58745	85.5	84.8
APRIL	404542	32227	9290	16730	60038	86.0	85.2
MAY	399311	27939	17881	16427	59208	86.4	85.2
JUNE	422992	27176	18909	31052	66049	84.8	84.4
JULY	446087	27196	18426	68560	72945	82.6	83.6
AUGUST	405152	34517	9345	23292	63608	84.9	84.3
SEPTEMBER	404874	43204	15515	17499	54449	87.7	86.6
OCTOBER	398770	32249	18221	14608	54188	87.4	86.4
NOVEMBER	409667	26322	18165	22493	59127	86.0	85.6
DECEMBER	404306	38307	18349	20292	64289	85.5	84.1
=========	========		========				========
Average	404400	30982	15699	24407	61493	85.5	84.8

During the month of January 2002, the Return Stream was sampled from a single sample point. The mass emission from the Return Stream was calculated using the flow from that sample point and the BOD/TSS data obtained from that sample point. From February to December 2002, the Return Stream sample point was discontinued. The mass emission from the Return Stream was then calculated using the data from the 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.

### POINT LOMA WASTEWATER TREATMENT PLANT

### From 01-JAN-2002 To 31-DEC-2002

# Influent to Plant

		Нд	Settleable Solids (ml/L)	Biochemical Oxygen Demand (mg/L)	Oil & Grease (mg/L)	Temperature ( C )
=======			========			=========
JANUARY	-2002	7.39	8.38	257	27.7	21.2
FEBRUARY	-2002	7.34	8.59	257	27.2	20.8
MARCH	-2002	7.34	9.15	261	28.2	21.7
APRIL	-2002	7.33	10.00	266	32.6	22.7
MAY	-2002	7.33	9.44	263	32.8	23.5
JUNE	-2002	7.32	9.81	268	35.8	24.9
JULY	-2002	7.37	12.60	280	37.0	26.3
AUGUST	-2002	7.42	11.20	264	37.6	26.6
SEPTEMBER	R-2002	7.40	10.60	260	32.3	26.7
OCTOBER	-2002	7.37	9.94	270	29.3	25.7
NOVEMBER	-2002	7.29	9.99	276	33.7	24.5
DECEMBER	-2002	7.23	8.84	266	33.3	22.4
=======						
Average		7.34	9.9	266	32.3	23.9

### Effluent to Ocean Outfall (PLE)

	рН	Settleable Solids (ml/L)	Biochemical Oxygen Demand (mg/L)	Oil & Grease (mg/L)	Temperature ( C )	Floating Particulates (mg/L)	Turbidity (NTU)
JANUARY -2002	7.29	0.1	95	9.8	21.5	<0.10	42
FEBRUARY -2002	7.25	0.1	107	11.9	21.1	0.13	48
MARCH -2002	7.23	0.1	94	10.2	21.9	<0.10	45
APRIL -2002	7.30	0.1	99	11.0	22.7	<0.10	43
MAY -2002	7.28	0.2	89	8.9	23.8	<0.10	43
JUNE -2002	7.26	0.2	84	9.5	25.1	0.11	45
JULY -2002	7.27	0.3	90	9.2	26.4	0.13	48
AUGUST -2002	7.31	0.3	89	8.6	26.8	0.10	46
SEPTEMBER-2002	7.29	0.3	84	7.6	26.9	0.15	44
OCTOBER -2002	7.26	0.2	95	7.9	25.9	0.15	46
NOVEMBER -2002	7.18	0.1	105	8.7	24.6	0.14	44
DECEMBER -2002	7.08	0.2	94	9.5	22.5	0.10	43
=========	========	=======	========	========	========	=======================================	=======
Average	7.26	0.2	94	9.4	24.1	0.08	45

### POINT LOMA WASTEWATER TREATMENT PLANT ANNUAL SEWAGE Trace Metals

(Limits shown are the 6-Month Median Maximum)

From: 01-JAN-2002 to: 31-DEC-2002

Sampled by: NDL, A4A

Analyzed by: BOA, G8C, JRF, IEN, LXP, JRV, GS

Analyte:	Antimony	Antimony	Arsenic	Arsenic*	BerylliumBe	eryllium	Cadmium	Cadmium
MDL Units:	23	23	. 4	. 4	.39	.39	1	1
Source:	PLR	PLE	PLR	PLE	PLR	PLE	PLR	PLE
=========	=======		========		========		=======	
JANUARY -2002	31	<23	1.14	0.86	ND	ND	1.3	ND
FEBRUARY -2002	<23	<23	1.39	0.90	ND	ND	<1.0	<1.0
MARCH -2002	<23	<23	0.90	0.76	ND	ND	<1.0	ND
APRIL -2002	<23	<23	1.33	1.09	ND	ND	1.9	<1.0
MAY -2002	<23	42	1.79	1.35	ND	ND	ND	ND
JUNE -2002	45	50	1.89	1.42	ND	ND	<1.0	<1.0
JULY -2002	ND	<23	2.44	1.86	ND	ND	1.8	1.0
AUGUST -2002	<23	<23	2.23	1.61	ND	ND	<1.0	2.7
SEPTEMBER-2002	61	76	1.75	1.51	ND	ND	ND	ND
OCTOBER -2002	<23	32	1.78	1.60	ND	<0.39	<1.0	ND
NOVEMBER -2002	<23	<23	1.62	1.29	ND	ND	<1.0	1.1
DECEMBER -2002	<23	<23	1.77	1.26	ND	ND	1.2	<1.0
=========	=======		========				========	
AVERAGE	11	17	1.67	1.29	ND	0.00	0.5	0.4
Analyte:	Chromium	Chromium	Copper	Copper	Iron	Iron	Lead	Lead
MDL Units:	5	5	4	4	30	30	18	18
Source:	PLR		PLR	PLE	PLR	PLE	PLR	PLE
==========	=======		========		========		========	
JANUARY -2002	6.6	<5.0	193	61	6040	3690	ND	ND
FEBRUARY -2002	<5.0	ND	157	92	5470	4760	ND	ND
MARCH -2002	<5.0	ND	195	103	5800	4350	<18.0	ND
APRIL -2002	6.2	ND	148	60	5970	4350	ND	<18.0
MAY -2002	<5.0	ND	141	78	7670	4440	ND	ND
JUNE -2002	9.3	ND	142	86	7460	4320	ND	<18.0
JULY -2002	<5.0	<5.0	192	73	7030	5050	<18.0	<18.0
AUGUST -2002	5.5	ND	165	68	7540	4360	<18.0	ND
SEPTEMBER-2002	ND	ND	121	103	7830	5300	<18.0	ND
OCTOBER -2002	ND	ND	164	67	7480	5390	ND	<18.0
NOVEMBER -2002	5.2	ND	185	83	7910	5570	ND	ND
DECEMBER -2002	6.3	ND	141	53	8130	5540	ND	ND
==========		=======	========		========		========	
AVERAGE	3.3	0.0	162	77	7028	4760	0.0	0.0

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

<sup>\*</sup> Arsenic and selenium data reported in the Monthly Monitoring reports for June, July, and August included values as determined by a contract laboratory. Later research and analyses determined that the values were inaccurate. This report includes data from validated followup analyses by our in-house laboratory and excludes the previously reported data. See detailed discussion in the Section I. B. <u>Notes on Specific Analyses</u>.

### POINT LOMA WASTEWATER TREATMENT PLANT

### ANNUAL SEWAGE Trace Metals

### (Limits shown are the 6-Month Median Maximum)

From: 01-JAN-2002 to: 31-DEC-2002

Sampled by: NDL,A4A

Analyzed by: BOA, G8C, JRF, IEN, LXP, JRV, GS

Analyte: MDL Units: Source:	Mercury .5 PLR	Mercury .5 PLE	Nickel 14 PLR	Nickel 14 PLE	Selenium .4 PLR	Selenium* .4 PLE	Silver 6.6 PLR	Silver 6.6 PLE
TANKIADY 2002		ND.			1 (	1 25	ND	ND.
JANUARY -2002	<0.27	ND	<14	ND	1.65	1.25	ND	ND
FEBRUARY -2002	ND	ND	ND	ND	1.69	1.31	<6.6	ND
MARCH -2002	ND	ND	<14	ND	1.63	1.22	ND	ND
APRIL -2002	<0.27	ND	ND	<14	1.69	1.30	<6.6	ND
MAY -2002	<0.27	ND	ND	<14	1.47	1.22	ND	ND
JUNE -2002	<0.27	<0.27	ND	ND	1.43	1.00	<6.6	9.5
JULY -2002	ND	ND	<14	<14	1.92	1.26	<6.6	ND
AUGUST -2002	ND	ND	<14	ND	1.58	1.13	<6.6	ND
SEPTEMBER-2002	ND	ND	ND	ND	1.54	1.02	ND	ND
OCTOBER -2002	ND	ND	ND	ND	1.63	1.02	7.7	<6.6
NOVEMBER -2002	0.28	<0.09	ND	<14	1.60	0.98	<6.6	ND
DECEMBER -2002	0.13	ND	<14	ND	1.57	1.23	ND	ND
=========	=======	======	========	======	=======	======	========	======
AVERAGE	0.03	0.00	0	0	1.62	1.16	0.6	0.8

Analyte: MDL Units: Source:		Thallium 40 PLR	Thallium 40 PLE	Zinc 4 PLR	Zinc 4 PLE
FEBRUARY - MARCH - APRIL - MAY - JUNE - JULY - AUGUST - SEPTEMBER-	2002 2002 2002 2002 2002 2002 2002 200	<40.0 ND ND ND <40.0 ND	<40.0 ND ND ND ND ND <40.0 ND	147 135 138 142 138 135 163 134 133	30 35 27 28 25 25 25 23 38
	2002	ND ND ND ======	ND ND ND	143 118 ==================================	24 21 ======= 28

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

<sup>\*</sup> Arsenic and selenium data reported in the Monthly Monitoring reports for June, July, and August included values as determined by a contract laboratory. Later research and analyses determined that the values were inaccurate. This report includes data from validated followup analyses by our in-house laboratory and excludes the previously reported data. See detailed discussion in the Section I. B. Notes on Specific Analyses.

### POINT LOMA WASTEWATER TREATMENT PLANT ANNUAL SEWAGE

# Ammonia-Nitrogen and Total Cyanides (Limits shown are the 6-Month Median Maximum)

From: 01-JAN-2002 to: 31-DEC-2002

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

Limit:	Ammonia-N .2 MG/L PLR	Ammonia-N .2 MG/L PLE 492	Cyanides,Tot .002 MG/L PLR	Cyanides,Total .002 MG/L PLE 0.82
=========	========	========	========	========
JANUARY -2002	30.2	29.4	0.0043	0.0050
FEBRUARY -2002	28.3	27.1	0.0063	0.0068
MARCH -2002	29.4	29.0	0.0035	0.0043
APRIL -2002	29.6	29.1	0.0028	0.0032
MAY -2002	29.8	30.0	0.0053	0.0054
JUNE -2002	27.5	26.4	0.0030	0.0023
JULY -2002	27.9	26.8	0.0033	0.0033
AUGUST -2002	28.8	28.4	0.0021	0.0027
SEPTEMBER-2002	26.7	26.9	0.0040	0.0035
OCTOBER -2002	28.2	27.3	0.0027	0.0026
NOVEMBER -2002	27.7	27.8	0.0028	0.0026
DECEMBER -2002	26.8	26.3	0.0027	<0.0020
=========			========	========
Average:	28.4	27.9	0.0036	0.0035

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

### POINT LOMA WASTEWATER TREATMENT PLANT ANNUAL SEWAGE Radioactivity

From: 01-JAN-2002 to: 31-DEC-2002

Sampled by: NDL,A4A Analyzed by: Truesdail Labs Inc.

Source	Month	Gross Alpha Radiation	Gross Beta Radiation
======		1 6.1 5	25.2.4.4
PLE	JANUARY -2002 FEBRUARY -2002	1.6±1.5	35.3±4.4
PLE		1.5±1.3	37.1±4.7
PLE	MARCH -2002	1.6±1.1	33.4±4.5
PLE	APRIL -2002	1.9±1.1	32.5±4.6
PLE	MAY -2002	1.9±1.2	13.3±5.1
PLE	JUNE -2002	1.2±1.1	35.7±5.2
PLE	JULY -2002	0.7±1.1	21.5±3.8
PLE	AUGUST -2002	1.8±1.0	12.2±4.5
PLE	SEPTEMBER-2002	0.1±0.8	27.9±4.7
PLE	OCTOBER -2002	1.5±1.2	14.9±4.8
PLE	NOVEMBER -2002	1.3±1.1	25.5±5.1
PLE	DECEMBER -2002	0.8±1.0	14.9±4.2
======	==========		
AVERAGE		1.3±1.1	25.4±4.6
Source	Month	Gross Alpha Radiation	Gross Beta Radiation
Source		Gross Alpha Radiation	Gross Beta Radiation
		-	
======	=======================================		=======================================
===== PLR	JANUARY -2002		======================================
===== PLR PLR	JANUARY -2002 FEBRUARY -2002		35.0±4.6 37.9±4.7
===== PLR PLR PLR	JANUARY -2002 FEBRUARY -2002 MARCH -2002	-0.6±1.5 2.0±1.3 2.0±1.0	35.0±4.6 37.9±4.7 37.6±4.7
PLR PLR PLR PLR PLR	JANUARY -2002 FEBRUARY -2002 MARCH -2002 APRIL -2002	-0.6±1.5 2.0±1.3 2.0±1.0 1.8±1.2	35.0±4.6 37.9±4.7 37.6±4.7 35.7±4.6
PLR PLR PLR PLR PLR PLR	JANUARY -2002 FEBRUARY -2002 MARCH -2002 APRIL -2002 MAY -2002	-0.6±1.5 2.0±1.3 2.0±1.0 1.8±1.2 2.8±1.3	35.0±4.6 37.9±4.7 37.6±4.7 35.7±4.6 17.2±3.8
PLR PLR PLR PLR PLR PLR PLR PLR	JANUARY -2002 FEBRUARY -2002 MARCH -2002 APRIL -2002 MAY -2002 JUNE -2002	-0.6±1.5 2.0±1.3 2.0±1.0 1.8±1.2 2.8±1.3 2.9±1.2	35.0±4.6 37.9±4.7 37.6±4.7 35.7±4.6 17.2±3.8 36.3±5.9
PLR PLR PLR PLR PLR PLR PLR PLR PLR	JANUARY -2002 FEBRUARY -2002 MARCH -2002 APRIL -2002 MAY -2002 JUNE -2002 JULY -2002	-0.6±1.5 2.0±1.3 2.0±1.0 1.8±1.2 2.8±1.3 2.9±1.2 1.5±1.6	35.0±4.6 37.9±4.7 37.6±4.7 35.7±4.6 17.2±3.8 36.3±5.9 24.9±4.0
PLR	JANUARY -2002 FEBRUARY -2002 MARCH -2002 APRIL -2002 MAY -2002 JUNE -2002 JULY -2002 AUGUST -2002	-0.6±1.5 2.0±1.3 2.0±1.0 1.8±1.2 2.8±1.3 2.9±1.2 1.5±1.6 3.8±1.6	35.0±4.6 37.9±4.7 37.6±4.7 35.7±4.6 17.2±3.8 36.3±5.9 24.9±4.0 15.2±4.8
PLR	JANUARY -2002 FEBRUARY -2002 MARCH -2002 APRIL -2002 MAY -2002 JUNE -2002 JULY -2002 AUGUST -2002 SEPTEMBER-2002		35.0±4.6 37.9±4.7 37.6±4.7 35.7±4.6 17.2±3.8 36.3±5.9 24.9±4.0 15.2±4.8 28.9±4.8
PLR	JANUARY -2002 FEBRUARY -2002 MARCH -2002 APRIL -2002 JUNE -2002 JULY -2002 AUGUST -2002 SEPTEMBER-2002 OCTOBER -2002		35.0±4.6 37.9±4.7 37.6±4.7 35.7±4.6 17.2±3.8 36.3±5.9 24.9±4.0 15.2±4.8 28.9±4.8 18.6±4.7
PLR	JANUARY -2002 FEBRUARY -2002 MARCH -2002 APRIL -2002 MAY -2002 JUNE -2002 JULY -2002 AUGUST -2002 SEPTEMBER-2002 OCTOBER -2002 DECEMBER -2002	-0.6±1.5 2.0±1.3 2.0±1.3 2.0±1.0 1.8±1.2 2.8±1.3 2.9±1.2 1.5±1.6 3.8±1.6 1.7±1.4 2.2±1.5 1.3±1.6	35.0±4.6 37.9±4.7 37.6±4.7 35.7±4.6 17.2±3.8 36.3±5.9 24.9±4.0 15.2±4.8 28.9±4.8 18.6±4.7 22.7±4.9

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-2002 To 31-DEC-2002

			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	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	_	Average
		=====		=====		=====		=====		=====		=====			=====
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	30	NG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BHC, Gamma isomer	10	NG/L	16	13	14	13	<10	<10	ND	11	10	11	<10	ND	7
BHC, Delta isomer	30	NG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
p,p-DDD	30	NG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	<20	ND	ND	0
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 30	NG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor epoxide		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	ND	ND	ND	ND	ND	ND	ND
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	0.0	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	ND	ND	ND	ND	ND	ND	ND
Cis Nonachlor	20	NG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha Endosulfan Beta Endosulfan	30 20	NG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
		NG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan Sulfate	20 50	NG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin		NG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin aldehyde	23 20	NG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Mirex	20 60	NG/L NG/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
Methoxychlor	4000	- ,	ND ND	ND	ND ND	ND ND									
Toxaphene PCB 1016	4000	NG/L	ND	ND		ND ND	ND ND		ND ND	ND ND	ND	ND	ND	ND ND	
PCB 1016 PCB 1221	4000	NG/L NG/L	ND	ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND	ND	ND	ND ND	ND ND
PCB 1221 PCB 1232	4000		ND	ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND	ND	ND	ND ND	ND
PCB 1232 PCB 1242		NG/L NG/L	ND	ND	ND	ND ND	ND ND	ND ND	ND	ND	ND	ND	ND	ND ND	ND ND
PCB 1242 PCB 1248	2000	NG/L NG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB 1240		NG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB 1254 PCB 1260	2000	NG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB 1262	2000	NG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
=======================================		=====	=====	=====	=====	=====	=====	=====	=====			=====	=====		=====
Aldrin + Dieldrin	60	NG/L	0	0	0	0	0	0	0	0	0	0	0	0	0
Hexachlorocyclohexanes	30	NG/L	16	13	14	13	0	0	0	11	10	11	0	0	7
DDT and derivatives	100	NG/L	0	0	0	0	0	0	0	0	0	0	0	0	0
Chlordane + related cmpds.	100	иб/п	0	0	0	0	0	0	0	0	0	0	0	0	0
Polychlorinated biphenyls	80	NG/L								U	U		U		
Endosulfans		NG/L	-	-	-	-	n	0	0	Λ	Λ	n	Λ	n	0
HIGGSUITAIIS	4000	NG/L	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 30	NG/L NG/L	0	-	-	-	0 0	0 0	0	0 0	0	0 0	0 0	0	0 0
Heptachlors	4000 30 ====	NG/L NG/L =====	0 0	0 0	0	0	0	0	0	0	0	0	0	0	0
Heptachlors	4000 30 ==== 30	NG/L NG/L	0 0 ===== 0	0	0 0	0 0	0 =====	0	0 =====	0	0 =====	0	=====	0	0 ===== 0

<sup>&</sup>quot;Standards for alpha and gamma chlordene are no longer available in the U.S. for the analysis of these compounds."

# POINT LOMA WASTEWATER TREATMENT PLANT SEWAGE ANNUAL - Chlorinated Pesticide Analysis

From 01-JAN-2002 To 31-DEC-2002

			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	Avq	Avg	Avq	Avg	Avq	Avq	Avq	Avq	Avq	Avq	7,,,,,	Average
=======================================	====	=====	====	====	=====	=====	=====	Av9	Av9	=====	=====	=====	=====	AV9	=====
Aldrin	60	NG/L	ND	ND											
Dieldrin	50	NG/L NG/L	ND	ND											
		- ,													
BHC, Alpha isomer	20	NG/L	ND	ND											
BHC, Beta isomer	30	NG/L	ND	<20	ND	ND	0								
BHC, Gamma isomer	10	NG/L	44	37	33	29	<10	35	29	28	23	28	12	23	27
BHC, Delta isomer	30	NG/L	ND	ND											
p,p-DDD	30	NG/L	<30	ND	0										
p,p-DDE	20	NG/L	ND	ND	<20	ND	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											
Heptachlor epoxide	30	NG/L	ND	ND											
Alpha (cis) Chlordane	30	NG/L	ND	<30	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	20	ND	ND	2								
Cis Nonachlor	20	NG/L	ND	<20	ND	ND	0								
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	23	NG/L	ND	ND											
Mirex	20	NG/L	ND	ND											
Methoxychlor	60	NG/L	ND	ND											
Toxaphene	4000	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	4000	NG/L	ND	ND											
PCB 1248	2000	NG/L	ND	ND											
PCB 1254	2000	NG/L	ND	ND											
PCB 1260		NG/L	ND	ND											
PCB 1262		NG/L	ND	ND											
=======================================			=====	=====		=====		=====	=====	=====	=====	=====	=====		
Aldrin + Dieldrin	60	NG/L	0	0	0	0	0	0	0	0	0	0	0	0	0
Hexachlorocyclohexanes	30	NG/L	44	37	33	29	0	35	29	28	23	28	12	23	27
DDT and derivatives	100	NG/L	0	0	0	0	0	0	0	0	0	0	0	0	0
		NG/L NG/L	0	0	0	0	0	0	0	0	0	0	0	0	0
Chlordane + related cmpds.		- ,	-	-	-	-			-	-	-		-	-	
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
		=====		=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
Heptachlors	30	NG/L	0	0	0	0	0	0	0	0	0	0	0	0	0
Chloringt of Hadrogovbons		=====	=====	27				25		=====				22	
Chlorinated Hydrocarbons	4000	NG/L	44	37	33	29	0	35	29	28	23	48	12	23	28

<sup>&</sup>quot;Standards for alpha and gamma chlordene are no longer available in the U.S. for the analysis of these compounds."

### POINT LOMA WASTEWATER TREATMENT PLANT

SEMI-ANNUAL SLUDGE PROJECT- Organophosphorus PesticidesEPA Method 614/622 (with additions)

From 01-JAN-2002 To 31-DEC-2002

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

Analyte	MDL	Units	PLE 25-JUN-2002 P175051	PLE 15-OCT-2002 P188969	PLR 15-OCT-2002 P188974
Demeton O	.09	UG/L	ND	ND	ND
Demeton S		UG/L	ND	ND	ND
Diazinon	.07	UG/L	0.1	0.1	0.2
Guthion	.21	UG/L	ND	ND	ND
Malathion	.04	UG/L	0.1	0.2	ND
Parathion	.03	UG/L	ND	ND	ND
			========	========	========
Thiophosphorus Pesticides	.21	UG/L	0.1	0.2	0.0
Demeton -O, -S		UG/L	0.0	0.0	0.0
				========	========
Total Organophosphorus Pesticides	.21	UG/L	0.3	0.6	0.3
Additional compounds determined					
	===				
Tetraethylpyrophosphate		UG/L	ND	NA	NA
Dichlorvos		UG/L	ND	ND	ND
Dibrom		UG/L	ND	ND	ND
Ethoprop		UG/L	ND	ND	ND
Phorate		UG/L	ND	ND	ND
Sulfotepp Disulfoton		UG/L	ND 0.1	ND 0.1	ND 0.1
Monocrotophos		UG/L UG/L	ND	0.1	ND
Dimethoate		UG/L UG/L	ND ND	ND	ND ND
Ronnel		UG/L UG/L	ND ND	ND ND	ND ND
Trichloronate		UG/L	ND ND	ND ND	ND ND
Merphos		UG/L	ND ND	ND ND	ND ND
Dichlofenthion		UG/L	ND	ND ND	ND
Tokuthion		UG/L	ND	ND ND	ND ND
Stirophos		UG/L	ND	ND	ND
Bolstar		UG/L	ND	ND	ND
Fensulfothion		UG/L	ND	ND	ND
EPN		UG/L	ND	ND	ND
Coumaphos		UG/L	ND	ND	ND
Mevinphos, e isomer		UG/L	ND	ND	ND
Mevinphos, z isomer		UG/L	ND	ND	ND
Chlorpyrifos	.05	UG/L	ND	ND	ND
	===	====	=======================================	=======================================	=======

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

From 01-JAN-2002 To 31-DEC-2002 Sampling: AM Analysis:CW

	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													Average
=======================================	===== =	====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
Dibutyl tin .75 UG/L	ND	ND											
Monobutyl Tin 4 UG/L	ND	ND											
Tributyl tin .75 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 Units													Average
=======================================	===== :	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
Dibutyl tin .75 UG/L	ND	ND											
Monobutyl Tin 4 UG/L	ND	ND											
Tributyl tin .75 UG/L	ND	ND											
=======================================	===== :	====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====

# POINT LOMA WASTEWATER TREATMENT PLANT SEWAGE ANNUAL - Acid Extractables

From 01-JAN-2002 to 31-DEC-2002

Analyte	MDL	Units	PLE JAN Avg	PLE FEB Avg	PLE MAR Avg	PLE APR Avg	Avg PLE	PLE JUN Avg	PLE JUL Avg	PLE AUG Avg	PLE SEP Avg	PLE OCT Avg	PLE NOV Avg		Average
2 -blbl		UG/L	==== ND	ND	==== ND	===== ND	===== ND	===== ND	==== ND	===== ND	===== ND	===== ND	==== ND	==== ND	ND
2-chlorophenol 2,4-dichlorophenol		UG/L UG/L	ND	ND	ND ND	ND	ND ND	ND ND	ND ND	ND	ND	ND	ND ND	ND	ND ND
4-chloro-3-methylphenol		UG/L UG/L	ND 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		UG/L	14.8	16.4	16.6	14.7	12.5	11.0	8.6	8.4	7.9	8.6	7.5	10.3	11.4
2-nitrophenol		UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-dimethylphenol		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		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		UG/L	14.8	16.4	16.6	14.7	12.5	11.0	8.6	8.4	7.9	8.6	7.5	10.3	11.4
Phenols		UG/L	14.8	16.4	16.6	14.7	12.5	11.0	8.6	8.4	7.9	8.6	7.5	10.3	11.4
Additional analytes determined;															
2				==== 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	ND NA	ND ND	ND ND	ND ND
4-methylphenol(3-MP is unresolved)			47.3	55.8	45.1	48.8	38.6	31.4	23.5	22.8	21.7	26.9	25.9	35.5	35.3
2,4,5-trichlorophenol		UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	25.9 ND	ND	ND
z,4,5-crichiorophenor	1.00	0G/ L	ND	ND	עווו	IND	עווו	IND	IND	ND	ND	ND	ND	ND	ND
			PLR	PLR	PLR	PLR	PLR	PLR	PLR	PLR	PLR	PLR	PLR	PLR	
			JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
Analyte	MDL	Units	Avq	Avg	Avq	Avq	Avq	Avq	Avq	Avq	Avq	Avq	Avq		Average
	====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
2-chlorophenol	1.76	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-dichlorophenol	1.95	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	1.75	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	5.87		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenol		UG/L	19.1	17.0	16.6	16.7	14.4	15.5	12.7	12.1	13.1	13.5	12.4	13.6	14.7
2-nitrophenol		UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-dimethylphenol		UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-dinitrophenol	6.07	UG/L	ND	ND	<6.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0
							ND	ND	ND	ND	ND	ND	ND	ND	ND
4-nitrophenol	3.17	/	ND	ND	ND	ND									
2-methyl-4,6-dinitrophenol	4.29	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-methyl-4,6-dinitrophenol Total Chlorinated Phenols	4.29 5.87	UG/L UG/L	ND 0.0	ND 0.0		ND 0.0	ND 0.0	ND 0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2-methyl-4,6-dinitrophenol Total Chlorinated Phenols	4.29 5.87	UG/L UG/L =====	ND 0.0	ND 0.0	ND 0.0	ND 0.0	ND 0.0	ND 0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2-methyl-4,6-dinitrophenol Total Chlorinated Phenols ====================================	4.29 5.87 ==== 6.07	UG/L UG/L ===== UG/L	ND 0.0 ===== 19.1	ND 0.0 ===== 17.0	ND 0.0 ===== 16.6	ND 0.0 ==== 16.7	ND 0.0 ===== 14.4	ND 0.0 ===== 15.5	0.0 ==== 12.7	0.0 ==== 12.1	0.0 ===== 13.1	0.0 ===== 13.5	0.0 ===== 12.4	0.0 ===== 13.6	0.0 ===== 14.7
2-methyl-4,6-dinitrophenol Total Chlorinated Phenols ====================================	4.29 5.87 ==== 6.07 ====	UG/L UG/L ===== UG/L =====	ND 0.0 ==== 19.1	ND 0.0 ===== 17.0	ND 0.0 ==== 16.6 ====	ND 0.0 ===== 16.7	ND 0.0 ===== 14.4 =====	ND 0.0 ===== 15.5 =====	0.0 ===== 12.7 =====	0.0 ===== 12.1 =====	0.0 ===== 13.1 =====	0.0 ===== 13.5 =====	0.0 ===== 12.4 =====	0.0 ===== 13.6 =====	0.0 ===== 14.7 =====
2-methyl-4,6-dinitrophenol Total Chlorinated Phenols ====================================	4.29 5.87 ==== 6.07 ====	UG/L UG/L ===== UG/L	ND 0.0 ===== 19.1	ND 0.0 ===== 17.0	ND 0.0 ==== 16.6 ====	ND 0.0 ==== 16.7	ND 0.0 ===== 14.4	ND 0.0 ===== 15.5 =====	0.0 ==== 12.7	0.0 ===== 12.1 =====	0.0 ===== 13.1	0.0 ===== 13.5 =====	0.0 ===== 12.4	0.0 ===== 13.6 =====	0.0 ===== 14.7
2-methyl-4,6-dinitrophenol Total Chlorinated Phenols ====================================	4.29 5.87 ==== 6.07 ====	UG/L UG/L ===== UG/L =====	ND 0.0 ==== 19.1	ND 0.0 ===== 17.0	ND 0.0 ==== 16.6 ====	ND 0.0 ===== 16.7	ND 0.0 ===== 14.4 =====	ND 0.0 ===== 15.5 =====	0.0 ===== 12.7 =====	0.0 ===== 12.1 =====	0.0 ===== 13.1 =====	0.0 ===== 13.5 =====	0.0 ===== 12.4 =====	0.0 ===== 13.6 =====	0.0 ===== 14.7 =====
2-methyl-4,6-dinitrophenol Total Chlorinated Phenols ====================================	4.29 5.87 ==== 6.07 ==== 6.07	UG/L UG/L ===== UG/L ===== UG/L	ND 0.0 ==== 19.1 ==== 19.1	ND 0.0 ===== 17.0 ===== 17.0	ND 0.0 ===== 16.6 ===== 16.6	ND 0.0 ===== 16.7 ===== 16.7	ND 0.0 ===== 14.4 ===== 14.4	ND 0.0 ===== 15.5 ===== 15.5	0.0 ===== 12.7 ===== 12.7	0.0 ===== 12.1 ===== 12.1	0.0 ===== 13.1 ===== 13.1	0.0 ===== 13.5 ===== 13.5	0.0 ===== 12.4 ===== 12.4	0.0 ===== 13.6 ===== 13.6	0.0 ===== 14.7 ===== 14.7
2-methyl-4,6-dinitrophenol Total Chlorinated Phenols Total Non-Chlorinated Phenols	4.29 5.87 ==== 6.07 ==== 6.07	UG/L UG/L ==== UG/L ==== UG/L	ND 0.0 ===== 19.1 ===== 19.1	ND 0.0 ===== 17.0 ===== 17.0	ND 0.0 ==== 16.6 ==== 16.6	ND 0.0 ===== 16.7 ===== 16.7	ND 0.0 ===== 14.4 ===== 14.4	ND 0.0 ===== 15.5 =====	0.0 ===== 12.7 ===== 12.7	0.0 ===== 12.1 ===== 12.1	0.0 ===== 13.1 ==== 13.1 ===== ND	0.0 ===== 13.5 ===== 13.5	0.0 ===== 12.4 ===== 12.4	0.0 ===== 13.6 ===== 13.6	0.0 ===== 14.7 ===== 14.7 ===== ND
2-methyl-4,6-dinitrophenol Total Chlorinated Phenols ====================================	4.29 5.87 ==== 6.07 ==== 6.07	UG/L UG/L ===== UG/L ===== UG/L	ND 0.0 ===== 19.1 ===== 19.1 ===== ND ND	ND 0.0 ===== 17.0 ===== 17.0	ND 0.0 ===== 16.6 ===== 16.6	ND 0.0 ==== 16.7 ==== 16.7	ND 0.0 ===== 14.4 ===== 14.4 ===== ND ND	ND 0.0 ===== 15.5 ===== 15.5	0.0 ===== 12.7 ===== 12.7 ===== ND ND	0.0 ===== 12.1 ===== 12.1 ===== ND ND	0.0 ===== 13.1 ===== 13.1 ===== ND ND	0.0 ===== 13.5 ===== 13.5 ===== ND NA	0.0 ===== 12.4 ===== 12.4 ===== ND ND	0.0 ===== 13.6 ===== 13.6 ===== ND ND	0.0 ===== 14.7 ===== 14.7 ===== ND ND
2-methyl-4,6-dinitrophenol Total Chlorinated Phenols ====================================	4.29 5.87 ==== 6.07 ==== 6.07 ==== 1.51 4.4 4.22	UG/L UG/L ===== UG/L ===== UG/L UG/L	ND 0.0 ===== 19.1 ===== 19.1	ND 0.0 ===== 17.0 ===== 17.0	ND 0.0 ==== 16.6 ==== 16.6	ND 0.0 ==== 16.7 ==== 16.7	ND 0.0 ===== 14.4 ===== 14.4	ND 0.0 ===== 15.5 ===== 15.5	0.0 ===== 12.7 ===== 12.7 ===== ND	0.0 ===== 12.1 ==== 12.1 ===== ND	0.0 ===== 13.1 ==== 13.1 ===== ND	0.0 ===== 13.5 ===== 13.5	0.0 ===== 12.4 ===== 12.4 ===== ND	0.0 ===== 13.6 ===== 13.6	0.0 ===== 14.7 ===== 14.7 ===== ND

# POINT LOMA WASTEWATER TREATMENT PLANT SEWAGE ANNUAL Priority Pollutants Base/Neutrals From 01-JAN-2002 to 31-DEC-2002

Analyte	MDL	Units	PLE JAN Avq	PLE FEB Avq	PLE MAR Avq	PLE APR Avq	PLE MAY Avq	PLE JUN Avq	PLE JUL Avq	PLE AUG Avq	PLE SEP Avq	PLE OCT Avq	PLE NOV Avq	PLE	PLE Average
=======================================	=====		=====			=====	_	====	====	====	====	_	_	====	=====
bis(2-chloroethyl) ether	2.62	UG/L	ND	ND	ND										
1,3-dichlorobenzene	1.65	UG/L	ND	ND	ND										
1,2-dichlorobenzene 1,4-dichlorobenzene	1.63	UG/L UG/L	ND <2.3	ND <2.3	ND <2.3	ND <2.3	ND 2.9	ND ND	ND <2.3	ND <2.3	ND 0.2				
Bis-(2-chloroisopropyl) ether	8.95	UG/L	ND	ND	ND										
N-nitrosodi-n-propylamine	1.63	UG/L	ND	ND	ND										
Nitrobenzene	1.52	UG/L	ND	ND	ND										
Hexachloroethane	3.55	UG/L	ND	ND	ND										
Isophorone bis(2-chloroethoxy)methane	1.93	UG/L UG/L	ND ND	ND ND	ND ND										
1,2,4-trichlorobenzene	1.44	UG/L	ND	ND	ND										
Naphthalene	1.52	UG/L	ND	ND	ND										
Hexachlorobutadiene	2.87	UG/L	ND	ND	ND										
Hexachlorocyclopentadiene		UG/L	ND	ND	ND										
Acenaphthylene	2.02	UG/L UG/L	ND ND	ND ND	ND ND										
Dimethyl phthalate 2,6-dinitrotoluene	1.93	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
Acenaphthene	2.2	UG/L	ND	ND	ND										
2,4-dinitrotoluene	1.49	UG/L	ND	ND	ND										
Fluorene	2.43	UG/L	ND	ND	ND										
4-chlorophenyl phenyl ether	3.62	UG/L	ND	ND	ND										
Diethyl phthalate	6.97 2.96	UG/L UG/L	ND ND	ND ND	8.7 ND	ND ND	11.1 ND	<7.0 ND	ND ND	ND ND	ND ND	7.3 ND	ND ND	ND ND	2.3 ND
N-nitrosodiphenylamine 4-bromophenyl phenyl ether	4.04	UG/L	ND	ND	ND										
Hexachlorobenzene	4.8	UG/L	ND	ND	ND										
Phenanthrene	4.15	UG/L	ND	ND	ND										
Anthracene	4.04	UG/L	ND	ND	ND										
Di-n-butyl phthalate	6.49	UG/L UG/L	ND ND	ND ND	ND ND										
N-nitrosodimethylamine Fluoranthene	6.9	UG/L	ND	ND	ND ND	ND ND	ND	ND	ND	ND	ND	ND ND	ND ND	ND	ND
Pyrene	5.19	UG/L	ND	ND	ND										
Benzidine	1.02	UG/L	ND	ND	ND										
Butyl benzyl phthalate	4.77	UG/L	ND	ND	ND										
Chrysene	7.49	UG/L	ND	ND	ND										
Benzo[A]anthracene Bis-(2-ethylhexyl) phthalate	7.68 10.43	UG/L UG/L	ND ND	ND <10.4	ND ND	ND 49.8	ND ND	ND ND	ND 4.2						
Di-n-octyl phthalate	8.59	UG/L	ND	26.3	ND	ND	2.2								
3,3-dichlorobenzidine	2.43	UG/L	ND	ND	ND										
Benzo[K]fluoranthene	7.36	UG/L	ND	ND	ND										
3,4-benzo(B)fluoranthene	6.63	UG/L	ND	ND	ND										
Benzo[A]pyrene	6.53	UG/L UG/L	ND ND	ND ND	ND ND										
Indeno(1,2,3-CD)pyrene Dibenzo(A,H)anthracene	6.19	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
Benzo[G,H,I]perylene	6.5	UG/L	ND	ND	ND										
1,2-diphenylhydrazine	2.49	UG/L	ND	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 =====	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		0.0	0.0	8.7	0.0	14.0	0.0	0.0	0.0	0.0	83.4	0.0	0.0	8.8
Additional analytes determined	;														
		=====	=====	=====		=====	=====	=====	=====	=====	=====		=====	=====	=====
1-methylnaphthalene	2.18	UG/L	ND	ND	ND										
2-methylnaphthalene	2.25	UG/L UG/L	ND ND	ND	ND ND	ND ND	ND ND								
2,6-dimethylnaphthalene 2,3,5-trimethylnaphthalene	3.31 4.4	UG/L UG/L	ND ND	ND ND	ND ND										
1-methylphenanthrene	6.29	UG/L	ND	ND	ND										
Benzo[e]pyrene	7.67	UG/L	ND	ND	ND										
Perylene	6.61	UG/L	ND	ND	ND										
Biphenyl	2.43	UG/L	ND	ND	ND										

# POINT LOMA WASTEWATER TREATMENT PLANT SEWAGE ANNUAL Priority Pollutants Base/Neutrals From 01-JAN-2002 To 31-DEC-2002

			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	Average											
bis(2-chloroethyl) ether	2.62	UG/L	ND	ND	ND	ND	ND	*	ND						
1,3-dichlorobenzene	1.65	UG/L	ND	ND	ND	ND	ND	*	ND						
1,2-dichlorobenzene	1.63	UG/L	ND	ND	ND	ND	ND	*	ND						
1,4-dichlorobenzene Bis-(2-chloroisopropyl) ether	2.3 8.95	UG/L UG/L	<2.3 ND	<2.3 ND	<2.3 ND	2.6 ND	3.1 ND	*	3.0 ND	<2.3 ND	2.3 ND	<2.3 ND	3.0 ND	2.5 ND	1.5 ND
N-nitrosodi-n-propylamine	1.63	UG/L	ND	ND	ND	ND	ND	*	ND						
Nitrobenzene	1.52	UG/L	ND	ND	ND	ND	ND	*	ND						
Hexachloroethane	3.55	UG/L	ND	ND	ND	ND	ND	*	ND						
Isophorone	1.93	UG/L	ND	ND	ND	ND	ND	*	ND						
bis(2-chloroethoxy)methane 1,2,4-trichlorobenzene	1.57 1.44	UG/L UG/L	ND ND	ND ND	ND ND	ND ND	ND ND	*	ND ND						
Naphthalene	1.52	UG/L	ND	ND	ND	ND	ND	*	ND						
Hexachlorobutadiene	2.87	UG/L	ND	ND	ND	ND	ND	*	ND						
Hexachlorocyclopentadiene		UG/L	ND	ND	ND	ND	ND	*	ND						
Acenaphthylene	2.02	UG/L	ND	ND	ND	ND	ND	*	ND						
Dimethyl phthalate	3.26	UG/L UG/L	ND	ND	ND	ND	ND	*	ND	ND ND	ND	ND	ND	ND	ND
2,6-dinitrotoluene Acenaphthene	1.93	UG/L UG/L	ND ND	ND ND	ND ND	ND ND	ND ND	*	ND ND						
2,4-dinitrotoluene	1.49	UG/L	ND	ND	ND	ND	ND	*	ND						
Fluorene	2.43	UG/L	ND	ND	ND	ND	ND	*	ND						
4-chlorophenyl phenyl ether	3.62	UG/L	ND	ND	ND	ND	ND	*	ND						
Diethyl phthalate	6.97	UG/L	ND	ND	8.2	ND	9.6	*	ND	ND	ND	7.5	ND	ND	2.3
N-nitrosodiphenylamine	2.96	UG/L	ND	ND	ND	ND	ND	*	ND						
4-bromophenyl phenyl ether Hexachlorobenzene	4.04	UG/L UG/L	ND ND	ND ND	ND ND	ND ND	ND ND	*	ND ND						
Phenanthrene	4.15	UG/L	ND	ND	ND	ND	ND	*	ND						
Anthracene	4.04	UG/L	ND	ND	ND	ND	ND	*	ND						
Di-n-butyl phthalate	6.49	UG/L	ND	ND	ND	ND	ND	*	ND						
N-nitrosodimethylamine	2.01	UG/L	ND	ND	ND	ND	ND	*	ND						
Fluoranthene	6.9	UG/L	ND	ND	ND	ND	ND	*	ND						
Pyrene	5.19 1.02	UG/L	ND ND	ND ND	ND ND	ND ND	ND	ND	ND ND						
Benzidine Butyl benzyl phthalate	4.77	UG/L UG/L	ND ND	ND ND	ND ND	ND ND	ND ND	MD *	ND	ND ND	ND ND	ND ND	ND ND	ND	ND ND
Chrysene	7.49	UG/L	ND	ND	ND	ND	ND	*	ND						
Benzo[A]anthracene	7.68	UG/L	ND	ND	ND	ND	ND	*	ND						
Bis-(2-ethylhexyl) phthalate	10.43	UG/L	ND	16.7	10.6	14.2	18.7	*	13.6	14.8	11.4	55.0	17.9	14.0	17.0
Di-n-octyl phthalate	8.59	UG/L	ND	ND	ND	ND	ND	*	ND	ND	ND	23.9	ND	ND	2.2
3,3-dichlorobenzidine	2.43	UG/L	ND	ND	ND	ND	ND	ND *	ND						
Benzo[K]fluoranthene 3,4-benzo(B)fluoranthene	7.36 6.63	UG/L UG/L	ND ND	ND ND	ND ND	ND ND	ND ND	*	ND ND						
Benzo[A]pyrene	6.53	UG/L	ND	ND	ND	ND	ND	*	ND						
Indeno(1,2,3-CD)pyrene	6.27	UG/L	ND	ND	ND	ND	ND	*	ND						
Dibenzo(A,H)anthracene	6.19	UG/L	ND	ND	ND	ND	ND	*	ND						
Benzo[G,H,I]perylene	6.5	UG/L	ND	ND	ND	ND	ND	*	ND						
1,2-diphenylhydrazine	2.49	UG/L	ND	ND	ND	ND	ND	*	ND	ND	ND	ND	ND	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
Polynuc. Aromatic Hydrocarbons		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
=======================================			=====			=====									=====
Base/Neutral Compounds	10.43	UG/L	0.0	16.7	18.8	16.8	31.4	0.0	16.6	14.8	13.7	86.4	20.9	16.5	21.1
Additional analytes determined	i														
	=====		=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
1-methylnaphthalene	2.18	UG/L	ND	ND	ND	ND	ND	*	ND						
2-methylnaphthalene	2.25	UG/L	ND	ND	ND	ND	ND	*	ND						
2,6-dimethylnaphthalene	3.31 4.4	UG/L UG/L	ND ND	ND ND	ND ND	ND ND	ND ND	*	ND ND						
2,3,5-trimethylnaphthalene 1-methylphenanthrene	6.29	UG/L UG/L	ND ND	ND ND	ND ND	ND ND	ND ND	*	ND ND						
Benzo[e]pyrene	7.67	UG/L	ND	ND	ND	ND	ND	*	ND						
Perylene	6.61	UG/L	ND	ND	ND	ND	ND	*	ND						
Biphenyl	2.43	UG/L	ND	ND	ND	ND	ND	*	ND						

monitoring.

# POINT LOMA WASTEWATER TREATMENT PLANT SEWAGE ANNUAL Priority Pollutants Purgeables

From 01-JAN-2002 to 31-DEC-2002

Analyte	MDL	Units	PLE JAN Avq	PLE FEB Avq	PLE MAR Avq	PLE APR Avq	PLE MAY Avq	PLE JUN Avq	PLE JUL Avg	PLE AUG Avq	PLE SEP Avq	PLE OCT Avq	PLE NOV Avq	PLE DEC Avq	PLE Average
=======================================	====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
Chloromethane	1	UG/L	ND	ND	ND	ND	ND	*	ND	ND	ND	ND	ND	ND	ND
Bromomethane	1	UG/L	ND	<1.0	ND	ND	ND	*	ND	ND	ND	ND	ND	ND	0.0
Vinyl chloride	1	UG/L	ND	ND	ND	ND	ND	*	ND	ND	ND	ND	ND	ND	ND
Chloroethane	3	UG/L	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
Trichlorofluoromethane	2	UG/L	ND	ND	ND	ND	ND	*	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	1	UG/L UG/L	2.6 ND	1.5 ND	1.9 ND	2.5 ND	2.8 ND	*	3.2	3.7 ND	3.2 ND	4.9 ND	3.6 ND	2.4 ND	2.9 ND
1,1-dichloroethane trans-1,2-dichloroethene	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
Chloroform	1	UG/L	5.9	4.3	5.7	6.7	5.6	*	6.1	4.1	5.4	ND	9.8	6.1	5.4
1,2-dichloroethane	1	UG/L	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
Carbon tetrachloride	1	UG/L	ND	ND	ND	ND	ND	*	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	1	UG/L	1.8	<1.0	1.2	1.4	ND	*	1.1	ND	ND	ND	2.1	1.3	0.8
1,2-dichloropropane	1	UG/L	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
Trichloroethene	1	UG/L	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
Dibromochloromethane	1	UG/L	1.6	1.0	1.0	1.1	ND	*	ND	ND	ND	ND	1.8	<1.0	0.6
1,1,2-trichloroethane	1	UG/L	ND	ND	ND	ND	ND	*	ND	ND	ND	ND	ND	<1.0	0.0
cis-1,3-dichloropropene	1	UG/L	ND	ND	ND	ND	ND	*	ND	ND	ND	ND	ND	ND	ND
2-chloroethylvinyl ether	5	UG/L	ND	*	ND	ND	ND	*	ND	ND	ND	ND	ND	ND	ND
Bromoform	6.1	UG/L	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
Tetrachloroethene	1	UG/L UG/L	ND 2.0	ND 1.9	ND 4.2	ND 3.1	ND 1.9	*	ND 1.4	ND 1.8	ND 8.1	ND 2.2	1.6 4.6	1.3	0.3 3.0
Toluene Chlorobenzene	1	UG/L UG/L	ND	ND	ND	ND	ND	*	ND	ND	ND	ND	4.6 ND	Z.U ND	ND
Ethylbenzene	1	UG/L	ND	ND	ND	ND ND	ND ND	*	ND ND	ND	<1.0	ND	ND	ND ND	0.0
Acrylonitrile		UG/L	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
			=====	=====	=====	=====	=====	=====	=====	=====	=====		=====	=====	=====
Halomethane Purgeable Cmpnds	6.1	UG/L	3.4	1.0	2.2	2.5	0.0	*	1.1	0.0	0.0	0.0	3.9	1.3	1.4
		=====	=====		=====			=====	=====						=====
Purgeable Compounds	13.8	UG/L	13.9	8.7	14.0	14.8	10.3	*	11.8	22.3	37.5	7.1	23.5	20.5	16.8
Additional analytes determin	ed;														
	====	=====	=====			=====	=====	=====			=====				=====
Allyl chloride	1.4	UG/L	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
meta,para xylenes	3.1	UG/L	ND	ND	ND	ND	*	*	ND	ND	3.5	ND	ND	ND	0.4
Styrene	4.7	UG/L	ND	ND	ND	ND	*	*	ND	ND	ND	ND	ND	ND	ND
1,2,4-trichlorobenzene	1.44	UG/L	ND	ND	ND	ND	*	*	ND	ND	ND	ND	ND	ND	ND
Methyl Iodide	1.3	UG/L	ND	ND	ND	ND	*	*	ND	ND	ND	ND	ND	ND	ND
Chloroprene	1.4	UG/L	ND	ND	ND	ND	*	*	ND	ND	ND	ND	ND	ND	ND
Methyl methacrylate	4.6	UG/L	ND	ND	ND	ND	*	*	ND	ND	ND	ND	ND	ND	ND
2-nitropropane	10	UG/L	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
Isopropylbenzene	4.4	UG/L	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
ortho-xylene	3.4	UG/L	ND	ND	ND	ND	*	*	ND	ND	ND	ND	ND	ND	ND
Acetone	20	UG/L	903	403	807	746	*	*	905	1010	788	859	1970	1570	996
Carbon disulfide	1	UG/L	1.5	1.1	ND	1.4	*	*	1.5	1.9	2.1	1.4	8.2	<1.0	1.9
2-butanone	4 1	UG/L UG/L	ND	ND 2.0	ND	ND 2.4	*	*	ND ND	12.7	20.8	ND 3.4	ND 5.1	7.4	4.1 2.1
Methyl tert-butyl ether	Т	0G/L	2.1	∠.∪	1.8	2.4	^	^	ND	1.2	1.4	3.4	5.1	1.8	2.1

nd=not detected; NS=not sampled; NA=not analyzed
\* Data quality objectives were insufficient for compliance monitoring.

### POINT LOMA WASTEWATER TREATMENT PLANT SEWAGE ANNUAL Priority Pollutants Purgeables

From 01-JAN-2002 to 31-DEC-2002

			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	Average											
=======================================	====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====		=====	=====
Chloromethane	1	UG/L	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
Vinyl chloride	1	UG/L	ND	ND	ND	ND	ND	*	ND	ND	ND	ND	ND	ND	ND
Chloroethane	3	UG/L	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
Trichlorofluoromethane	2	UG/L	ND	ND	ND	ND	ND	*	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	1	UG/L	1.7	1.9	2.0	6.1	2.0	*	2.3	2.0	2.1	3.6	2.7	1.6	2.5
1,1-dichloroethane	1	UG/L	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
Chloroform	1	UG/L	5.8	4.9	5.6	8.4	4.6	*	7.7	3.7	5.8	ND	6.9	8.8	5.7
1,2-dichloroethane	1	UG/L	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
Carbon tetrachloride	1	UG/L	ND	ND	ND	ND	ND	*	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	1	UG/L	ND	1.3	<1.0	ND	ND	*	1.4	ND	2.2	ND	2.6	1.5	0.8
1,2-dichloropropane	1	UG/L	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
Trichloroethene	1	UG/L	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
Dibromochloromethane	1	UG/L	ND	1.0	ND	ND	ND	*	ND	ND	1.8	ND	1.9	1.5	0.6
1,1,2-trichloroethane	1	UG/L	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
2-chloroethylvinyl ether	5	UG/L	ND	*	ND	ND	ND	*	ND	ND	ND	ND	ND	ND	ND
Bromoform	6.1	UG/L	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
Tetrachloroethene	1	UG/L	2.4	ND	ND	ND	ND	*	ND	ND	ND	ND	ND	1.2	0.3
Toluene	1	UG/L	3.4	ND	5.5	5.1	ND	*	1.4	1.1	1.1	2.5	1.5	1.4	2.1
Chlorobenzene	1	UG/L	1.3	ND	ND	ND	ND	*	ND	ND	ND	ND	ND	ND	0.1
Ethylbenzene	1	UG/L	ND	ND	ND	ND	ND	*	ND	ND	ND	ND	ND	ND	ND
Acrylonitrile		UG/L	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
				=====	=====	=====	=====	=====	=====	=====	=====	=====	=====		=====
Halomethane Purgeable Cmpnds	6.1	UG/L	0.0	2.3	0.0	0.0	0.0	*	1.4	0.0	4.0	0.0	4.5	3.0	1.4
=======================================		=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
Purgeable Compounds	13.8	UG/L	14.6	9.1	13.1	19.6	6.6	*	12.8	14.9	13.0	6.1	15.6	24.3	13.6
744:::11 4															
Additional analytes determine	ea,														
	====	=====	=====	=====	=====	=====	=====	=====	====	=====	=====	=====	=====	=====	=====
Allyl chloride	1.4	UG/L	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
meta,para xylenes	3.1	UG/L	<3.1	ND	ND	3.3	*	*	ND	ND	ND	ND	ND	ND	0.3
Styrene	4.7	UG/L	ND	ND	ND	ND	*	*	ND	ND	ND	ND	ND	ND	ND
1,2,4-trichlorobenzene	1.44	UG/L	ND	ND	ND	ND	*	*	ND	ND	ND	ND	ND	ND	ND
Methyl Iodide	1.3	UG/L	ND	ND	ND	ND	*	*	ND	ND	ND	ND	ND	ND	ND
Chloroprene	1.4	UG/L	ND	ND	ND	ND	*	*	ND	ND	ND	ND	ND	ND	ND
Methyl methacrylate	4.6	UG/L	ND	ND	ND	ND	*	*	ND	ND	ND	ND	ND	ND	ND
2-nitropropane	10	UG/L	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
Isopropylbenzene	4.4	UG/L	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
ortho-xylene	3.4	UG/L	ND	ND	ND	ND	*	*	ND	ND	ND	ND	ND	ND	ND
Acetone	20	UG/L	4630	285	229	471	*	*	866	388	305	1480	1650	2150	1245
Carbon disulfide	1	UG/L	1.2	1.1	ND	1.4	*	*	1.5	ND	1.6	1.8	5.0	ND	1.4
2-butanone	4	UG/L	ND	ND	ND	ND	*	*	ND	8.1	ND	ND	ND	8.3	1.6
Methyl tert-butyl ether	1	UG/L	2.7	1.5	5.3	13.8	*	*	8.0	ND	1.3	4.6	5.4	3.0	4.6
-															

monitoring.

### POINT LOMA WASTEWATER TREATMENT PLANT Annual Sewage Dioxin and Furan Analysis

From 01-JAN-2002 to 31-DEC-2002

Sampled by: A. Martinez Analyzed by: Pacific Analytical Inc.

				PLE JAN	PLE FEB	PLE MAR	PLE APR	PLE MAY	PLE JUN
Analyte	MDT.	Units	s Equiv	P128540	P130094	P132995	P135388	P138139	P172172
=======================================	===		=====	=========	=========	=========	========	=========	
2,3,7,8-tetra CDD	10	PG/L	1.000	ND	ND	ND	ND	ND	ND
1,2,3,7,8-penta CDD	50	PG/L	0.500	ND	ND	ND	ND	ND	ND
1,2,3,4,7,8_hexa_CDD	50	PG/L	0.100	ND	ND	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDD	50		0.100	ND	ND	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDD	50	PG/L	0.100	ND	ND	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDD	50		0.010	ND	<50.000	ND	ND	ND	ND
octa CDD	100		0.001	ND	ND	<100.000	ND	ND	ND
2,3,7,8-tetra CDF	10		0.100	ND	ND	ND	ND	ND	ND
1,2,3,7,8-penta CDF	50		0.050	ND	ND	ND	ND	ND	ND
2,3,4,7,8-penta CDF	50		0.500	ND	ND	ND	ND	ND	ND
1,2,3,4,7,8-hexa CDF	50		0.100	ND	ND	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDF	50		0.100	ND	ND	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDF	50	- ,	0.100	ND	ND	ND	ND	ND	ND
2,3,4,6,7,8-hexa CDF	50	- /	0.100	ND	ND	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDF	50	- ,	0.010	ND	ND	ND	ND	ND	ND
1,2,3,4,7,8,9-hepta CDF		- ,	0.010	ND	ND	ND	ND	ND	ND
octa CDF	100	PG/L	0.001	ND	ND	ND	ND	ND	ND
				PLE	PLE	PLE	PLE	PLE	PLE
				JUL	AUG	SEP	OCT	NOV	DEC
Analyte	MDL	Units	s Equiv	P175848	P180328	P186420	P188969	P194180	P197141
=======================================			=====	========	========	========	========	========	========
2,3,7,8-tetra CDD	10	PG/L	1.000	ND	ND	ND	ND	ND	ND
1,2,3,7,8-penta CDD	50	PG/L	0.500	ND	ND	ND	ND	ND	ND
1,2,3,4,7,8_hexa_CDD	50	PG/L	0.100	ND	ND	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDD	50	PG/L	0.100	ND	ND	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDD	50		0.100	ND	ND	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDD			0.010	ND	ND	ND	ND	ND	ND
octa CDD	100	- /	0.001	ND	ND	ND	ND	ND	ND
2,3,7,8-tetra CDF	10	- /	0.100	ND	ND	ND	ND	ND	ND
1,2,3,7,8-penta CDF	50		0.050	ND	ND	ND	ND	ND	ND
2,3,4,7,8-penta CDF	50		0.500	ND	ND	ND	ND	ND	ND
1,2,3,4,7,8-hexa CDF	50	- /	0.100	ND	ND	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDF						ND	ND	ND	ND
	50	PG/L		ND	ND				
1,2,3,7,8,9-hexa CDF	50	PG/L	0.100	ND	ND	ND	ND	ND	ND
2,3,4,6,7,8-hexa CDF	50 50	PG/L PG/L	0.100 0.100	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND
2,3,4,6,7,8-hexa CDF 1,2,3,4,6,7,8-hepta CDF	50 50 50	PG/L PG/L PG/L	0.100 0.100 0.010	ND ND ND	ND ND ND	ND ND ND	ND ND ND	ND ND ND	ND ND ND
2,3,4,6,7,8-hexa CDF	50 50 50 50	PG/L PG/L PG/L PG/L	0.100 0.100	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

# POINT LOMA WASTEWATER TREATMENT PLANT Annual Sewage Dioxin and Furan Analysis

From 01-JAN-2002 to 31-DEC-2002

Sampled by: A. Martinez Analyzed by: Pacific Analytical Inc.

TCDD Equivalents for:

			PLE	PLE	PLE	PLE	PLE	PLE	PLE
			TCDD	TCDD	TCDD	TCDD	TCDD	TCDD	TCDD
			JAN	FEB	MAR	APR	MAY	JUN	JUL
Analyte	MD	L Units	P128540	P130094	P132995	P135388	P138139	P172172	P175848
						=======================================			
2,3,7,8-tetra CDD	10	PG/L	ND	ND	ND	ND	ND	ND	ND
1,2,3,7,8-penta CDD	50	PG/L	ND	ND	ND	ND	ND	ND	ND
1,2,3,4,7,8_hexa_CDD	50	PG/L	ND	ND	ND	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDD	50	PG/L	ND	ND	ND	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDD	50	PG/L	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
octa CDD		PG/L	ND	ND	ND	ND	ND	ND	ND
2,3,7,8-tetra CDF	10	PG/L	ND	ND	ND	ND	ND	ND	ND
1,2,3,7,8-penta CDF	50	PG/L	ND	ND	ND	ND	ND	ND	ND
2,3,4,7,8-penta CDF	50	PG/L	ND	ND	ND	ND	ND	ND	ND
1,2,3,4,7,8-hexa CDF	50	PG/L	ND	ND	ND	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDF	50	PG/L	ND	ND	ND	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDF	50	PG/L	ND	ND	ND	ND	ND	ND	ND
2,3,4,6,7,8-hexa CDF	50	PG/L	ND	ND	ND	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDF	50	PG/L	ND	ND	ND	ND	ND	ND	ND
1,2,3,4,7,8,9-hepta CDF	50	PG/L	ND	ND	ND	ND	ND	ND	ND
octa CDF	100	PG/L	ND	ND	ND	ND	ND	ND	ND
			PLE	PLE	PLE	PLE	PLE		
			TCDD	TCDD	TCDD	TCDD	TCDD		
			AUG	SEP	OCT	NOV	DEC		
Analyte		L Units	P180328	P186420	P188969	P194180	P197141		
0.2.5.0									
2,3,7,8-tetra CDD	10	PG/L	ND	ND	ND	ND	ND		
1,2,3,7,8-penta CDD	50	PG/L	ND	ND	ND	ND	ND		
1,2,3,4,7,8_hexa_CDD	50	PG/L	ND	ND	ND	ND	ND		
1,2,3,6,7,8-hexa CDD	50	PG/L	ND	ND	ND	ND	ND		
1,2,3,7,8,9-hexa CDD	50	PG/L	ND	ND	ND	ND	ND		
1,2,3,4,6,7,8-hepta CDD		PG/L	ND	ND	ND	ND	ND		
octa CDD		PG/L	ND	ND	ND	ND	ND		
2,3,7,8-tetra CDF	10	PG/L	ND	ND	ND	ND	ND		
1,2,3,7,8-penta CDF	50	PG/L	ND	ND	ND	ND	ND		
2,3,4,7,8-penta CDF	50	PG/L	ND	ND	ND	ND	ND		
1,2,3,4,7,8-hexa CDF	50	PG/L	ND	ND	ND	ND	ND		
1,2,3,6,7,8-hexa CDF	50	PG/L	ND	ND	ND	ND	ND		
1,2,3,7,8,9-hexa CDF	50	PG/L	ND	ND	ND	ND	ND		
2,3,4,6,7,8-hexa CDF	50	PG/L	ND	ND	ND	ND	ND		
1,2,3,4,6,7,8-hepta CDF		PG/L	ND	ND	ND	ND	ND		
1,2,3,4,7,8,9-hepta CDF		PG/L	ND	ND	ND	ND	ND		
octa CDF	100	PG/L	ND	ND	ND	ND	ND		

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

### POINT LOMA WASTEWATER TREATMENT PLANT Annual Sewage Dioxin and Furan Analysis

From 01-JAN-2002 to 31-DEC-2002

Sampled by: A. Martinez Analyzed by: Pacific Analytical Inc.

				PLR JAN	PLR FEB	PLR MAR	PLR APR	PLR MAY	PLR JUN
Analyte	MDL	Units	Equiv	P128543	P130099	P132998	P135391	P138144	P172175
			=====		========				========
2,3,7,8-tetra CDD	10	- ,	1.000	ND	ND	ND	ND	ND	ND
1,2,3,7,8-penta CDD	50		0.500	ND	ND	ND	ND	ND	ND
1,2,3,4,7,8_hexa_CDD	50		0.100	ND	ND	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDD	50		0.100	ND	ND	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDD	50		0.100	ND	ND	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDD			0.010	590.000	ND	ND	ND	ND	ND
octa CDD	100	PG/L		4800.000	340.000	130.000	ND	ND	100.000
2,3,7,8-tetra CDF	10		0.100	ND	ND	ND	ND	ND	ND
1,2,3,7,8-penta CDF	50		0.050	ND	ND	ND	ND	ND	ND
2,3,4,7,8-penta CDF	50		0.500	ND	ND	ND	ND	ND	ND
1,2,3,4,7,8-hexa CDF 1,2,3,6,7,8-hexa CDF	50 50		0.100	ND ND	ND	ND	ND	ND	ND
1,2,3,6,7,8-nexa CDF 1,2,3,7,8,9-hexa CDF	50		0.100	ND ND	ND ND	ND ND	ND ND	ND ND	ND
2,3,4,6,7,8-hexa CDF	50		0.100	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND
1,2,3,4,6,7,8-hexa CDF			0.100	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND
1,2,3,4,6,7,8-Hepta CDF 1,2,3,4,7,8,9-hepta CDF		- ,	0.010	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND
octa CDF		PG/L PG/L		480.000	ND ND	ND ND	ND ND	ND ND	ND ND
OCCA CDF	100	PG/L	0.001	400.000	עוו	עא	עוו	ND	ND
				PLR	PLR	PLR	PLR	PLR	PLR
				JUL	AUG	SEP	OCT	NOV	DEC
Analyte	MDL	Units	Equiv	P175851	P180333	P186423	P188974	P194183	P197144
=======================================			=====	========				========	
2,3,7,8-tetra CDD	10	PG/L	1.000	ND	ND	ND	ND	ND	ND
1,2,3,7,8-penta CDD	50	PG/L	0.500	ND	ND	ND	ND	ND	ND
1,2,3,4,7,8_hexa_CDD	50	PG/L	0.100	ND	ND	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDD	50	PG/L	0.100	ND	ND	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDD	50	PG/L	0.100	ND	ND	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDD	50	PG/L	0.010	ND	ND	ND	ND	ND	ND
octa CDD	100	PG/L	0.001	ND	150.000	ND	ND	ND	270.000
2,3,7,8-tetra CDF	10	PG/L	0.100	ND	ND	ND	ND	ND	ND
1,2,3,7,8-penta CDF	50	PG/L	0.050	ND	ND	ND	ND	ND	ND
2,3,4,7,8-penta CDF	50	PG/L	0.500	ND	ND	ND	ND	ND	ND
1,2,3,4,7,8-hexa CDF	50	PG/L	0.100	ND	ND	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDF	50	PG/L	0.100	ND	ND	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDF	50	PG/L	0.100	ND	ND	ND	ND	ND	ND
2,3,4,6,7,8-hexa CDF	50	PG/L	0.100	ND	ND	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDF	50	PG/L	0.010	ND	ND	ND	ND	ND	ND
1,2,3,4,7,8,9-hepta CDF							110	11.2	
octa CDF			0.010	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND

Above are permit required  $\ensuremath{\mathtt{CDD}}/\ensuremath{\mathtt{CDF}}$  isomers.

nd= not detected NA= not analyzed NS= not sampled

### POINT LOMA WASTEWATER TREATMENT PLANT Annual Sewage Dioxin and Furan Analysis

From 01-JAN-2002 to 31-DEC-2002

Sampled by: A. Martinez Analyzed by: Pacific Analytical Inc.

TCDD Equivalents for:

			PLR TCDD						
			JAN	FEB	MAR	APR	MAY	JUN	JUL
Analyte	MD:	L Unit	s P128543	P130099	P132998	P135391	P138144	P172175	P175851
=======================================	===	====	========	========	========			========	========
2,3,7,8-tetra CDD	10	PG/L	ND						
1,2,3,7,8-penta CDD	50	PG/L	ND						
1,2,3,4,7,8_hexa_CDD	50	PG/L	ND						
1,2,3,6,7,8-hexa CDD	50	PG/L	ND						
1,2,3,7,8,9-hexa CDD	50	PG/L	ND						
1,2,3,4,6,7,8-hepta CDD	50	PG/L	5.900	ND	ND	ND	ND	ND	ND
octa CDD	100	PG/L	4.800	0.340	0.130	ND	ND	0.100	ND
2,3,7,8-tetra CDF	10	PG/L	ND						
l,2,3,7,8-penta CDF	50	PG/L	ND						
2,3,4,7,8-penta CDF	50	PG/L	ND						
L,2,3,4,7,8-hexa CDF	50	PG/L	ND						
1,2,3,6,7,8-hexa CDF	50	PG/L	ND						
1,2,3,7,8,9-hexa CDF	50	PG/L	ND						
2,3,4,6,7,8-hexa CDF	50	PG/L	ND						
1,2,3,4,6,7,8-hepta CDF	50	PG/L	ND						
1,2,3,4,7,8,9-hepta CDF	50	PG/L	ND						
octa CDF	100	PG/L	0.480	ND	ND	ND	ND	ND	ND

			PLR	PLR	PLR	PLR	PLR	
			TCDD	TCDD	TCDD	TCDD	TCDD	
			AUG	SEP	OCT	NOV	DEC	
Analyte	$\mathtt{MDL}$	Units	P180333	P186423	P188974	P194183	P197144	
	===	====					========	
2,3,7,8-tetra CDD	10	PG/L	ND	ND	ND	ND	ND	
1,2,3,7,8-penta CDD	50	PG/L	ND	ND	ND	ND	ND	
1,2,3,4,7,8_hexa_CDD	50	PG/L	ND	ND	ND	ND	ND	
1,2,3,6,7,8-hexa CDD	50	PG/L	ND	ND	ND	ND	ND	
1,2,3,7,8,9-hexa CDD	50	PG/L	ND	ND	ND	ND	ND	
1,2,3,4,6,7,8-hepta CDD	50	PG/L	ND	ND	ND	ND	ND	
octa CDD	100	PG/L	0.150	ND	ND	ND	0.270	
2,3,7,8-tetra CDF	10	PG/L	ND	ND	ND	ND	ND	
1,2,3,7,8-penta CDF	50	PG/L	ND	ND	ND	ND	ND	
2,3,4,7,8-penta CDF	50	PG/L	ND	ND	ND	ND	ND	
1,2,3,4,7,8-hexa CDF	50	PG/L	ND	ND	ND	ND	ND	
1,2,3,6,7,8-hexa CDF	50	PG/L	ND	ND	ND	ND	ND	
1,2,3,7,8,9-hexa CDF	50	PG/L	ND	ND	ND	ND	ND	
2,3,4,6,7,8-hexa CDF	50	PG/L	ND	ND	ND	ND	ND	
1,2,3,4,6,7,8-hepta CDF	50	PG/L	ND	ND	ND	ND	ND	
1,2,3,4,7,8,9-hepta CDF	50	PG/L	ND	ND	ND	ND	ND	
octa CDF	100	PG/L	ND	ND	ND	ND	ND	

Above are permit required CDD/CDF isomers.

nd= not detected NA= not analyzed NS= not sampled

### 2002 **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.

SAMPLE SOURCE (Pt. Loma Treatment Plant Effluent)

DATE	TOTAL
DATE	TOTAL
	COLIFORM
	(MPN
	Index/100ml)
January 8, 2002	2,300,000
February 15, 2002	50,000,000
March 14, 2002	13,000,000
April 8, 2002	30,000,000
May 23, 2002	13,000,000
June 19, 2002	13,000,000
July 24, 2002	3,000,000
August 1, 2002	23,000,000
September 24, 2002	22,000,000
October 8, 2002	3,000,000
November 27, 2002	13,000,000
December 13, 2002	13,000,000
Average	16,525,000

# POINT LOMA WASTEWATER TREATMENT PLANT From 01-JAN-2002 To 31-DEC-2002

SAMPLED BY: NL,JC,GR,MS,MC ANALYZED BY: HD,JC,MC,GR,GS,JW,FM

		_						
	Tota Hardı		Calcium Hardness		Magne Hardr		Calci	um
MDL:	.22	mg/L	. 2	mg/L	.08	mg/L	.08	mg/L
Months	Inf.	Eff.	Inf.	Eff.	Inf.	Eff.	Inf.	Eff.
===========	=========	=========		=======	=========	=========		========
JANUARY -2002	429	407	219	205	210	203	88	82
FEBRUARY -2002	434	408	222	202	211	207	89	81
MARCH -2002	452	431	230	212	222	219	92	85
APRIL -2002	443	414	225	203	218	211	90	81
MAY -2002	477	432	241	211	236	222	97	84
JUNE -2002	473	448	231	214	241	235	93	86
JULY -2002	485	464	237	221	248	243	95	89
AUGUST -2002	459	431	224	204	235	227	90	82
SEPTEMBER-2002	460	424	221	197	240	227	88	79
OCTOBER -2002	420	399	201	189	218	211	81	76
NOVEMBER -2002	420	395	210	193	210	203	84	77
DECEMBER -2002	495	469	247	228	248	241	99	91
============	=========			=======	=========	=========		
Average:	454	427	226	207	228	221	91	83
-								
	Alka	linity	Total Solids		Total Soli	Volatile ds	Conduc	tivity
MDL:	1.5	mg/L	100	mg/L	100	mg/L	10	umhos/cm
Months	Inf.	Eff.	Inf.	Eff.	Inf.	Eff.	Inf.	Eff.
=============	=========	========	=======================================		==========	========		
JANUARY -2002	287	253	1840	1570	440	244	2620	2600
FEBRUARY -2002	276	250	1810	1610	464	279	2640	2640
MARCH -2002	288	261	1790	1560	460	252	2740	2770
APRIL -2002	288	260	1840	1600	480	285	2650	2630
	290	268	1930	1680	508	307	2730	2750
JUNE -2002	279	252	2030	1790	533	332	2820	2840
JULY -2002	289	261	2150	1870	575	365	2940	2940
AUGUST -2002	292	268	2040	1810	559	373	2780	2800
SEPTEMBER-2002	278	254	2030	1800	522	341	2820	2810
OCTOBER -2002	278	247	1970	1710	500	289	2820	2810
NOVEMBER -2002	281	254	1960	1680	494	280	2730	2760
DECEMBER -2002	277	244	1970	1770	515	350	2760	2770
=========	========	========	=======================================		========		=======================================	========
Average:	284	256	1947	1704	504	308	2754	2760
	Chlor	ride	Bromide		Sulf	ate	Nitra	ate
MDL:	.8	mg/L	.02	mg/L	.5	mg/L	.03	mg/L
Months	Inf.	Eff.	Inf.	Eff.	Inf.	Eff.	Inf.	Eff.
	========					========		=======
JANUARY -2002	528	526	1.26	1.20	256	251	ND	0.61
FEBRUARY -2002	532	547	1.31	1.31	253	251	ND	0.49
MARCH -2002	577	588	1.46	1.46	259	254	ND	0.10
APRIL -2002	527	548	1.29	1.31	251	247	ND	0.52
MAY -2002	583	595	1.43	1.30	254	250	ND	0.86
JUNE -2002	631	646	1.38	1.50	260	256	ND	0.12
JULY -2002	663	664	1.53	1.47	257	250	ND	0.94
AUGUST -2002	607	625	1.57	1.33	255	249	0.28	ND
SEPTEMBER-2002	621	647	1.52	1.39	260	256	ND	0.87
OCTOBER -2002	614	623	1.06	1.34	252	246	0.20	2.37
NOVEMBER -2002	607	627	2.03	1.34	252	250	0.20 ND	1.38
DECEMBER -2002	657	634	0.74	0.96	275	266	ND	0.79
7	========	========		1 21	257	252		
Average:	596	606	1.38	1.31	257	252	0.04	0.75

ND=not detected; NS=not sampled; NA=not analyzed; NR=not required Samples are 24 hour composites

### POINT LOMA WASTEWATER TREATMENT PLANT From 01-JAN-2002 To 31-DEC-2002

SAMPLED BY: NL,JC,GR,MS,MC ANALYZED BY: HD,JC,MC,GR,GS,JW,FM

	Lith	ıium	Sodi	.um	Potas	sium	Chemi	cal
							Oxygen I	Demand
MDL: Months	Inf.	mg/L Eff.	.3 Inf.	mg/L Eff.	2 Inf.	mg/L Eff.	22 Inf.	mg/L Eff.
JANUARY -2002		0.04	339	329	29.2	27.6	580	243
FEBRUARY -2002		0.04	338	339	33.4	33.3	605	253
MARCH -2002		0.05	356	353	34.6	33.9	578	250
APRIL -2002		0.04	341	342	31.0	29.9	664	243
MAY -2002		0.05	376	358	33.7	33.2	607	251
JUNE -2002		0.03	390	382	30.6	30.3	571	236
JULY -2002		0.04	412	395	33.9	34.9	583	241
AUGUST -2002		0.04	382	370	29.6	28.4	575	241
SEPTEMBER-2002		0.04	389	371	35.1	30.0	568	228
		0.04		346	35.1	29.1	548	228 198
			355					
NOVEMBER -2002		0.04	337	331	28.0	25.9	691	244
DECEMBER -2002		0.04	400	393	29.5	27.7	607	253
Average:	0.04	0.04	368	359	31.7	30.4	598	239
	Total Di	issolved	Floata	ables	Turbi	dity	Aluminum	
	Soli							4-
MDL: Months	42 Inf.	2 mg/L Eff.	.1 Inf.	mg/I Eff.	Inf.	NTU Eff.	50 Inf.	ug/L Eff.
JANUARY -2002	1490	1480	3.5	0.1	149	42	1720	138
FEBRUARY -2002	1490	1490	1.7	0.1	144	48	1730	184
MARCH -2002	1550	1540	2.6	0.1	144	45	1680	151
APRIL -2002	1560	1540	3.4	0.1	148	43	2130	228
MAY -2002		1580	1.6	0.1	156	43	1910	240
JUNE -2002		1700	2.7	0.1	159	45	2030	214
JULY -2002		1760	1.9	0.1	166	48	2310	201
AUGUST -2002		1640	1.3	0.1	154	46	1870	302
SEPTEMBER-2002		1720	1.9	0.2	154	44	1790	138
OCTOBER -2002		1590	2.7	0.2	151	46	1650	108
NOVEMBER -2002		1600	3.8	0.1	137	44	1990	118
DECEMBER -2002		1590	4.4	0.1	137	43	1600	182
DECEMBER -2002		1590	4.4	0.1	========	43		102
Average:	1612	1603	2.6	0.1	150	45	1868	184
	Boron		Cobalt		Molybdenum		Manganese	
MDL:		ug/L	4	ug/L	3	ug/L	4	ug/L
Months	Inf.	Eff.	Inf.	Eff.	Inf.	Eff.	Inf.	Eff.
							101	
JANUARY -2002		458	ND	ND	10	5	121	130
FEBRUARY -2002		448	ND	ND	9	8	123	134
MARCH -2002		405	NR	NR	NR	NR	141	152
APRIL -2002		482	4	<4	9	5	128	138
MAY -2002		537	ND	ND	5	5	185	181
JUNE -2002		368	ND	ND	17	6	172	169
JULY -2002		313	<4	ND	16	3	160	183
AUGUST -2002		507	ND	ND	11	10	178	179
SEPTEMBER-2002		504	NR	NR	NR	NR	155	178
OCTOBER -2002		427	<4	<4	9	7	129	150
NOVEMBER -2002	472	457	ND	ND	NR	NR	134	146
DECEMBER -2002		451	NR	NR	NR	NR	150	162
	494	446	0	0	11	6	148	159
Average:	494	440	U	U	11	6	148	159

ND=not detected; NS=not sampled; NA=not analyzed; NR=not required Samples are 24 hour composites

# POINT LOMA WASTEWATER TREATMENT PLANT From 01-JAN-2002 To 31-DEC-2002

SAMPLED BY: NL,JC,GR,MS,MC ANALYZED BY: HD,JC,MC,GR,GS,JW,FM

	Magnes	ium	Fluor	ide		tho sphate	Solu BC	
MDL:	.02	mg/L	.03	mg/L	.05	mg/L	2	mg/L
Months	Inf.	Eff.	Inf.	Eff.	Inf.	Eff.	Inf.	Eff.
========	=======================================		========		========	========	========	========
JANUARY -2002	51	49	0.72	0.78	6.65	1.20	86	58
FEBRUARY -2002	51	50	0.59	0.63	6.37	1.35	91	67
MARCH -2002	54	53	0.82	0.96	6.07	1.30	94	63
APRIL -2002	53	51	0.58	0.60	6.43	0.65	88	59
MAY -2002	57	54	0.80	0.96	5.28	1.07	81	56
JUNE -2002	59	57	0.86	0.89	5.77	0.96	79	48
JULY -2002	60	59	0.79	0.66	5.47	1.74	81	49
AUGUST -2002	57	55	0.91	0.84	6.14	2.30	80	49
SEPTEMBER-2002	58	55	1.10	0.78	6.31	1.63	82	59
OCTOBER -2002	53	51	0.74	0.77	4.36	0.98	87	67
NOVEMBER -2002	51	49	0.78	0.79	4.90	1.20	92	73
DECEMBER -2002	60	59	0.77	0.78	3.09	ND	87	62
=========	=======================================	=======	========	========	========	========	========	========
Average:	55	54	0.79	0.79	5.57	1.20	86	59

	Barium		Vanadium	
MDL:	10	ug/L	7	ug/L
Months	Inf.	Eff.	Inf.	Eff.
=========	========	========	========	========
JANUARY -2002	121	34	ND	ND
FEBRUARY -2002	109	37	ND	ND
MARCH -2002	116	37	NR	NR
APRIL -2002	121	37	ND	ND
MAY -2002	123	37	ND	ND
JUNE -2002	115	35	<7	ND
JULY -2002	126	41	ND	ND
AUGUST -2002	113	36	<7	ND
SEPTEMBER-2002	105	36	NR	NR
OCTOBER -2002	105	34	<7	<7
NOVEMBER -2002	116	37	NR	NR
DECEMBER -2002	106	37	NR	NR
==========		========	========	========
Average:	115	37	0	0

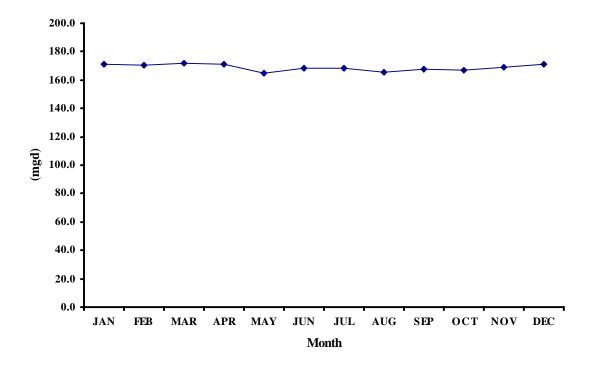
ND=not detected; NS=not sampled; NA=not analyzed; NR=not required Samples are 24 hour composites  $\,$ 

### B. Influent and Effluent Graphs.

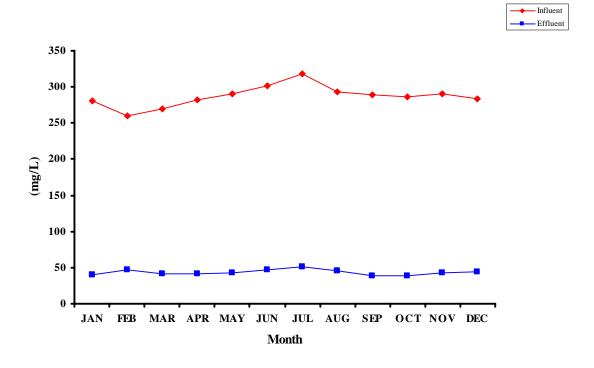
Graphs of monthly averages for permit parameters with measurable concentration averages.

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.

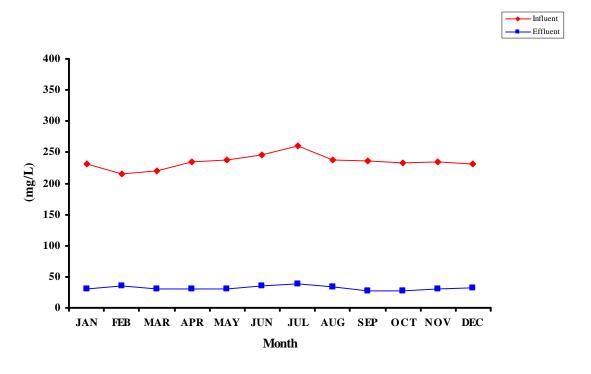
Flows (mgd) 2002 Monthly Averages



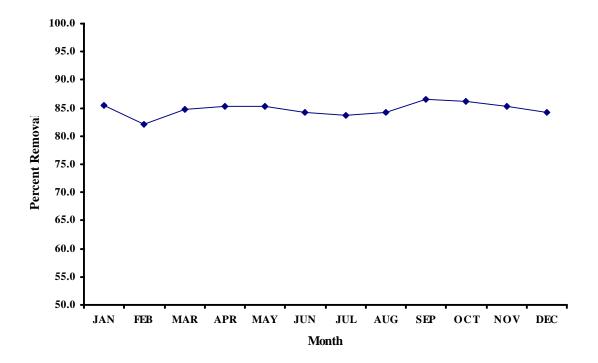
## Total Suspended Solids (mg/L) 2002 Monthly Averages



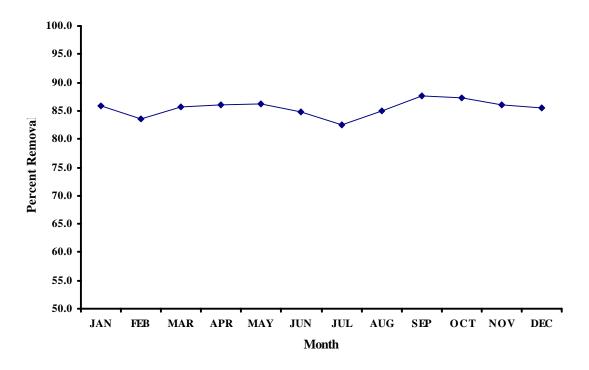
## Volatile Suspended Solids (mg/L) 2002 Monthly Averages



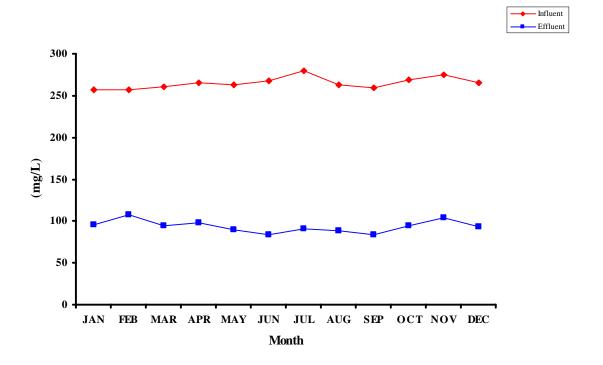
## Total Suspended Solids (%) Removal 2002 Monthly Averages at Point Loma



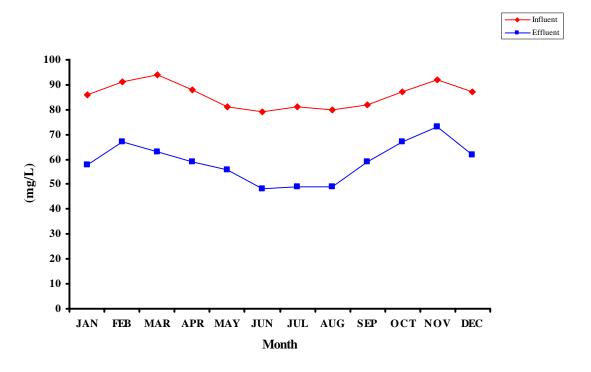
Total Suspended Solids (%) Removal 2002 Monthly Averages Systemwide



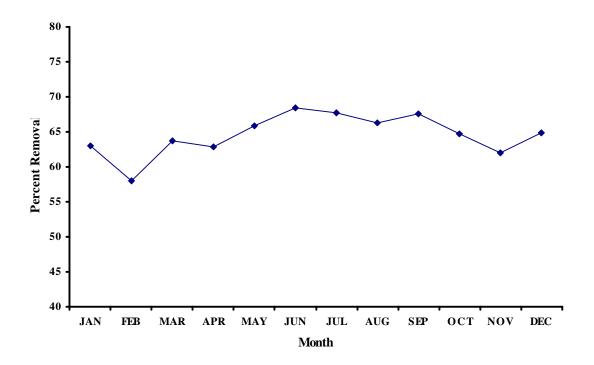
## **Biochemical Oxygen Demand** 2002 Monthly Averages



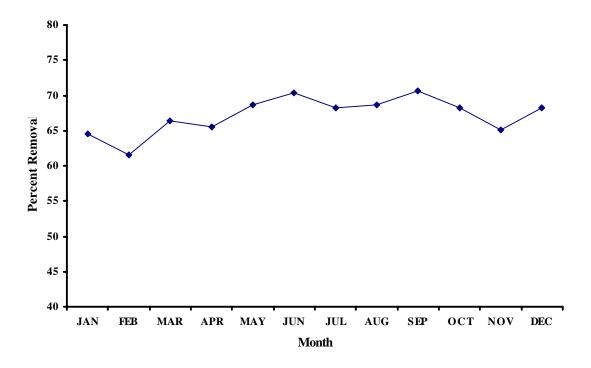
## **Soluble Biochemical Oxygen Demand** 2002 Monthly Averages



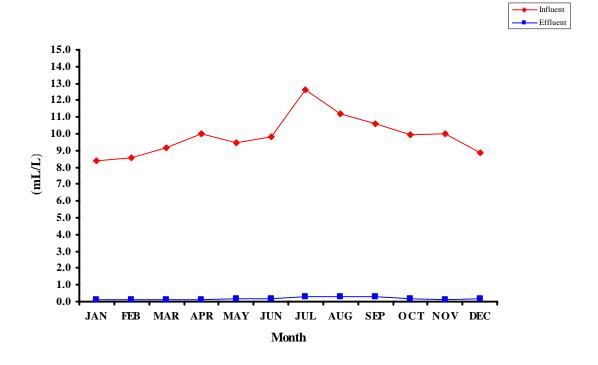
## **Biochemical Oxygen Demand (%) Removal** 2002 Monthly Averages at Point Loma



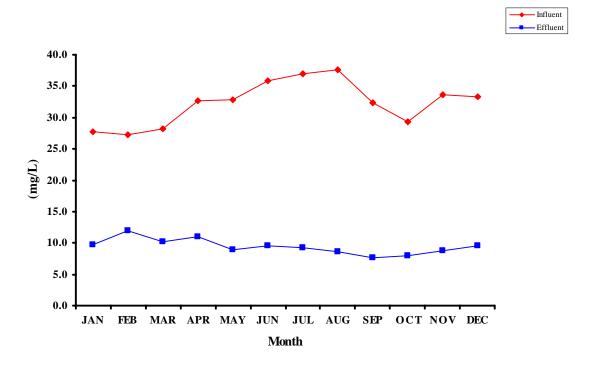
**Biochemical Oxygen Demand (%) Removal** 2002 Monthly Averages Systemwide



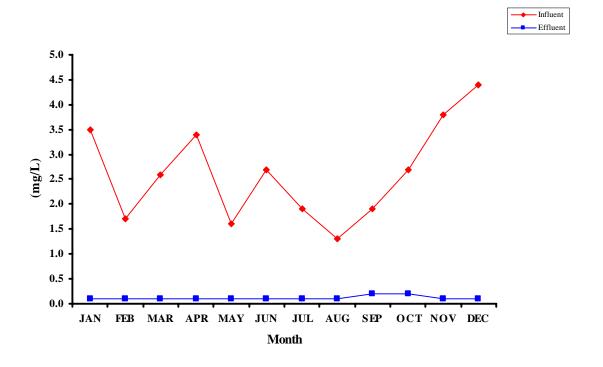
## Settleable Solids (mL/L) 2002 Monthly Averages



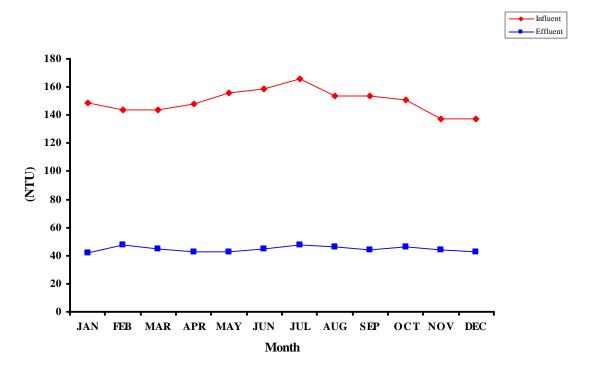
Oil and Grease (mg/L) 2002 Monthly Averages



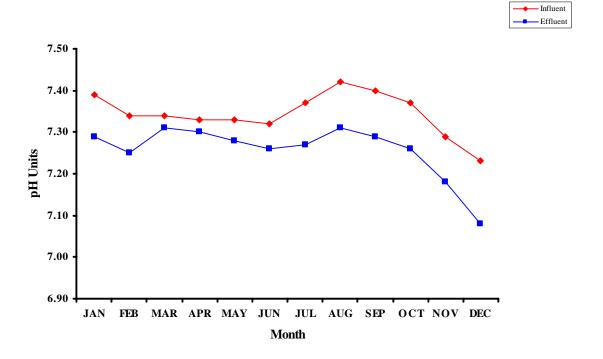
## Floatables (mg/L) 2002 Monthly Averages



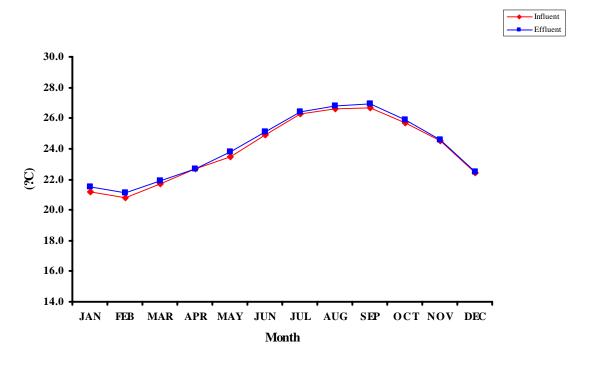
**Turbidity (NTU)** 2002 Monthly Averages



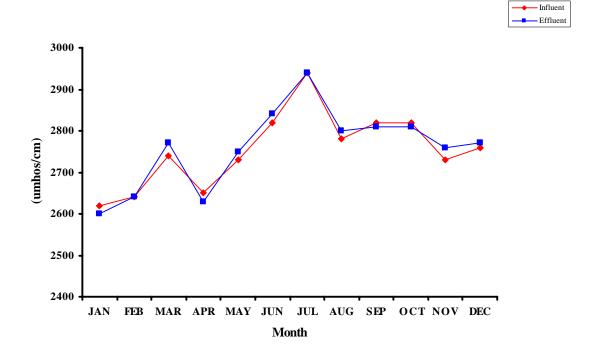
pН 2002 Monthly Averages



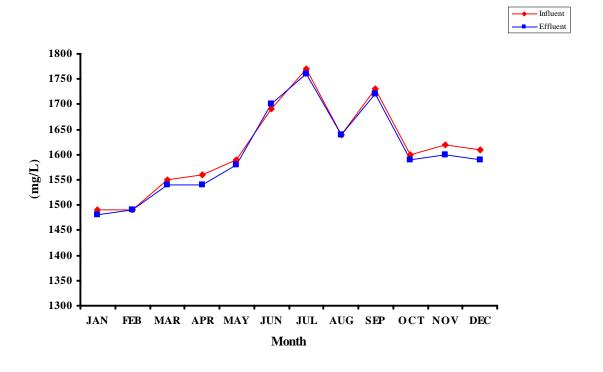
 $\textbf{Temperature} \ (^{?}\textbf{C})$ 2002 Monthly Averages



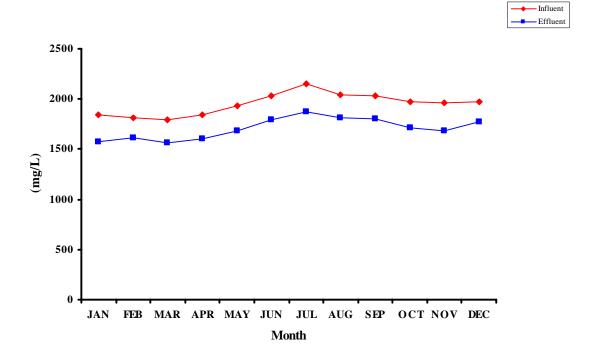
#### **Conductivity (umhos/cm)** 2002 Monthly Averages



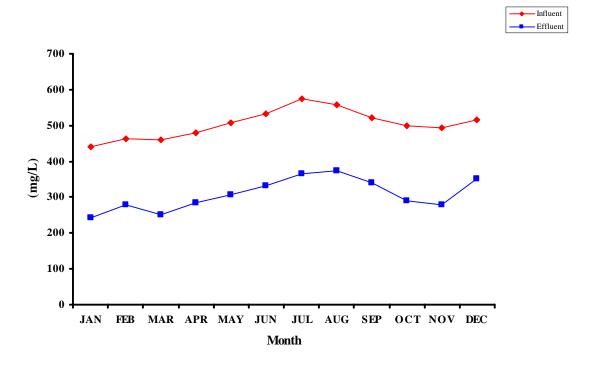
Total Dissolved Solids (mg/L) 2002 Monthly Averages



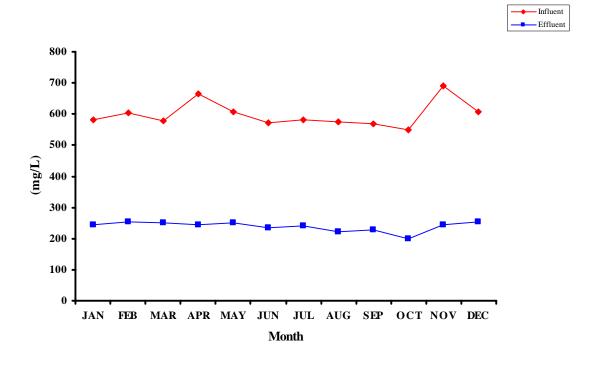
#### Total Solids (mg/L) 2002 Monthly Averages



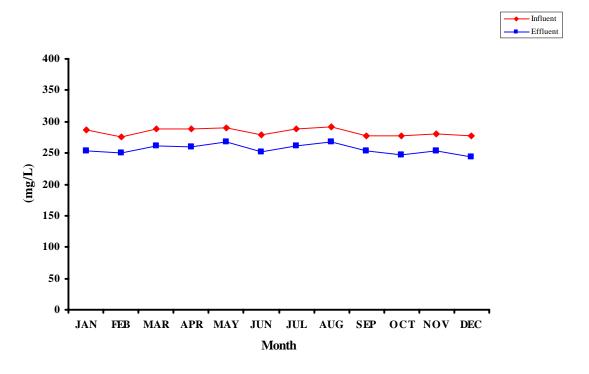
Total Volatile Solids (mg/L) 2002 Monthly Averages

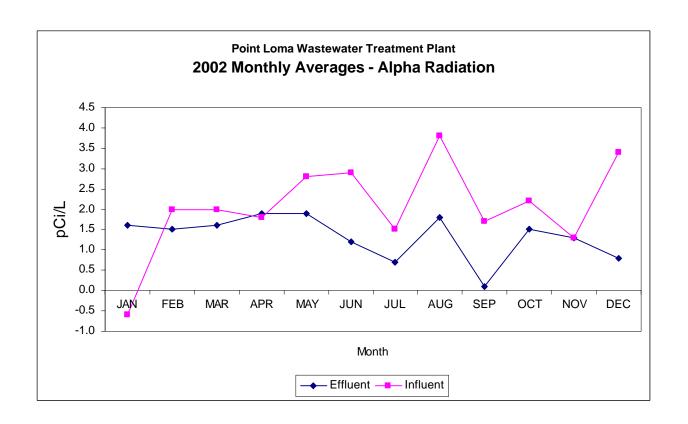


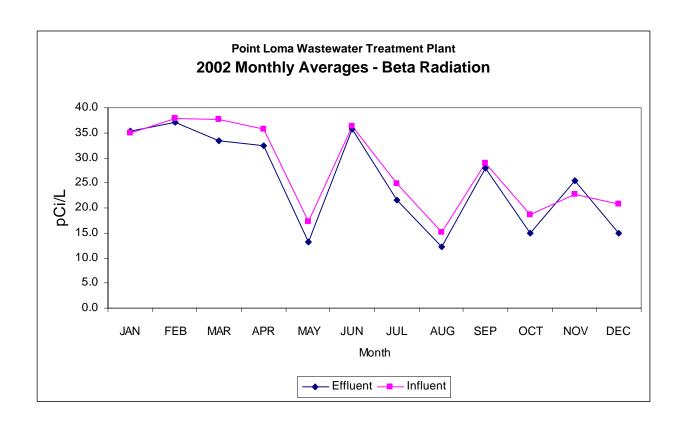
#### Chemical Oxygen Demand (mg/L) 2002 Monthly Averages

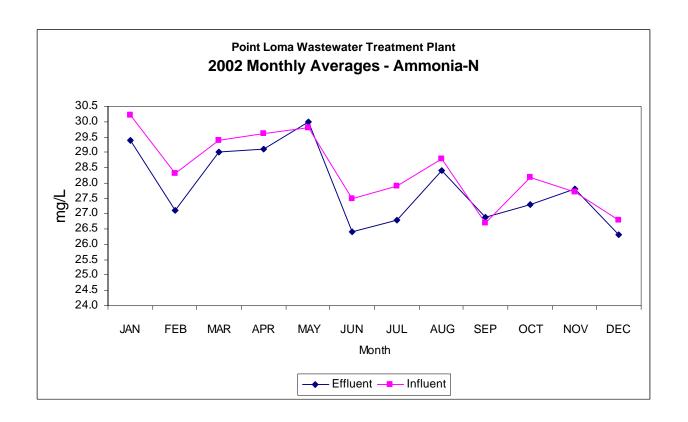


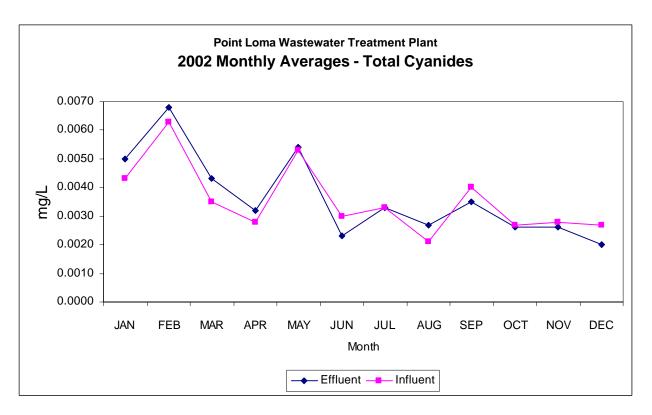
Alkalinity (mg/L) 2002 Monthly Averages



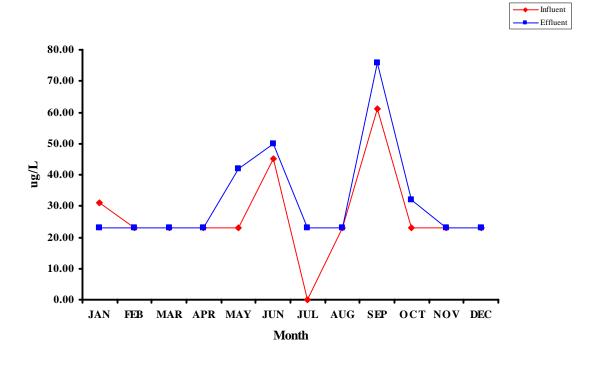




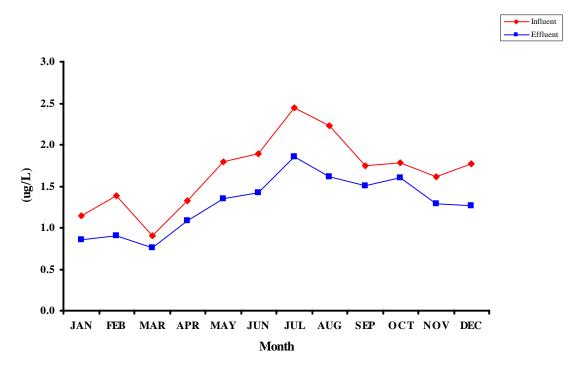




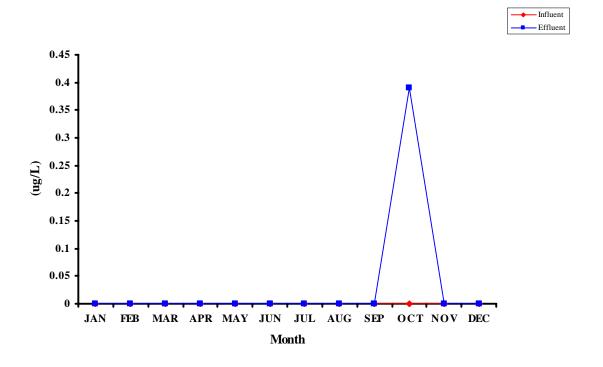
**Antimony** 2002 Monthly Averages



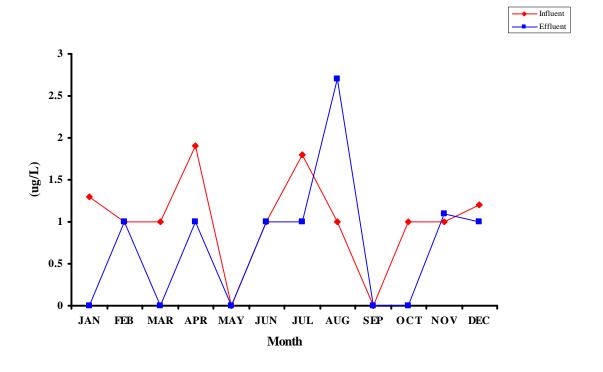
Arsenic 2002 Monthly Averages



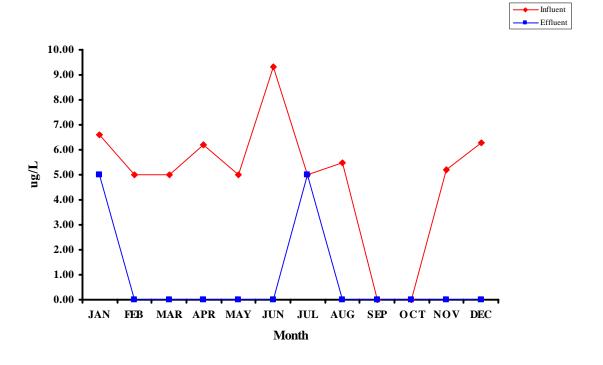
#### Beryllium 2002 Monthly Averages



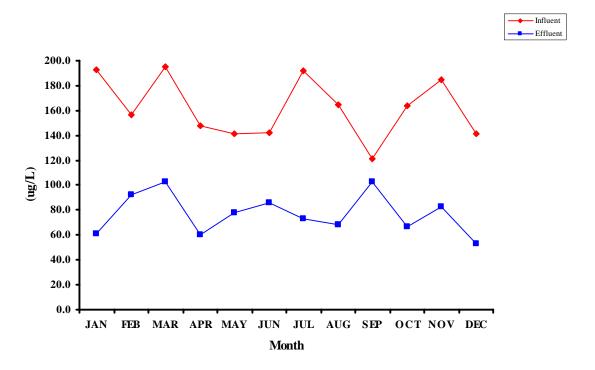
Cadmium 2002 Monthly Averages



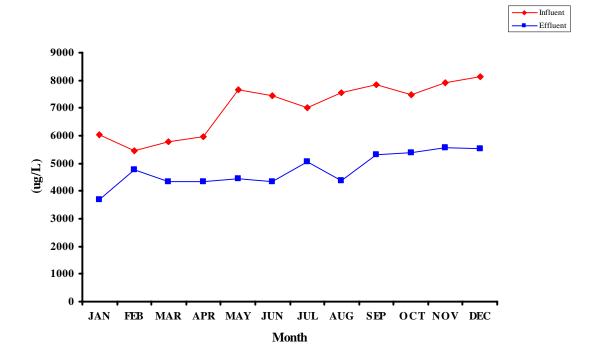
Chromium 2002 Monthly Averages



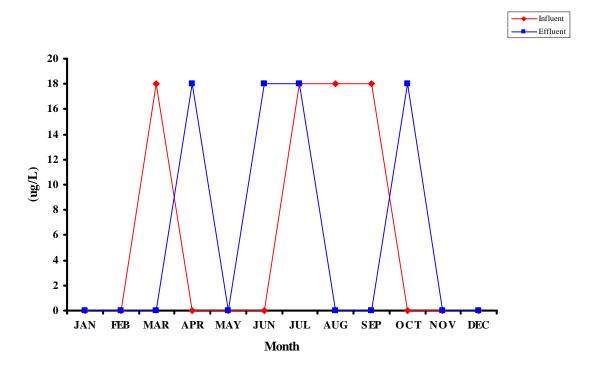
Copper 2002 Monthly Averages



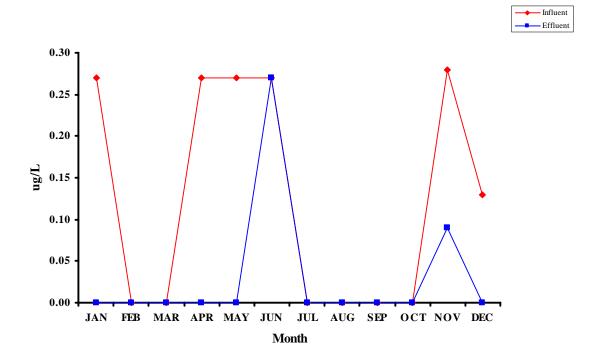
Iron 2002 Monthly Averages



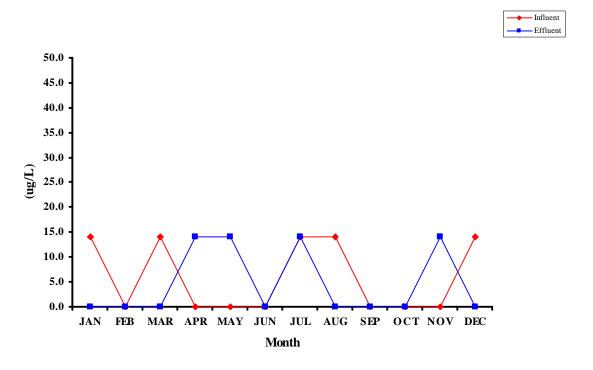
Lead 2002 Monthly Averages



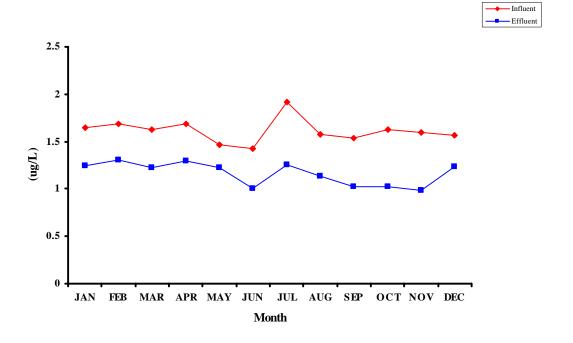
#### Chromium 2002 Monthly Averages



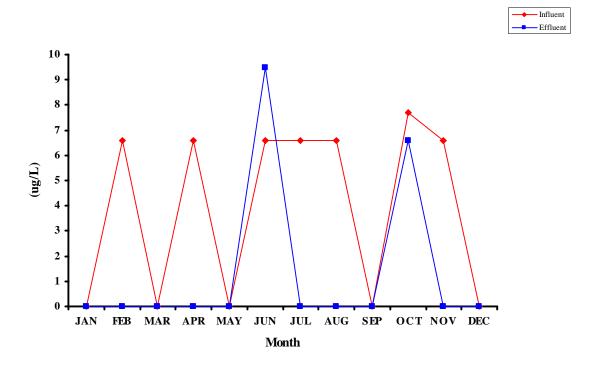
Nickel 2002 Monthly Averages



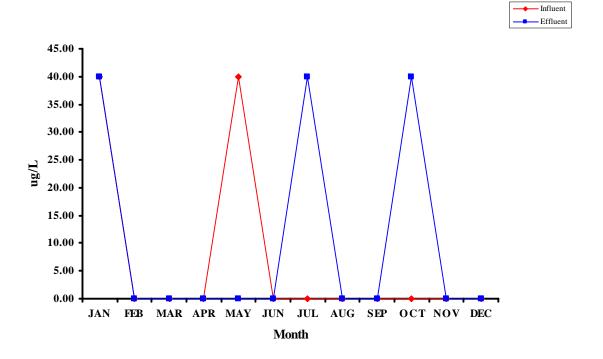
#### Selenium 2002 Monthly Averages



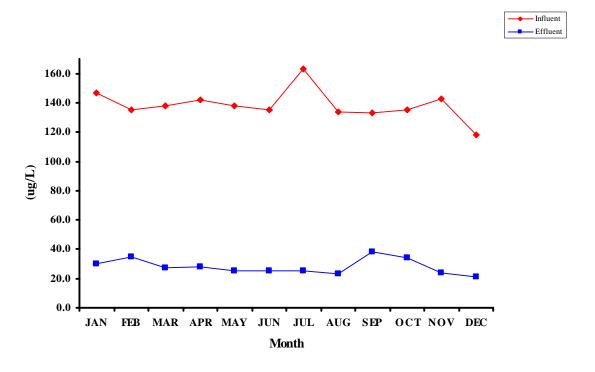
Silver 2002 Monthly Averages



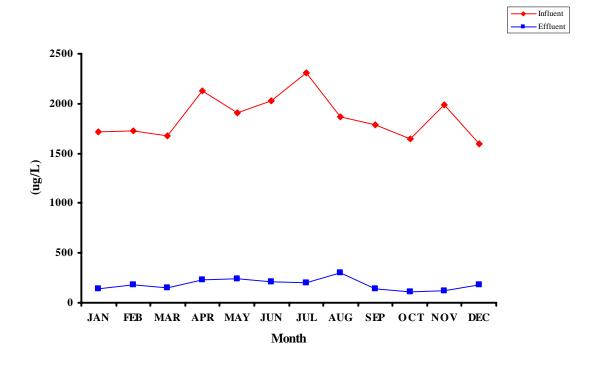
**Thallium** 2002 Monthly Averages



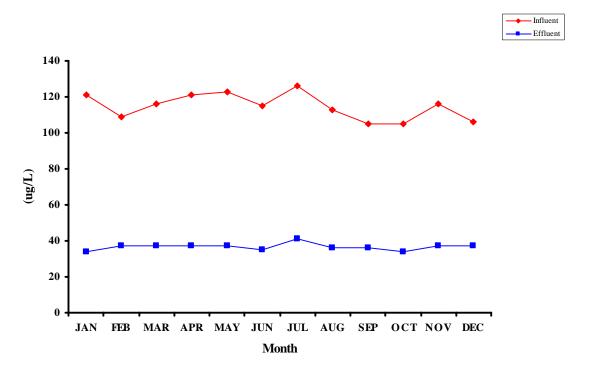
**Zinc** 2002 Monthly Averages



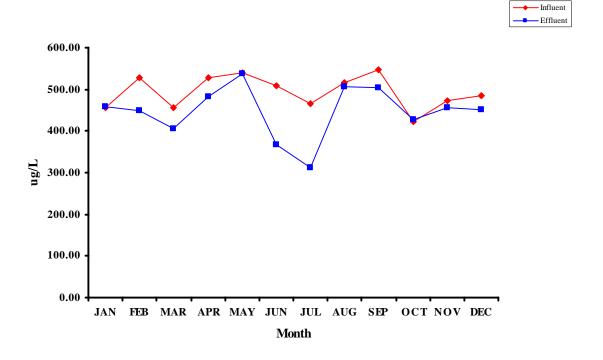
#### Aluminum 2002 Monthly Averages



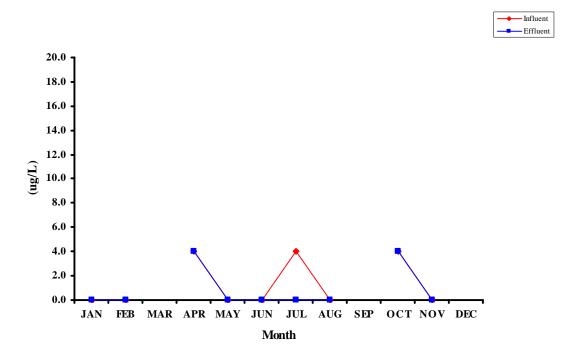
**Barium** 2002 Monthly Averages



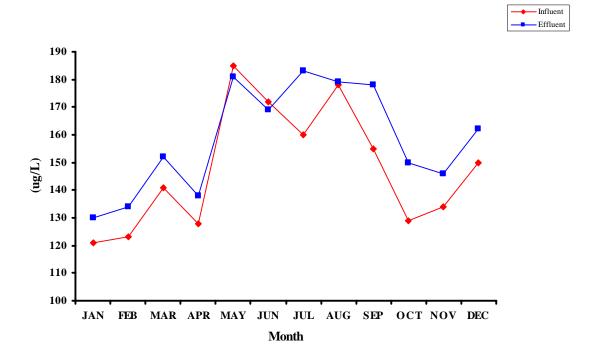
**Boron** 2002 Monthly Averages



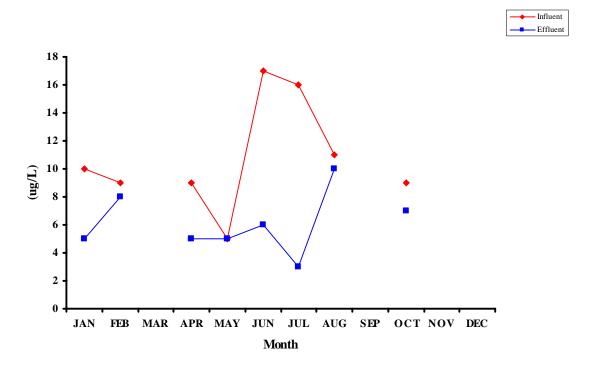
Colbalt 2002 Monthly Averages



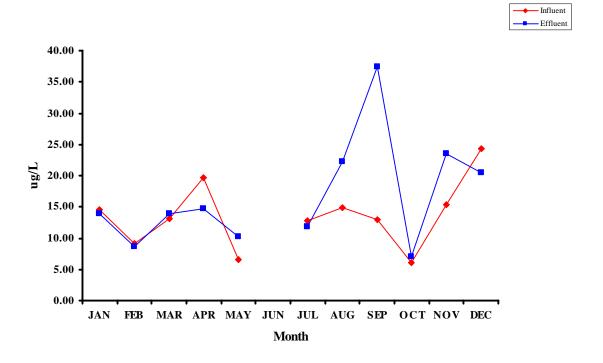
Manganese 2002 Monthly Averages



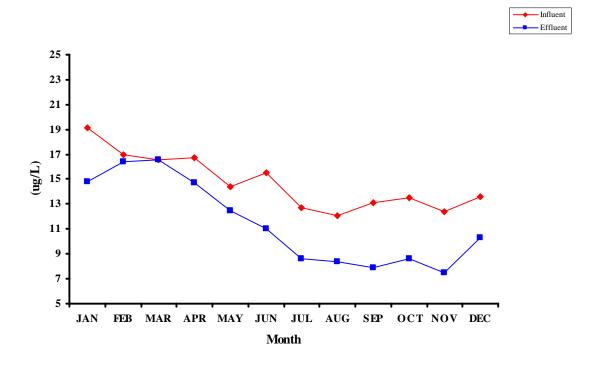
Molybdeum 2002 Monthly Averages



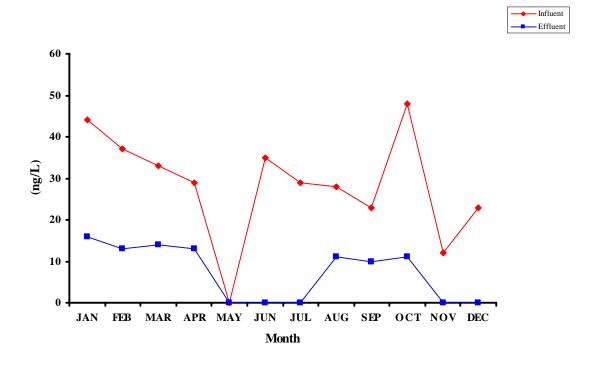
#### **Purgeables** 2002 Monthly Averages



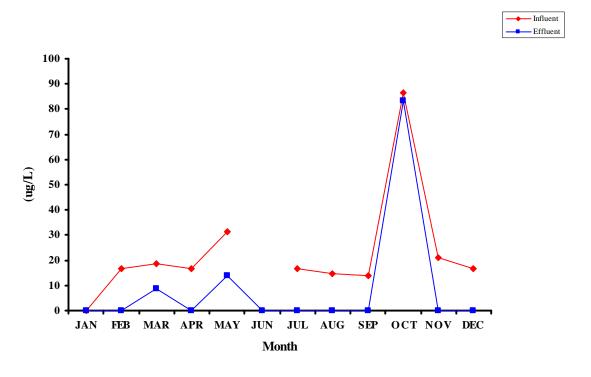
**Phenols** 2002 Monthly Averages



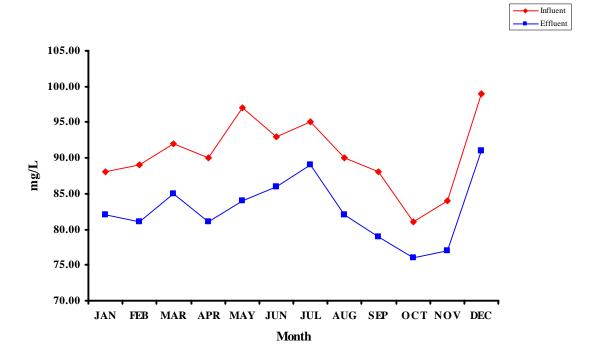
#### **Total Chlorinated Hydrocarbons** 2002 Monthly Averages



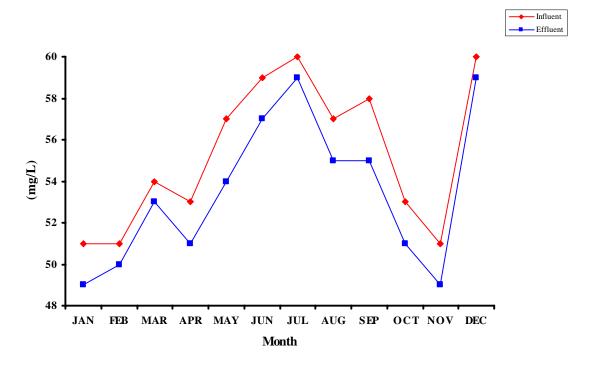
**Base Neutrals** 2002 Monthly Averages



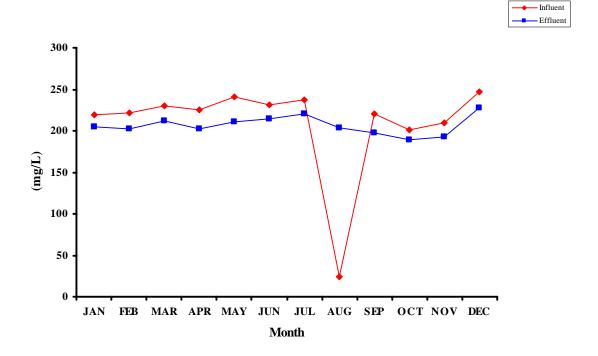
Calcium 2002 Monthly Averages



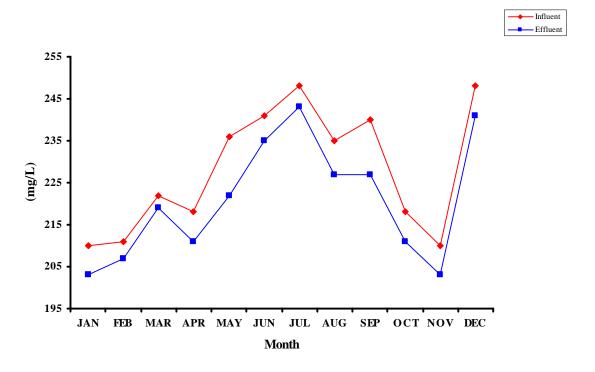
Magnesium 2002 Monthly Averages



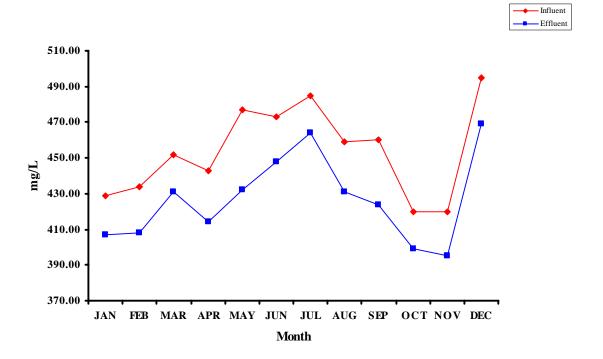
#### **Calcium Hardness** 2002 Monthly Averages



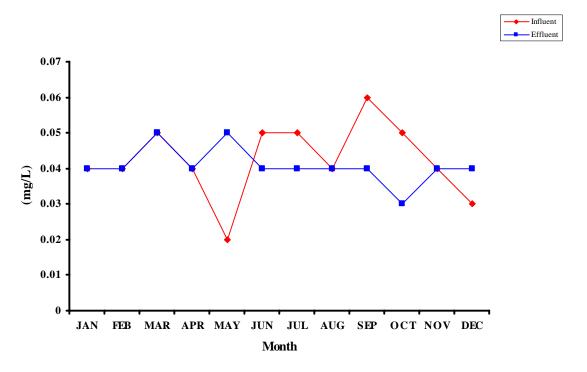
#### **Magnesium Hardness** 2002 Monthly Averages



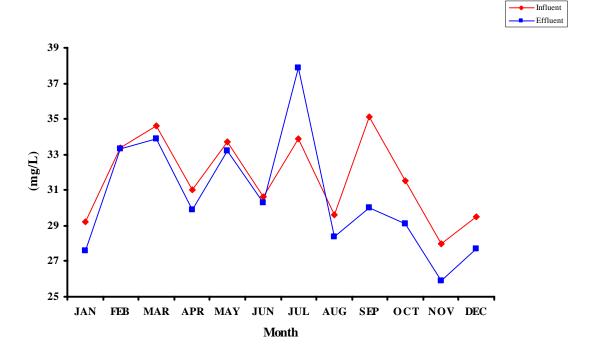
**Total Hardness** 2002 Monthly Averages



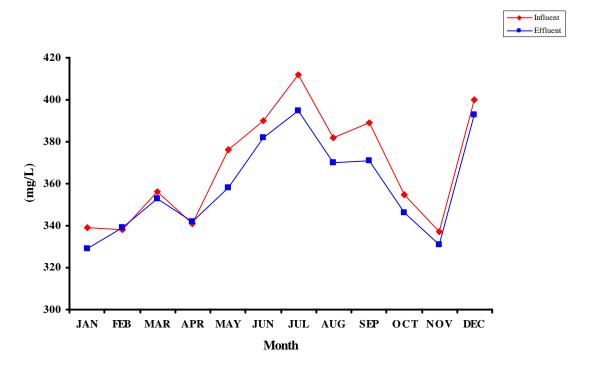
Lithium 2002 Monthly Averages



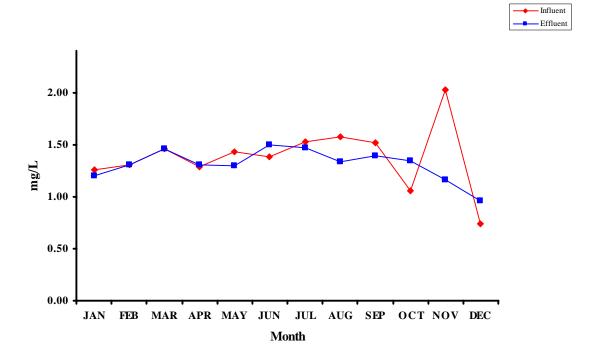
**Potassium** 2002 Monthly Averages



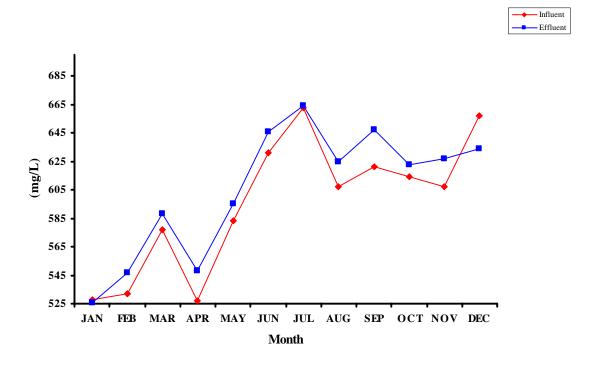
Sodium 2002 Monthly Averages



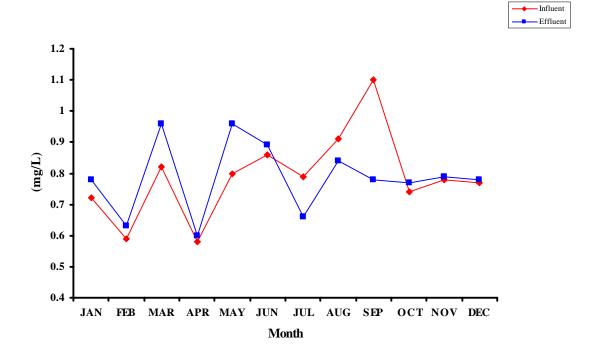
**Bromide** 2002 Monthly Averages



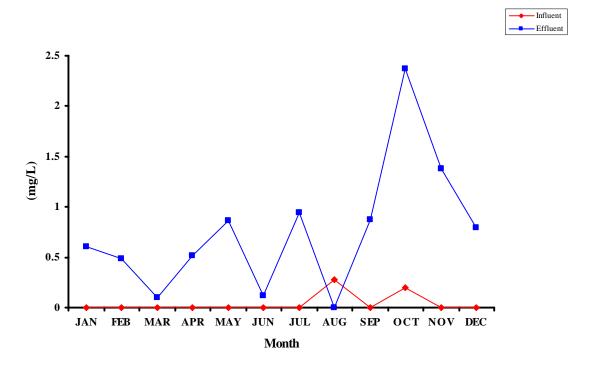
Chloride 2002 Monthly Averages



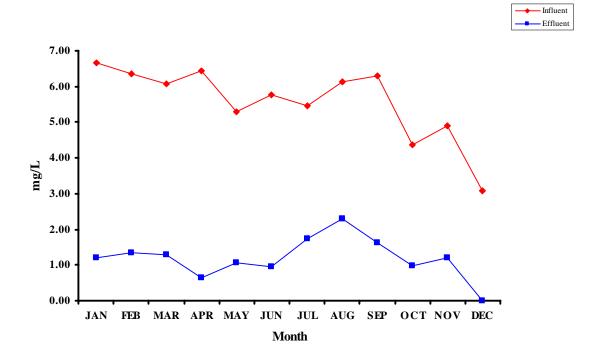
Fluoride 2002 Monthly Averages



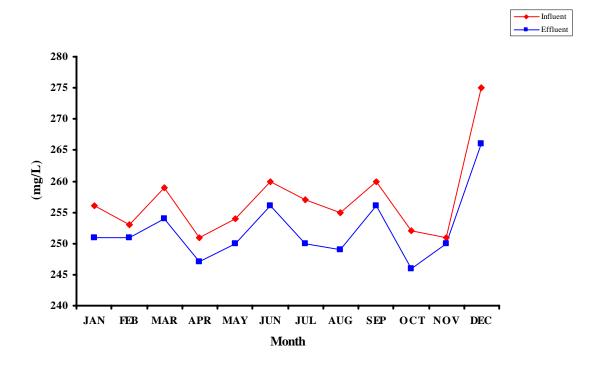
**Nitrate** 2002 Monthly Averages



**O-Phosphate** 2002 Monthly Averages



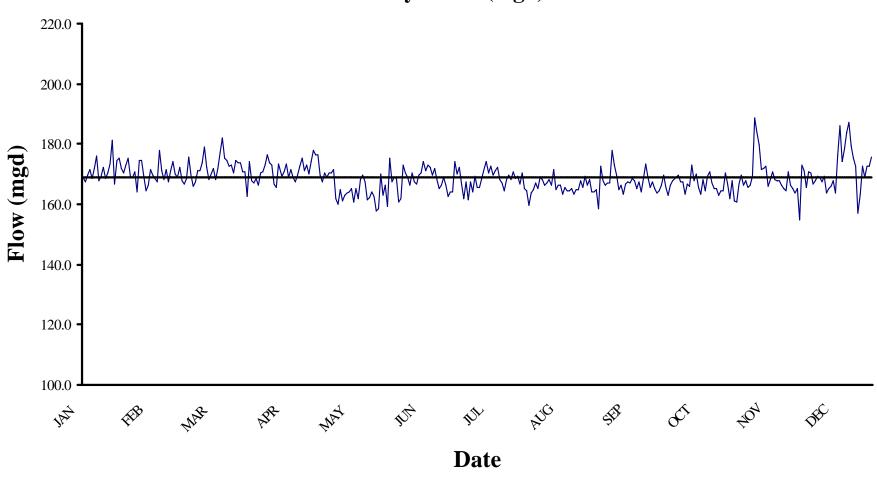
Chloride 2002 Monthly Averages



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.

### Point Loma Wastewater Treatment Plant 2002 Daily Flows (mgd)

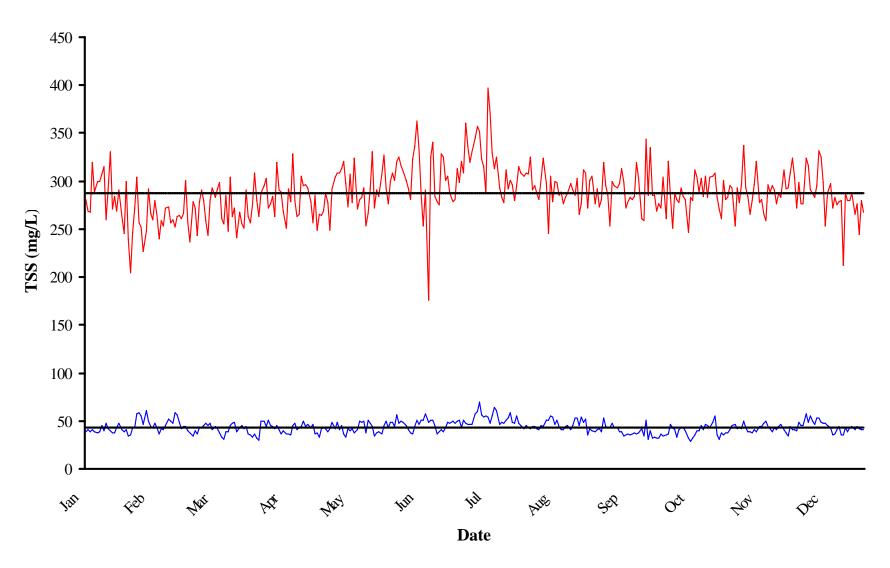


#### **Point Loma Wastewater Treatment Plant**

**2002 Flows (mgd)** 

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
1	160.1	171.8	166.6	167.0	167.4	167.6	172.4	159.5	158.5	165.6	160.8	171.3	
2	166.7	170.4	168.7	168.5	170.3	169.1	166.7	163.7	172.6	162.8	166.8	165.5	
3	170.2	173.1	175.5	166.4	169.0	168.4	161.9	164.9	167.8	166.3	169.6	170.7	
4	177.8	175.4	169.8	170.5	170.5	160.8	167.6	167.2	166.5	167.9	166.5	170.5	
5	169.4	169.4	166.1	170.7	170.4	161.9	161.6	165.4	167.2	168.8	168.0	166.8	
6	171.5	169.0	167.5	172.9	171.5	172.9	167.6	169.0	167.2	169.6	165.7	167.8	
7	172.9	170.7	171.3	176.5	161.8	170.3	164.2	168.2	178.1	167.5	166.5	169.3	
8	168.2	164.1	171.1	173.7	160.1	168.8	169.2	166.4	173.2	167.4	169.4	168.9	
9	168.7	174.7	173.7	173.0	164.9	166.5	165.5	167.0	169.6	163.4	188.6	167.4	
10	172.4	174.4	179.1	166.8	161.1	170.4	165.7	168.1	164.9	166.8	183.9	169.3	
11	167.0	169.3	172.5	165.7	163.2	167.4	168.8	166.3	166.3	166.1	179.9	163.6	
12	172.9	164.6	168.1	173.3	163.6	166.7	171.4	171.5	163.3	173.0	171.6	165.1	
13	171.1	166.3	170.2	169.4	164.0	169.7	174.2	164.9	166.7	167.7	171.8	166.1	
14	176.6	171.6	172.0	170.7	165.3	170.3	170.5	166.3	167.6	170.2	172.8	167.8	
15	168.9	169.7	168.3	173.4	160.9	174.1	172.6	166.4	166.9	165.7	166.0	163.7	
16	167.6	168.5	172.0	168.9	165.4	171.2	169.7	163.3	168.5	163.4	168.1	176.3	
17	169.7	167.6	177.1	171.4	161.8	172.9	171.3	165.6	167.8	168.3	170.7	186.2	
18	171.5	177.8	181.9	169.1	168.2	172.4	172.4	164.4	165.3	164.4	168.3	174.1	
19	168.5	171.0	175.3	167.4	169.6	169.8	168.1	164.5	167.4	169.2	167.8	178.4	
20	171.9	168.4	174.5	169.7	167.3	172.0	167.2	165.2	164.0	170.9	167.7	183.9	
21	176.2	171.5	172.8	172.8	161.5	168.2	164.6	163.2	168.6	167.2	166.2	187.2	
22	168.0	167.5	173.2	175.4	162.3	165.1	168.2	164.7	173.3	165.3	165.1	179.4	
23	169.3	171.3	170.3	171.2	164.3	166.4	169.7	164.8	168.8	165.2	164.6	175.2	
24	172.2	174.0	174.7	173.1	162.8	169.1	168.1	167.8	165.5	163.0	170.8	172.5	
25	168.6	170.1	173.8	169.9	157.7	166.4	170.7	165.4	167.4	164.6	166.4	157.0	
26	170.6	168.8	173.7	174.3	158.5	162.7	168.6	169.3	165.3	164.7	165.1	163.4	
27	173.4	172.2	170.8	177.9	170.0	164.2	169.4	166.3	163.6	170.6	163.6	172.5	
28	181.4	167.7	170.7	176.2	162.9	164.2	166.8	168.2	164.5	166.9	165.0	169.0	
29	166.9		162.5	176.5	166.3	174.3	170.5	164.2	166.4	161.8	154.9	172.5	
30	174.7		174.1	169.7	159.4	170.2	165.4	164.2	169.6	167.9	173.0	172.7	Annual
31	175.2		167.8		175.4		164.4	165.0		161.2		175.5	Summary
Average	171.0	170.4	171.8	171.4	165.1	168.5	168.2	165.8	167.4	166.6	168.8	171.3	168.8
Minimum	160.1	164.1	162.5	165.7	157.7	160.8	161.6	159.5	158.5	161.2	154.9	157.0	154.9
Maximum	181.4	177.8	181.9	177.9	175.4	174.3	174.2	171.5	178.1	173.0	188.6	187.2	188.6
Total	5300.0	4770.5	5325.7	5142.0	5117.0	5053.9	5215.0	5140.5	5022.4	5163.3	5065.0	5309.4	61624.6

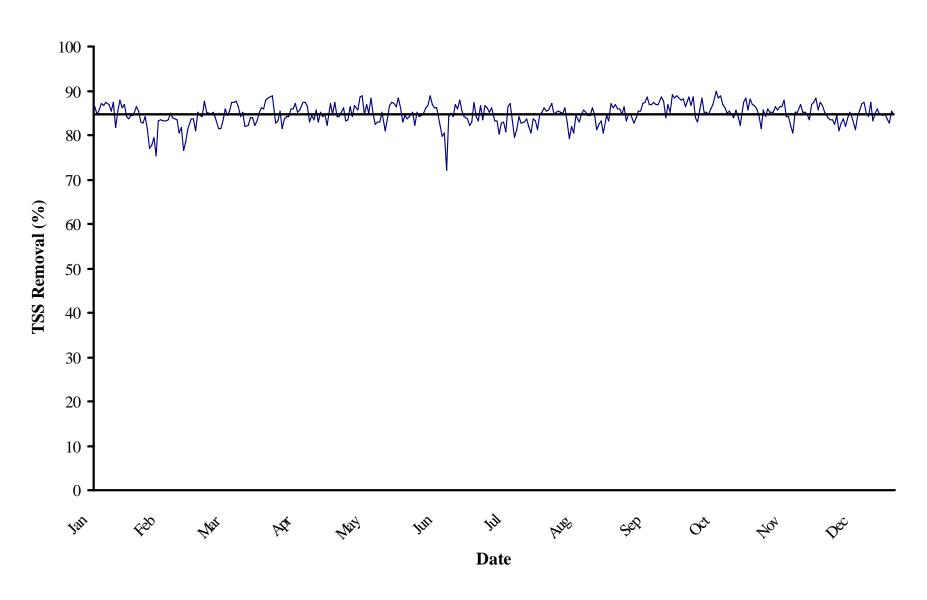
### Point Loma Wastewater Treatment Plant 2002 Total Suspended Solids



### Point Loma Wastewater Treatment Plant 2002 Total Suspended Solids (mg/L)

	Nov	Dec
Day Inf Eff	Inf Eff	Inf Eff
1 260.0 39.8 245.0 38.2 301.0 44.4 309.0 36.2 264.0 41.5 300.0 48.5 313.0 49.3 309.0 45.1 276.0 38.7 272.0 36.7	295.0 41.3	272.0 40.2
2 271.0 35.6 300.0 40.5 257.0 40.2 280.0 31.6 269.0 42.9 309.0 48.7 299.0 50.4 307.0 43.6 292.0 41.3 304.0 34.4	293.0 45.6	299.0 48.2
3 272.0 39.6 239.0 34.7 237.0 37.4 263.0 29.3 287.0 42.4 301.0 44.7 321.0 42.9 325.0 41.8 273.0 41.8 261.0 34.9	253.0 46.9	276.0 45.8
4 292.0 42.7 205.0 34.9 279.0 34.2 287.0 49.3 277.0 38.4 321.0 56.9 309.0 50.9 291.0 44.6 281.0 38.4 321.0 36.7	293.0 42.2	276.0 45.5
5 284.0 45.4 247.0 42.7 272.0 40.2 295.0 49.6 249.0 41.6 325.0 48.0 360.0 48.0 295.0 43.8 320.0 53.6 285.0 46.0	277.0 43.6	324.0 57.1
6 276.0 43.1 272.0 42.7 243.0 36.7 303.0 44.2 292.0 48.2 316.0 50.0 336.0 46.7 287.0 41.8 295.0 44.7 251.0 42.9	296.0 41.5	316.0 48.9
7 253.0 35.6 304.0 57.3 277.0 42.7 272.0 50.7 304.0 41.8 311.0 48.4 319.0 46.9 281.0 41.3 285.0 43.5 288.0 41.1	337.0 50.2	291.0 55.6
8 287.0 41.6 257.0 58.9 291.0 43.1 276.0 45.1 309.0 48.7 301.0 45.1 331.0 46.0 301.0 45.6 253.0 43.5 281.0 32.7	293.0 43.1	287.0 49.3
9 291.0 42.7 252.0 55.8 280.0 44.9 284.0 44.7 308.0 41.1 292.0 40.4 345.0 58.0 324.0 44.7 300.0 48.0 277.0 40.7	284.0 38.2	283.0 46.0
10 285.0 32.2 227.0 46.2 259.0 47.8 263.0 41.8 313.0 44.9 281.0 37.5 357.0 60.2 297.0 50.9 295.0 42.7 293.0 43.5	265.0 38.2	295.0 53.1
11 272.0 40.7 248.0 60.9 243.0 44.9 319.0 44.9 321.0 36.7 323.0 36.2 352.0 69.3 245.0 50.9 293.0 42.9 284.0 43.5	280.0 37.8	332.0 53.1
12 269.0 41.4 292.0 49.3 280.0 47.3 291.0 40.7 297.0 32.9 336.0 44.2 323.0 56.2 305.0 55.1 297.0 38.4 281.0 39.3	296.0 40.7	325.0 48.2
13 240.0 43.5 267.0 44.2 293.0 41.1 289.0 36.9 273.0 42.0 363.0 50.5 315.0 53.8 279.0 54.2 313.0 39.1 247.0 32.5	321.0 39.1	299.0 47.8
14 261.0 37.1 260.0 43.6 283.0 43.8 269.0 40.0 307.0 40.0 333.0 46.2 288.0 55.3 300.0 46.7 299.0 33.8 283.0 28.4	277.0 43.8	253.0 47.5
15 281.0 38.6 280.0 47.3 292.0 42.4 251.0 36.2 277.0 41.5 287.0 51.1 397.0 54.4 299.0 50.9 272.0 35.3 280.0 32.2	281.0 44.4	287.0 45.1
16 269.0 40.9 264.0 43.6 299.0 37.8 292.0 36.5 324.0 38.0 253.0 51.3 372.0 47.6 285.0 43.8 279.0 36.4 312.0 35.1	265.0 48.0	297.0 42.7
17 268.0 38.2 240.0 36.0 261.0 32.9 279.0 35.1 271.0 41.1 291.0 57.1 329.0 55.1 289.0 40.9 283.0 35.3 304.0 40.0	259.0 50.2	272.0 35.1
18 320.0 41.1 259.0 41.6 255.0 31.3 328.0 44.9 281.0 49.3 176.0 48.9 313.0 63.8 276.0 40.9 281.0 36.4 289.0 40.2	296.0 44.0	283.0 36.0
19 289.0 38.4 253.0 41.1 285.0 38.7 280.0 47.8 283.0 48.5 325.0 50.9 325.0 60.7 283.0 44.2 284.0 37.1 303.0 45.4	289.0 42.4	275.0 41.3
20 300.0 37.8 272.0 45.1 248.0 38.9 263.0 41.1 293.0 50.2 340.0 51.3 293.0 46.4 288.0 44.9 320.0 36.2 284.0 41.1	295.0 38.9	279.0 43.8
21 300.0 38.9 273.0 52.0 304.0 45.1 265.0 43.6 253.0 37.1 284.0 44.9 283.0 48.9 297.0 41.3 303.0 37.3 305.0 46.6	291.0 43.1	280.0 35.3
22 307.0 44.9 257.0 49.8 263.0 47.5 305.0 43.8 267.0 50.7 279.0 36.9 277.0 47.5 291.0 44.9 261.0 41.8 283.0 45.6	276.0 40.7	212.0 35.3
23 315.0 40.0 260.0 47.3 272.0 48.2 295.0 50.2 292.0 48.0 275.0 38.4 312.0 51.1 285.0 53.6 259.0 33.8 304.0 43.6	287.0 44.0	288.0 43.6
24 260.0 47.3 252.0 59.1 241.0 38.5 296.0 44.0 331.0 44.0 328.0 41.3 292.0 52.9 303.0 52.9 344.0 50.5 305.0 48.2	283.0 46.7	280.0 39.1
25 292.0 42.4 263.0 56.4 268.0 42.9 293.0 46.2 272.0 34.4 325.0 39.1 301.0 59.1 265.0 44.9 285.0 31.1 308.0 55.1	312.0 40.9	280.0 43.1
26 331.0 39.8 264.0 49.1 255.0 45.1 279.0 43.1 291.0 37.3 301.0 43.6 296.0 48.2 276.0 54.0 335.0 39.3 283.0 35.8	292.0 37.1	288.0 44.5
27 271.0 37.8 261.0 42.4 251.0 42.2 257.0 46.0 284.0 38.7 305.0 48.5 280.0 47.3 312.0 48.4 285.0 31.8 271.0 31.3	293.0 34.2	265.0 40.5
28 284.0 37.5 267.0 43.8 291.0 43.8 285.0 36.5 307.0 36.0 288.0 47.1 295.0 55.3 309.0 52.0 285.0 33.1 261.0 37.4	309.0 43.8	276.0 44.7
29 269.0 42.7 263.0 36.5 249.0 38.0 327.0 45.3 279.0 50.0 315.0 47.8 272.0 35.1 269.0 32.2 301.0 35.8	324.0 41.3	244.0 42.2
30 291.0 47.3 256.0 35.8 265.0 33.4 293.0 50.2 281.0 48.0 309.0 45.6 301.0 41.6 276.0 32.5 281.0 37.1	304.0 40.4	280.0 40.9
31 263.0 40.7 275.0 32.9 276.0 43.1 305.0 42.0 305.0 40.2 283.0 37.5		268.0 41.1
Avg 281.4 40.5 260.0 46.6 270.1 40.9 282.7 41.7 290.1 42.5 301.0 46.5 318.1 51.9 293.0 46.0 289.8 39.0 286.6 39.4	290.5 42.4	283.3 44.5
Min 240.0 32.2 205.0 34.7 237.0 31.3 249.0 29.3 249.0 32.9 176.0 36.2 277.0 42.0 245.0 35.1 253.0 31.1 247.0 28.4	253.0 34.2	212.0 35.1
Max 331.0 47.3 304.0 60.9 304.0 48.2 328.0 50.7 331.0 50.7 363.0 57.1 397.0 69.3 325.0 55.1 344.0 53.6 321.0 55.1	337.0 50.2	332.0 57.1

### Point Loma Wastewater Treatment Plant 2002 TSS Removal (%) at Point Loma



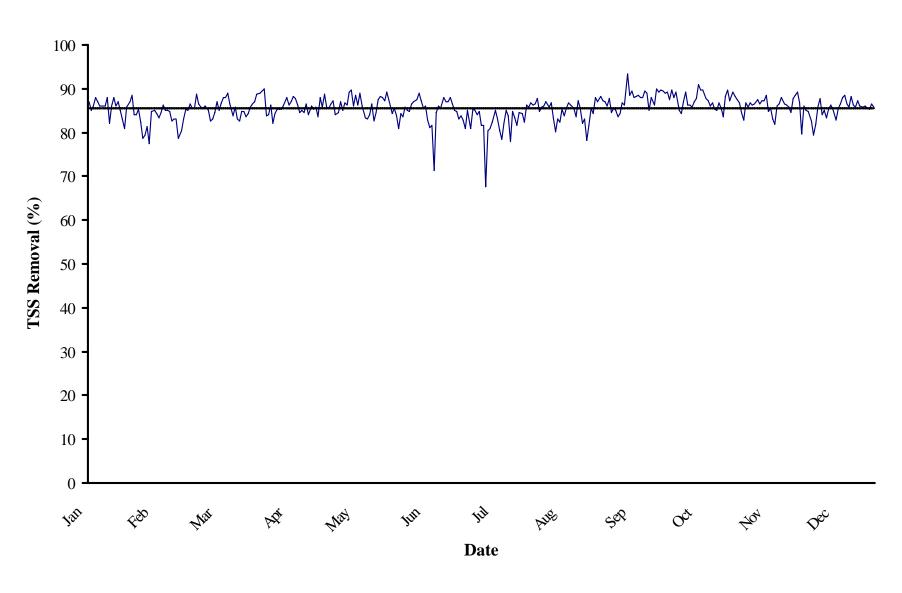
Point Loma Wastewater Treatment Plant

2002 Total Suspended Solids Removals (%) at Point Loma

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Day	% Rem											
1	84.7	84.4	85.2	88.3	84.3	83.8	84.2	85.4	86.0	86.5	86.0	85.2
2	86.9	86.5	84.4	88.7	84.1	84.2	83.1	85.8	85.9	88.7	84.4	83.9
3	85.4	85.5	84.2	88.9	85.2	85.1	86.6	87.1	84.7	86.6	81.5	83.4
4	85.4	83.0	87.7	82.8	86.1	82.3	83.5	84.7	86.3	88.6	85.6	83.5
5	84.0	82.7	85.2	83.2	83.3	85.2	86.7	85.2	83.3	83.9	84.3	82.4
6	84.4	84.3	84.9	85.4	83.5	84.2	86.1	85.4	84.8	82.9	86.0	84.5
7	85.9	81.2	84.6	81.4	86.3	84.4	85.3	85.3	84.7	85.7	85.1	80.9
8	85.5	77.1	85.2	83.7	84.2	85.0	86.1	84.9	82.8	88.4	85.3	82.8
9	85.3	77.9	84.0	84.3	86.7	86.2	83.2	86.2	84.0	85.3	86.5	83.7
10	88.7	79.6	81.5	84.1	85.7	86.7	83.1	82.9	85.5	85.2	85.6	82.0
11	85.0	75.4	81.5	85.9	88.6	88.8	80.3	79.2	85.4	84.7	86.5	84.0
12	84.6	83.1	83.1	86.0	88.9	86.8	82.6	81.9	87.1	86.0	86.3	85.2
13	81.9	83.4	86.0	87.2	84.6	86.1	82.9	80.6	87.5	86.8	87.8	84.0
14	85.8	83.2	84.5	85.1	87.0	86.1	80.8	84.4	88.7	90.0	84.2	81.2
15	86.3	83.1	85.5	85.6	85.0	82.2	86.3	83.0	87.0	88.5	84.2	84.3
16	84.8	83.5	87.4	87.5	88.3	79.7	87.2	84.6	87.0	88.8	81.9	85.6
17	85.7	85.0	87.4	87.4	84.8	80.4	83.3	85.8	87.5	86.8	80.6	87.1
18	87.2	83.9	87.7	86.3	82.5	72.2	79.6	85.2	87.0	86.1	85.1	87.3
19	86.7	83.8	86.4	82.9	82.9	84.3	81.3	84.4	86.9	85.0	85.3	85.0
20	87.4	83.4	84.3	84.4	82.9	84.9	84.2	84.4	88.7	85.5	86.8	84.3
21	87.0	80.6	85.2	83.5	85.3	84.2	82.7	86.1	87.7	84.7	85.2	87.4
22	85.4	81.8	81.9	85.6	81.0	86.8	82.9	84.6	84.0	83.9	85.3	83.3
23	87.3	76.5	82.3	83.0	83.6	86.0	83.6	81.2	86.9	85.7	84.7	84.9
24	81.8	78.6	84.0	85.1	86.7	88.0	81.9	82.5	85.3	84.2	83.5	86.0
25	85.5	81.4	84.0	84.2	87.4	85.5	80.4	83.1	89.1	82.1	86.9	84.6
26	88.0	83.8	82.3	84.6	87.2	84.1	83.7	80.4	88.3	87.3	87.3	84.5
27	86.1	83.6	83.2	82.1	86.4	83.6	83.1	84.5	88.8	88.5	88.3	84.7
28	86.8	81.0	84.9	87.2	88.3	82.1	81.3	83.2	88.4	85.7	85.8	83.8
29	84.1		86.1	84.7	86.1	82.9	84.8	87.1	88.0	88.1	87.3	82.7
30	83.7		86.0	87.4	82.9	87.4	85.2	86.2	88.2	86.8	86.7	85.4
31	84.5		88.0		84.4		86.2	86.8		86.7		84.7
	85.5	82.0	84.8	85.2	85.3	84.3	83.6	84.3	86.5	86.2	85.3	84.3
	81.8	75.4	81.5	81.4	81.0	72.2	79.6	79.2	82.8	82.1	80.6	80.9
	88.7	86.5	88.0	88.9	88.9	88.8	87.2	87.1	89.1	90.0	88.3	87.4

Avg Min Max

## Point Loma Wastewater Treatment Plant 2002 TSS Removal (%) Systemwide

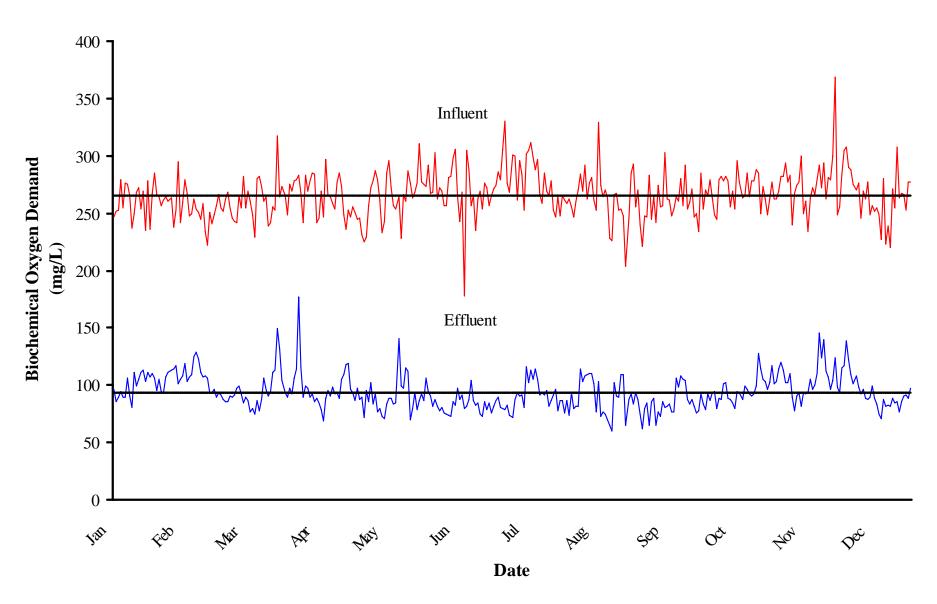


Point Loma Wastewater Treatment Plant 2002 Total Suspended Solids Removals (%) Systemwide

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Day	% Rem											
1	85.7	85.8	86.5	88.9	85.7	83.8	82.9	86.4	87.3	87.5	86.8	85.1
2	87.7	87.0	85.6	89.5	85.5	81.0	81.0	86.4	87.0	89.7	84.6	84.8
3	85.9	88.5	85.6	89.9	86.5	84.3	85.0	87.7	86.0	87.9	82.8	82.7
4	86.0	84.0	88.6	83.9	87.3	83.7	80.9	84.7	87.8	89.2	86.7	79.5
5	85.0	84.0	86.4	84.0	84.2	85.8	85.4	85.9	84.5	85.2	85.7	81.9
6	85.0	85.2	85.8	86.2	84.6	85.1	85.1	86.1	85.6	84.4	86.8	85.8
7	87.0	82.4	85.5	82.2	87.0	84.9	84.0	87.0	85.1	87.1	86.2	87.7
8	86.0	78.7	86.1	84.2	85.1	86.4	84.7	85.8	83.5	89.2	86.5	84.1
9	86.0	79.4	85.0	85.2	86.8	87.0	81.6	86.7	84.3	86.3	87.4	85.1
10	89.0	81.3	82.7	85.2	86.3	87.4	81.6	83.4	86.7	86.3	86.5	83.3
11	86.0	77.5	83.0	85.4	89.1	89.0	67.7	80.0	86.2	85.7	87.4	85.2
12	85.0	84.8	84.5	86.3	89.7	87.2	80.4	83.1	93.3	87.1	87.2	86.4
13	83.0	85.0	87.0	88.0	86.1	85.6	81.0	82.5	88.5	87.8	88.5	85.2
14	87.0	84.4	85.1	86.3	88.4	86.0	82.3	85.2	89.3	91.0	84.9	82.7
15	87.0	83.3	86.8	86.9	86.3	82.8	85.1	83.7	88.1	89.7	85.4	85.6
16	85.0	84.5	88.0	88.3	89.0	81.1	83.1	85.5	88.2	89.6	83.0	86.5
17	86.0	86.2	88.0	87.7	86.1	81.6	80.3	86.7	88.5	87.8	81.9	88.0
18	88.0	85.0	88.9	86.3	83.3	71.4	78.5	86.3	88.1	87.2	86.1	88.4
19	87.0	85.1	86.5	84.6	83.1	84.7	82.2	85.5	88.0	86.2	86.5	86.4
20	86.0	84.9	83.8	85.1	84.0	85.9	85.0	83.7	89.4	86.8	87.9	85.9
21	86.0	82.5	85.7	84.5	86.5	85.4	83.8	87.2	88.9	85.3	86.5	88.3
22	86.0	83.1	83.1	86.4	82.7	87.9	77.9	85.6	85.1	85.1	86.3	86.2
23	88.0	83.1	82.7	84.1	84.7	87.0	84.7	82.1	88.1	86.8	85.8	85.8
24	82.0	78.6	84.9	86.0	87.5	87.0	83.4	83.0	86.4	85.6	84.5	87.4
25	86.0	80.4	84.8	85.4	88.3	88.0	81.6	78.3	90.0	83.7	87.8	86.0
26	88.0	83.1	83.6	85.8	88.1	86.5	84.5	81.6	89.3	88.3	88.4	85.8
27	86.0	85.2	84.3	83.5	87.2	85.0	84.2	85.5	89.7	89.6	89.2	86.0
28	87.0	85.1	85.8	88.0	89.1	84.8	82.4	84.2	89.4	87.3	86.8	85.5
29	85.0		86.5	85.8	87.3	83.2	86.2	87.9	89.0	89.2	79.5	85.4
30	83.0		86.9	88.8	84.2	83.9	85.7	87.1	89.2	88.3	86.1	86.6
31	81.0		88.7		85.5		86.8	88.2		87.5		85.8
Ī	85.9	83.5	85.7	86.1	86.3	84.8	82.5	84.9	87.7	87.4	86.0	85.5
	81.0	77.5	82.7	82.2	82.7	71.4	67.7	78.3	83.5	83.7	79.5	79.5
	89.0	88.5	88.9	89.9	89.7	89.0	86.8	88.2	93.3	91.0	89.2	88.4

Avg Min Max

# Point Loma Wastewater Treatment Plant 2002 Biochemical Oxygen Demand

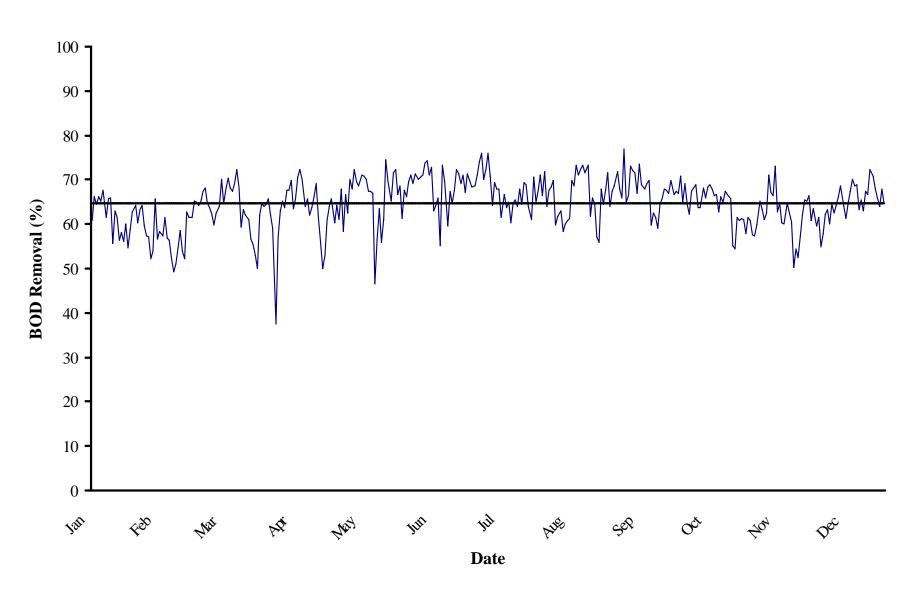


Point Loma Wastewater Treatment Plant **2002 Biochemical Oxygen Demand (mg/L)** 

	Jan	ı	Fel	b	Ma	r	Apı	r	Ma	y	Jur	1	Jul	l	Au	g	Sep	)	Oc	t	Nov	V	De	c
Day	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	245.0	90.1	267.0	110.0	257.0	89.7	249.0	89.8	251.0	86.2	273.0	106.0	271.0	81.6	261.0	75.2	256.0	93.2	254.0	83.9	262.0	101.0	284.0	115.0
2	277.0	92.6	285.0	106.0	266.0	93.1	275.0	97.5	245.0	97.2	292.0	94.5	274.0	86.4	258.0	86.7	270.0	87.8	270.0	78.6	262.0	103.0	305.0	117.0
3	260.0	88.4	266.0	95.4	255.0	91.1	269.0	91.9	246.0	87.7	267.0	90.4	286.0	89.9	262.0	74.2	240.0	75.1	265.0	92.7	269.0	114.0	308.0	139.0
4	282.0	86.6	264.0	105.0	252.0	87.8	278.0	106.0	231.0	89.9	268.0	81.4	279.0	81.0	256.0	93.2	221.0	62.3	279.0	86.5	282.0	120.0	290.0	122.0
5	215.0	82.8	257.0	94.2	262.0	85.2	279.0	114.0	225.0	71.9	303.0	87.7	306.0	79.2	247.0	80.0	248.0	79.8	263.0	93.3	282.0	113.0	288.0	109.0
6	255.0	90.8	261.0	93.5	268.0	85.5	283.0	177.0	229.0	95.6	262.0	81.3	330.0	78.9	260.0	81.9	247.0	84.2	249.0	94.1	294.0	102.0	275.0	101.0
7	270.0	87.8	264.0	107.0	255.0	90.2	267.0	115.0	257.0	85.5	272.0	78.0	276.0	82.4	270.0	81.6	283.0	65.1	245.0	79.6	277.0	102.0	270.0	108.0
8	268.0	85.8	260.0	111.0	246.0	89.3	242.0	89.4	272.0	102.0	269.0	80.7	268.0	74.0	284.0	114.0	245.0	85.9	279.0	88.6	283.0	110.0	276.0	98.0
9	260.0	88.3	263.0	113.0	243.0	91.8	283.0	98.9	278.0	83.2	257.0	75.6	301.0	72.0	269.0	103.0	264.0	88.9	282.0	87.9	240.0	89.8	246.0	92.4
10	257.0	94.9	238.0	114.0	242.0	97.5	269.0	97.4	287.0	92.2	257.0	74.5	300.0	87.2	292.0	108.0	242.0	65.3	278.0	101.0	267.0	77.3	269.0	96.1
11	233.0	82.0	253.0	117.0	265.0	99.6	278.0	89.9	279.0	76.9	281.0	73.8	261.0	93.3	262.0	109.0	274.0	76.6	282.0	102.0	274.0	90.1	262.0	88.6
12	245.0	89.8	295.0	101.0	255.0	92.0	285.0	92.2	261.0	79.7	282.0	72.5	296.0	90.7	276.0	110.0	256.0	72.9	278.0	88.8	277.0	93.2	277.0	87.1
13	252.0	105.0	242.0	105.0	282.0	84.6	284.0	85.4	233.0	72.9	298.0	85.8	284.0	91.1	281.0	110.0	257.0	85.3	256.0	87.4	300.0	81.1	249.0	89.6
14	251.0	99.1	259.0	108.0	255.0	89.7	242.0	88.1	243.0	70.3	306.0	82.9	253.0	80.9	261.0	101.0	303.0	80.2	269.0	84.7	250.0	93.2	257.0	99.7
15	247.0	96.8	279.0	119.0	269.0	86.0	246.0	84.1	285.0	83.1	264.0	97.6	302.0	116.0	253.0	76.2	262.0	81.5	254.0	79.2	260.0	92.0	252.0	88.7
16	252.0	85.5	267.0	103.0	260.0	77.0	269.0	79.0	296.0	88.6	243.0	87.0	305.0	102.0	329.0	103.0	261.0	83.7	296.0	94.6	234.0	93.0	255.0	83.4
17	253.0	89.7	248.0	107.0	249.0	79.2	247.0	68.5	272.0	88.5	268.0	91.4	312.0	113.0	274.0	73.2	248.0	76.4	277.0	93.3	263.0	105.0	249.0	74.6
18	279.0	94.7	250.0	109.0	229.0	74.7	297.0	88.8	257.0	83.7	178.0	79.7	299.0	105.0	264.0	76.6	254.0	76.6	263.0	87.9	272.0	96.0	227.0	71.0
19	255.0	89.1	262.0	125.0	280.0	86.8	265.0	95.4	254.0	84.1	305.0	81.6	288.0	114.0	270.0	75.1	264.0	106.0	265.0	98.8	266.0	100.0	280.0	87.4
20	276.0	89.1	254.0	129.0	282.0	78.1	264.0	90.6	264.0	141.0	288.0	87.2	297.0	105.0	263.0	70.1	260.0	97.8	285.0	96.5	279.0	110.0	223.0	81.8
21	275.0	106.0	251.0	123.0	273.0	87.1	258.0	98.1	228.0	99.2	257.0	104.0	266.0	91.7	228.0	65.0	280.0	108.0	264.0	92.4	292.0	145.0	239.0	82.6
22	265.0	90.8	245.0	111.0	260.0	106.0	254.0	92.1	266.0	97.3	265.0	86.3	258.0	92.9	226.0	60.4	257.0	105.0	278.0	90.4	272.0	124.0	220.0	81.7
23	237.0	80.6	258.0	107.0	264.0	96.8	277.0	93.5	260.0	115.0	235.0	82.7	285.0	91.3	266.0	102.0	292.0	104.0	278.0	92.8	294.0	140.0	271.0	88.3
24	250.0	111.0	234.0	108.0	239.0	90.6	285.0	88.0	287.0	112.0	262.0	84.8	269.0	95.5	267.0	90.8	254.0	87.3	288.0	99.2	262.0	112.0	255.0	84.9
25	268.0	99.1 105.0	222.0 251.0	106.0 93.7	242.0 256.0	94.3 111.0	273.0 249.0	105.0 109.0	276.0 263.0	70.2 80.0	269.0 254.0	74.9 72.6	265.0 278.0	81.4 86.5	253.0 254.0	89.7 109.0	259.0 271.0	83.1 87.6	285.0 250.0	128.0 114.0	281.0 279.0	107.0 96.4	308.0 263.0	85.1 76.5
26 27	272.0 254.0	111.0	241.0	93.7	253.0	111.0	236.0	118.0	268.0	93.6	276.0	85.5	253.0	91.1	248.0	109.0	247.0	81.7	273.0	105.0	300.0	104.0	267.0	85.5
28	269.0	111.0	241.0	96.0	317.0	149.0	253.0	119.0	276.0	78.4	270.0	78.5	247.0	91.1	203.0	65.0	250.0	75.3	262.0	103.0	369.0	124.0	266.0	90.7
28	235.0	103.0	249.0	90.0	264.0	132.0	247.0	96.6	311.0	86.5	257.0	84.6	264.0	77.9	246.0	87.6	234.0	77.9	249.0	96.3	249.0	97.8	253.0	91.1
30	278.0	111.0			273.0	104.0	256.0	93.2	277.0	92.2	265.0	75.7	248.0	86.9	285.0	92.3	285.0	92.5	262.0	102.0	256.0	97.8	277.0	88.7
31	236.0	107.0			265.0	93.3	230.0	93.2	277.0	86.3	203.0	13.1	265.0	86.6	293.0	83.2	203.0	92.3	277.0	117.0	230.0	93.2	277.0	97.7
	257.1	95.0	256.6	107.5	260.6	94.4	265.3	98.4	263.0	89.4	268.2	84.0	280.2	90.4	263.3	88.9	259.5	84.2	269.5	94.8	274.9	104.3	265.7	93.6
Avg Min	215.0	80.6	222.0	93.1	229.0	74.7	236.0	68.5	205.0	70.2	178.0	72.5	247.0	72.0	203.3	60.4	239.3	62.3	245.0	78.6	234.0	77.3	220.0	71.0
Max	282.0	113.0	295.0	129.0	317.0	149.0	297.0	177.0	311.0	141.0	306.0	106.0	330.0	116.0	329.0	114.0	303.0	108.0	296.0	128.0	369.0	145.0	308.0	139.0
IVIAA	202.0	115.0	275.0	127.0	317.0	177.0	271.0	177.0	311.0	171.0	500.0	100.0	330.0	110.0	347.0	117.0	303.0	100.0	270.0	120.0	307.0	175.0	500.0	137.0

**BOLD=**Batches failed QC on these dates. Used median BOD values from 2001, instead of result value.

# Point Loma Wastwater Treatment 2002 BOD Removal (%) at Point Loma



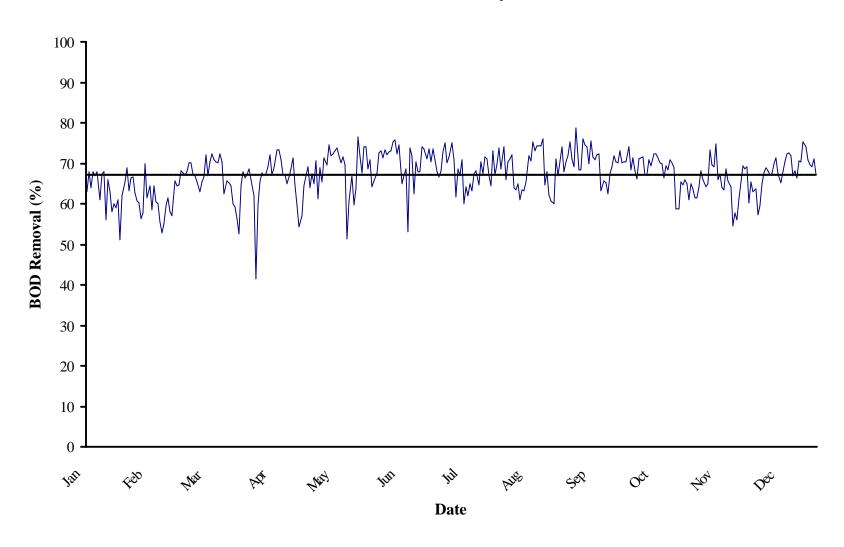
Point Loma Wastewater Treatment Plant 2002 Biochemical Oxygen Demand Removals (%) at Point Loma

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Day	% Rem											
1	63.2	58.8	65.1	63.9	65.7	61.2	69.9	71.2	64.0	67.0	61.5	59.5
2	66.6	62.8	65.0	64.5	60.3	67.6	68.5	66.4	67.5	70.9	60.7	61.6
3	66.0	64.1	64.3	65.8	64.3	66.1	68.6	71.7	68.7	65.0	57.6	54.9
4	69.3	60.2	65.2	61.9	61.1	69.6	71.0	64.0	71.8	69.0	57.4	57.9
5	61.5	63.3	67.5	59.1	68.0	71.1	74.1	67.6	67.8	64.5	59.9	62.2
6	64.4	64.2	68.1	37.5	58.3	69.0	76.1	68.5	65.9	62.2	65.3	63.3
7	67.5	59.5	64.6	56.9	66.7	71.3	70.1	69.8	77.0	67.5	63.2	60.0
8	68.0	57.3	63.7	63.1	62.5	70.0	72.4	59.9	64.9	68.2	61.1	64.5
9	66.0	57.0	62.2	65.1	70.1	70.6	76.1	61.7	66.3	68.8	62.6	62.4
10	63.1	52.1	59.7	63.8	67.9	71.0	70.9	63.0	73.0	63.7	71.0	64.3
11	64.8	53.8	62.4	67.7	72.4	73.7	64.3	58.4	72.0	63.8	67.1	66.2
12	63.3	65.8	63.9	67.6	69.5	74.3	69.4	60.1	71.5	68.1	66.4	68.6
13	58.3	56.6	70.0	69.9	68.7	71.2	67.9	60.9	66.8	65.9	73.0	64.0
14	60.5	58.3	64.8	63.6	71.1	72.9	68.0	61.3	73.5	68.5	62.7	61.2
15	60.8	57.3	68.0	65.8	70.8	63.0	61.6	69.9	68.9	68.8	64.6	64.8
16	66.1	61.4	70.4	70.6	70.1	64.2	66.6	68.7	67.9	68.0	60.3	67.3
17	64.5	56.9	68.2	72.3	67.5	65.9	63.8	73.3	69.2	66.3	60.1	70.0
18	66.1	56.4	67.4	70.1	67.4	55.2	64.9	71.0	69.8	66.6	64.7	68.7
19	65.1	52.3	69.0	64.0	66.9	73.2	60.4	72.2	59.8	62.7	62.4	68.8
20	67.7	49.2	72.3	65.7	46.6	69.7	64.6	73.3	62.4	66.1	60.6	63.3
21	61.5	51.0	68.1	62.0	56.5	59.5	65.5	71.5	61.4	65.0	50.3	65.4
22	65.7	54.7	59.2	63.7	63.4	67.4	64.0	73.3	59.1	67.5	54.4	62.9
23	66.0	58.5	63.3	66.2	55.8	64.8	68.0	61.7	64.4	66.6	52.4	67.4
24	55.6	53.8	62.1	69.1	61.0	67.6	64.5	66.0	65.6	65.6	57.3	66.7
25	63.0	52.3	61.0	61.5	74.6	72.2	69.3	64.5	67.9	55.1	61.9	72.4
26	61.4	62.7	56.6	56.2	69.6	71.4	68.9	57.1	67.7	54.4	65.4	70.9
27	56.3	61.4	55.3	50.0	65.1	69.0	64.0	56.0	66.9	61.5	65.3	68.0
28	58.0	61.4	53.0	53.0	71.6	71.1	61.0	68.0	69.9	60.7	66.4	65.9
29	56.2		50.0	60.9	72.2	67.1	70.5	64.4	66.7	61.3	60.7	64.0
30	60.1		61.9	64.0	66.7	71.4	65.0	67.6	67.5	61.1	63.6	68.0
31	54.7		64.8		68.6		67.3	71.6		57.8		64.7
	62.9	58.0	63.8	62.9	65.8	68.4	67.7	66.3	67.5	64.8	62.0	64.8
	54.7	49.2	50.0	37.5	46.6	55.2	60.4	56.0	59.1	54.4	50.3	54.9
	69.3	65.8	72.3	72.3	74.6	74.3	76.1	73.3	77.0	70.9	73.0	72.4

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Avg Min Max

# Point Loma Wastewater Treatment Plant 2002 BOD Removal (%) Systemwide

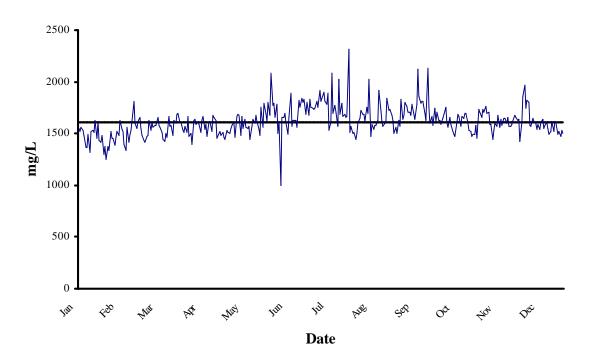


Point Loma Wastewater Treatment Plant 2002 Biochemical Oxygen Demand Removals (%) Systemwide

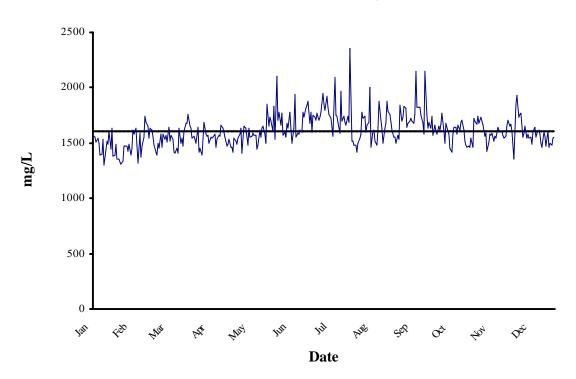
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Day	% Rem											
1	66.4	62.0	68.1	66.5	69.1	64.1	70.8	73.8	68.0	70.3	64.8	62.9
2	68.6	65.4	67.7	67.2	63.8	65.7	68.0	68.8	70.3	74.1	63.7	63.7
3	68.2	69.0	67.1	68.7	67.4	67.7	66.7	74.1	71.9	68.4	61.6	57.3
4	71.0	63.3	68.0	64.7	64.9	72.6	68.1	66.0	75.2	71.3	61.4	59.4
5	64.0	66.4	70.2	62.0	70.7	73.2	72.7	70.3	71.1	68.2	64.3	64.8
6	66.1	66.8	70.2	41.6	61.3	71.3	75.0	71.2	69.2	66.1	68.0	67.7
7	69.1	62.6	67.2	59.7	69.0	73.3	70.2	72.0	78.7	71.2	65.9	68.8
8	70.0	60.7	66.8	65.3	65.4	72.1	71.7	63.9	68.4	71.3	64.2	68.2
9	68.0	60.3	65.4	67.6	71.4	72.9	75.0	63.4	68.4	71.7	65.0	67.1
10	66.0	56.3	63.0	66.9	69.5	73.0	70.9	65.0	76.1	67.2	73.3	67.5
11	67.0	57.7	65.5	67.5	74.5	75.3	61.7	61.0	74.6	67.1	69.6	70.0
12	65.0	69.8	66.6	69.2	71.9	75.9	68.6	63.5	74.0	71.0	69.3	71.2
13	60.0	61.4	72.1	72.2	72.4	72.3	67.0	63.2	70.0	69.4	74.9	67.4
14	62.0	64.4	66.9	67.1	73.1	74.5	70.8	65.3	75.6	72.3	65.9	65.2
15	63.0	58.6	70.5	68.8	73.8	65.1	60.1	72.0	71.5	72.4	67.5	67.9
16	68.0	64.4	72.5	73.3	71.9	66.9	64.1	70.6	70.9	71.4	64.0	70.3
17	64.0	60.5	70.8	73.3	70.0	68.6	61.9	75.3	72.1	70.0	63.4	72.3
18	68.0	59.9	70.3	70.9	71.7	53.2	65.0	73.1	72.2	69.8	68.5	72.6
19	67.0	55.5	70.2	67.3	69.5	73.8	63.2	74.4	63.2	66.3	65.6	71.8
20	68.0	53.0	72.2	67.2	51.4	71.9	67.5	74.4	65.7	69.3	64.1	66.8
21	61.0	55.0	70.3	65.1	60.8	62.6	68.1	74.4	65.2	68.5	54.5	68.1
22	67.4	59.5	62.4	66.7	66.9	70.5	64.7	76.0	62.6	70.7	57.7	66.3
23	68.0	61.5	65.7	68.8	59.6	68.0	70.4	64.7	67.4	70.1	56.0	70.6
24	56.0	57.9	65.3	71.4	63.7	68.0	67.5	67.9	69.1	68.8	61.3	70.4
25	66.0	57.1	64.4	64.6	76.6	74.0	71.6	62.1	71.9	58.8	65.3	75.3
26	63.0	65.7	60.1	59.4	71.7	73.5	71.1	60.8	70.4	58.8	69.3	74.1
27	58.0	64.6	59.3	54.3	67.7	71.2	67.3	60.0	70.0	65.5	68.7	70.9
28	60.0	64.7	56.2	57.0	74.1	73.6	64.5	71.1	73.0	64.7	69.2	69.7
29	59.0		52.7	64.5	74.0	70.3	73.2	66.9	70.2	66.0	60.3	69.2
30	61.0		64.5	67.0	68.5	73.6	67.3	70.3	70.3	65.0	65.4	71.1
31	51.0		67.8		71.0		69.5	74.1		61.0		67.5
Ī	64.5	61.6	66.5	65.5	68.6	70.3	68.2	68.7	70.6	68.3	65.1	68.3
	51.0	53.0	52.7	41.6	51.4	53.2	60.1	60.0	62.6	58.8	54.5	57.3
	71.0	69.8	72.5	73.3	76.6	75.9	75.0	76.0	78.7	74.1	74.9	75.3

Avg Min

# Point Loma Influent 2002 Total Dissolved Solids (mg/L)



# Point Loma Effluent 2002 Total Dissolved Solids (mg/L)



# Point Loma Wastewater Treatment Plant 2002 Total Dissolved Solids (mg/L)

	Jar	1	Fel	b	Ma	ır	Ap	r	Ma	y	Ju	1	Jul	1	Au	g	Sej	p	Oc	t _	No	v	De	c
Day	Inf	Eff																						
1	1580	1440	1480	1490	1550	1560	1510	1560	1440	1420	1800	1830	1830	1750	1500	1480	1560	1550	1710	1660	1710	1700	1610	1580
2	1450	1580	1300	1350	1480	1480	1570	1530	1530	1540	1680	1530	1750	1730	1510	1480	1500	1500	1630	1610	1660	1670	1860	1850
3	1500	1460	1380	1350	1430	1420	1510	1500	1510	1520	2080	2100	1740	1710	1440	1420	1630	1570	1630	1580	1730	1740	1970	1930
4	1330	1320	1250	1330	1410	1390	1670	1640	1500	1490	1770	1710	1730	1770	1500	1500	1570	1530	1590	1650	1710	1680	1740	1730
5	1380	1380	1380	1310	1470	1500	1470	1420	1550	1540	1790	1780	1740	1710	1600	1540	1830	1840	1650	1620	1760	1730	1820	1760
6	1310	1320	1340	1340	1480	1450	1500	1450	1580	1580	1660	1660	1810	1730	1650	1580	1640	1700	1690	1670	1700	1700	1800	1770
7	1410	1470	1520	1470	1630	1580	1400	1390	1610	1630	1780	1770	1750	1780	1720	1780	1680	1730	1750	1770	1710	1670	1580	1550
8	1510	1470	1450	1470	1530	1460	1630	1530	1460	1410	1500	1570	1920	1950	1690	1720	1800	1830	1610	1610	1590	1560	1570	1590
10	1530	1540	1450	1470	1610	1580	1640	1690	1670	1650	1620	1600	1810	1850	1690	1740	1760	1810	1560	1500	1590	1590	1650	1650
10 11	1690	1650 1620	1390 1460	1430 1490	1560 1580	1530 1570	1590 1610	1580 1560	1690 1680	1640 1630	1000 1660	1550 1680	1840 1900	1800 1920	1620 1750	1600	1710 1710	1640 1680	1660 1590	1680 1610	1440 1530	1430 1510	1620 1600	1540
	1600						1590		1480						1700	1660								1580
12 13	1500 1620	1520 1570	1520 1480	1390 1450	1580 1660	1510 1640	1510	1570 1500	1670	1480 1630	1660 1700	1630 1780	1810 1780	1820 1760	2030	1690 2000	1680 1780	1700 1720	1520 1490	1580 1450	1600 1570	1580 1570	1540 1590	1540 1550
14	1500	1510	1630	1620	1580	1520	1630	1550	1550	1550	1610	1620	1890	1700	1470	1460	1690	1720	1490	1420	1680	1570	1540	1490
15	1550	1560	1540	1580	1560	1570	1670	1540	1640	1560	1490	1500	1530	1640	1590	1610	1640	1680	1610	1580	1560	1520	1610	1600
16	1520	1550	1520	1630	1510	1530	1540	1550	1560	1590	1660	1630	1610	1560	1540	1620	1780	1760	1690	1640	1640	1560	1640	1640
17	1560	1510	1400	1480	1440	1420	1590	1580	1550	1570	1890	1940	2080	2090	1580	1520	2120	2150	1670	1640	1580	1540	1550	1550
18	1530	1540	1340	1320	1420	1410	1470	1460	1570	1570	1570	1550	1700	1750	1580	1480	1860	1820	1570	1580	1650	1640	1580	1590
19	1480	1500	1560	1590	1500	1450	1610	1530	1440	1440	1630	1590	1770	1740	1630	1610	1790	1820	1670	1660	1650	1620	1610	1620
20	1370	1390	1410	1370	1460	1410	1620	1570	1570	1480	1630	1580	1710	1690	1920	1880	1810	1820	1650	1620	1600	1600	1550	1580
21	1370	1400	1490	1470	1670	1630	1520	1560	1640	1620	1630	1620	1570	1590	1720	1710	1810	1750	1700	1690	1660	1610	1490	1500
22	1490	1530	1530	1550	1570	1500	1680	1660	1600	1550	1560	1600	2030	1970	1620	1630	1700	1690	1700	1710	1570	1570	1520	1460
23	1320	1300	1710	1740	1580	1540	1660	1630	1680	1630	1820	1780	1690	1700	1570	1500	1630	1580	1610	1620	1570	1540	1620	1600
24	1520	1440	1810	1690	1480	1470	1630	1600	1620	1650	1750	1730	1790	1740	1600	1630	2130	2150	1530	1520	1590	1560	1520	1560
25	1530	1520	1600	1650	1630	1610	1450	1550	1540	1580	1840	1810	1670	1690	1610	1680	1750	1760	1520	1480	1630	1650	1620	1470
26	1510	1490	1550	1540	1600	1680	1500	1470	1480	1500	1800	1840	1690	1660	1840	1880	1600	1630	1470	1460	1680	1710	1610	1610
27	1630	1610	1620	1630	1690	1680	1520	1490	1750	1850	1830	1880	1660	1740	1720	1790	1670	1690	1490	1470	1660	1650	1490	1460
28	1450	1440	1660	1620	1700	1760	1480	1530	1560	1650	1690	1680	1670	1690	1730	1760	1580	1630	1490	1460	1630	1670	1520	1500
29	1620	1630			1610	1650	1510	1460	1790	1730	1800	1780	2320	2360	1680	1690	1740	1740	1580	1540	1640	1610	1470	1480
30	1430	1380			1610	1630	1460	1460	1700	1700	1680	1600	1510	1520	1630	1620	1620	1570	1450	1460	1420	1350	1530	1540
31	1410	1390			1530	1540			1620	1610			1570	1520	1500	1550			1730	1720			1500	1550
Avg	1490	1485	1492	1494	1552	1538	1558	1537	1588	1580	1686	1697	1770	1763	1643	1639	1726	1725	1603	1589	1624	1604	1610	1594
Min	1310	1300	1250	1310	1410	1390	1400	1390	1440	1410	1000	1500	1510	1520	1440	1420	1500	1500	1450	1420	1420	1350	1470	1460
Max	1690	1650	1810	1740	1700	1760	1680	1690	1790	1850	2080	2100	2320	2360	2030	2000	2130	2150	1750	1770	1760	1740	1970	1930

# D. Toxicity Bioassays

# **Toxicity Testing: Point Loma Ocean Outfall 2002**

## 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. 95-106). The permit was renewed (Order No. R9-2002-0025) by U.S. EPA and 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 2002.

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 lifestage 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, effluent composite samples were collected at the Point Loma Wastewater Treatment Plant and stored at 4EC until test initiation. All tests were initiated within 36 hours of sample collection. The acute toxicity test concentrations were 18, 32, 56, 75, and 100% effluent for the fathead minnow and *Ceriodaphnia* (water flea) tests, and 3.87, 7.75, 15.5, 31.0, and 62% (nominal) for the topsmelt and mysid tests. Dilution water for the effluent acute toxicity bioassays consisted of carbon filtered, aerated, and dechlorinated tap water for the fathead minnow tests, and dilute mineral water for the *Ceriodaphnia* tests. Dilution water for the acute topsmelt and mysid tests consisted of the same receiving water used in the chronic toxicity tests.

Chronic toxicity test concentrations were 0.15, 0.27, 0.49, 0.88, and 1.56% effluent. The protocols for the chronic 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 2002) and used within 96 hours of collection. The receiving water samples were collected from a depth of 2 m and stored at 4EC until test initiation. Dilution water for chronic reference toxicant testing was obtained from the Scripps Institution of Oceanography (SIO), filtered, held at 4EC, and used within 96 hours of collection. Detailed methodology for all toxicity testing are described in the City Bioassay Lab Standard Operating Procedures Manual.

# **Acute Bioassays**

# Fathead Minnow Survival Bioassay

Fathead minnow acute bioassays were conducted in accordance with USEPA protocol EPA/600/4-85/013 (USEPA 1985). The test organisms, *Pimephales promelas*, were purchased from Aquatic Bio Systems (Fort Collins, Colorado). Juvenile fish approximately 60-90 days old were exposed for 96 hours to the test material while being kept in a static non-renewal system where the test solutions were aerated, but otherwise left undisturbed throughout the test period.

Simultaneous reference toxicant testing was performed using sodium dodecyl sulfate (SDS). Test concentrations were 10, 18 and 32 mg/L SDS. Upon the 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 linear interpolation method prescribed by USEPA (1985). ToxCalc software (Tidepool

Scientific Software 1994) was used for all statistical analyses.

#### Ceriodaphnia Survival Bioassay

Ceriodaphnia acute bioassays were conducted in accordance with USEPA protocol EPA/600/4-90/027F (USEPA 1993). The test organisms, Ceriodaphnia dubia, were cultured in-house at the bioassay laboratory. Newly released (< 24 hr) neonates were exposed for 48 hours to a series of effluent and reference toxicant concentrations while being kept in a static system.

Simultaneous reference toxicant testing was performed using reagent grade copper chloride. The concentrations of copper in the exposure series were 3, 6, 12, 24, and 48 Fg/L. 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 1994) was used for all statistical analyses.

#### Topsmelt Survival Bioassay

The topsmelt acute bioassays were conducted in accordance with USEPA protocol EPA/600/4-90/027F (USEPA 1993) by EVS Environment consultants (N. Vancouver, BC) and the City's bioassay laboratory. Larval Atherinops affinis (9-14 days old) were purchased from Aquatic Bio Systems (Fort Collins, CO), and were exposed for 48 hours in a static system or 96 hours in a static renewal system to 3.83, 7.75, 15.5, 31.0, and 62% effluent (nominal). For the 96 hours tests, the 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 Fg/L copper. Dilution water for chronic reference toxicant testing was obtained from SIO, filtered, held at 4EC, 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 1994) was used for all statistical analyses.

# Mysid Survival Bioassay

The mysid acute bioassay was conducted in accordance with USEPA protocol EPA/600/4-90/027F (USEPA 1993) by EVS Environment consultants (N. Vancouver, BC) and the City's bioassay laboratory. Larval Mysidopsis bahia (4-5 days old) were purchased from Aquatic Bio Systems (Fort Collins, CO), and were exposed for 48 hours in a static system to 3.83, 7.75, 15.5, 31.0, and 62% effluent (nominal). For the 96 hours tests, the 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 Fg/L copper. Dilution water for chronic reference toxicant testing was obtained from SIO filtered, held at 4EC, 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 1994) 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 Fg/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 1994) 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 15EC. 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 Fg/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 1994) was used for all statistical analyses.

# Topsmelt Survival and Growth Bioassay

Chronic bioassays using larvae of the topsmelt, *Atherinops affinis*, were conducted in accordance with USEPA protocol EPA/600/R-95/136 (USEPA 1995). Topsmelt larvae were purchased from Aquatic Bio Systems (Fort Collins, CO), and shipped via overnight delivery to the City's bioassay laboratory. Prior to test initiation, the test organisms were held in seawater tanks and gradually acclimated to test temperature and salinity. The bioassays were subsequently initiated when the topsmelt larvae were 9-14 days old. Larval fish were then exposed to a series of effluent and reference toxicant concentrations for a period of seven days while being maintained in a static renewal system. The test solutions were renewed daily.

Reference toxicant testing was performed using reagent grade copper chloride. The concentrations of copper in the exposure series were 32, 56, 100, 180, and 320 Fg/L. A separate control consisting of SIO dilution water was also tested. Upon conclusion of the exposure period, the percent survival and the percent growth (i.e., weight gain) of larval fish were recorded.

The survival data were arcsine square root transformed and then analyzed in accordance with the "Flowchart for statistical analysis of the topsmelt, *Atherinops affinis*, larval survival data" (USEPA 1995). Growth data were analyzed in accordance with the "Flowchart for statistical analysis of the topsmelt, *Atherinops affinis*, larval growth data" (USEPA 1995). ToxCalc software (Tidepool Scientific Software 1994) was used for all statistical analyses.

#### **RESULTS & DISCUSSION**

#### **Acute Bioassays**

The City conducted acute bioassays from January to April 2002 using both Fathead minnows (*Pimephales promelas*) and freshwater water fleas (*Ceriodaphnia dubia*) in accordance with Order No. 95-106. One additional *Ceriodaphnia* bioassay was performed in May immediately prior to adoption of Order No. R9-2002-0025. The toxic unit acute (TUa) values for the fathead minnows averaged 1.2 TUa and were within established NPDES limits throughout 2002 (Table T.2). In contrast, the *Ceriodaphnia* tests averaged 1.3 TUa for the year and exceeded the NPDES permit limits on several occasions, most notably in the 30-day average category (Table T.3). The *Ceriodaphnia* acute toxicity tests were conducted on a weekly basis to better characterize the persistence and source of toxicity. The increased test frequency did not produce a discernable pattern of toxicity as the incidences of toxicity were clearly sporadic and short-lived.

As stated in the City's 2000 receiving water monitoring report (City of San Diego 2001), the State of California has revised acute testing procedures for ocean dischargers. The new California Ocean Plan (COP) requires utilization of marine species instead of freshwater species. The document was approved by the Office of Administrative Law (OAL) and the EPA in December of 2001. The new COP requirements were incorporated into Order No. R9-2002-0025, and the City revised the acute test frequency and duration of the marine species (i.e., topsmelt, *Atherinops affinis* and mysid, *Mysidopsis bahia*) in May 2002 in response to the new permit. All tests demonstrated complete compliance with the new standards (Table T.4).

# **Chronic Bioassays**

An annual screening of three species was conducted to verify sensitivity of the selected test organisms to Point Loma effluent. Giant kelp (*Macrocystis pyrifera*), red abalone (*Haliotis rufescens*), and topsmelt (*Atherinops affinis*) were screened and the results of these comparative bioassays are summarized in Table T.1. The results indicated equal sensitivity among all species. Subsequent chronic bioassays on effluent samples were conducted using both giant kelp and abalone since the giant kelp has been the most sensitive species in previous years and the red abalone remains ecologically important to the region.

The giant kelp and red abalone chronic toxicity tests conducted during 2002 are summarized in Table T.5. All red abalone tests were within compliance limits. The City began bi-weekly accelerated testing in November 2001 after the giant kelp test exceeded the compliance limit. The bi-weekly testing continued through July 2002 and the results revealed sporadic toxicity which may have been associated with operational reconfiguration of the NPDES sampling location and plant maintenance operations at PLWTP. All kelp tests were within established NPDES limits for the remainder of 2002.

#### LITERATURE CITED

- City of San Diego. (2000). Standard Operating Procedure Manual for Bioassay Testing. Metropolitan Wastewater Department, Environmental Monitoring and Technical Services Division, San Diego, CA.
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Table T.1 Results of the chronic screening bioassays conducted during April 2002 to verify the sensitivity of the selected test organisms. Data are presented as No Observed Effect Concentration (NOEC)

Chronic		
Test Species	<b>End-point Determination</b>	Test Results (NOEC)
Giant Kelp	Percent germination	1.56
	Germ-tube length	1.56
Red Abalone	Percent normal development	1.56
Topsmelt	Percent survival	1.56
	Growth	1.56

Table T.2 Results and compliance summary for the acute toxicity testing of Point Loma Wastewater Plant effluent using the fathead minnow, Pimephales promelas, from January to April 2002. Data are presented in toxic unit acute (TUa) values. Numbers in parentheses indicate NPDES limits.

	Daily	7-day average	30-day average
Sample Date	(2.5)	(2.0)	(1.5)
9-Jan	1.1	1.1	1.1
2-Feb	1.1	1.1	1.1
14-Mar	1.5	1.5	1.5
16-Apr	1.0	1.0	1.0
N	4	4	4
No. in Compliance	4	4	4

Table T.3 Results and compliance summary for the acute toxicity testing of Point Loma Wastewater Plant effluent using the water flea, *Ceriodaphnia dubia*, from January to May 2002. Data are presented in toxic unit acute (TUa) values. Numbers in parentheses indicate NPDES limits.

	Daily	7-day average	30-day average
Sample Date	(2.5)	(2.0)	(1.5)
2-Jan	1.5	2.4	1.6
9-Jan	1.1	1.1	1.7
15-Jan	1.2	1.2	1.6
23-Jan	1.6	1.6	1.7
29-Jan	1.2	1.4	1.3
2-Feb	1.4	1.3	1.3
15-Feb	1.1	1.1	1.3
22-Feb	1.4	1.4	1.3
26-Feb	2.0	1.7	1.4
5-Mar	1.7	1.7	1.6
11-Mar	1.2	1.5	1.5
14-Mar	1.3	1.3	1.5
20-Mar	0.9	1.1	1.4
27-Mar	1.5	1.5	1.4
3-Apr	1.3	1.3	1.3
10-Apr	1.1	1.1	1.2
16-Apr	0.9	1.0	1.1
23-Apr	1.1	1.1	1.2
3-May	1.6	1.6	1.2
N	19	19	19
No. in compliance	19	18	14

Table T.4 Results and compliance summary of acute bioassays conducted during 2002 using the new California Ocean Plan approved marine species. Data are presented in toxic unit acute (TUa) values. The new California Ocean Plan compliance limit will be 6.5 TUa. All tests were conducted with B-8 receiving water as dilution unless otherwise indicated. N.T. = Not tested

Sample Date	Topsmelt 48-Hour Bioassay	Mysid 48-Hour Bioassay
	48 h Static Non-Renewal	
9-Jan	1.6	0.8
2-Feb	2.1	1.3
14-Mar	2.7	3.4
16-Apr	<1.5	<1.5
Sample Date	Topsmelt 48-Hour Bioassay	Mysid 48-Hour Bioassay
	96 h Static Renewal	
12-Jul	1.5	1.5
8-Oct	2.1	-
8-Oct	2.1	-

Table T.5 Results of chronic toxicity testing of Point Loma Wastewater Plant effluent from January to December 2002. Data are presented in toxic unit chronic (TUc) values. NPDES permit limit is 205 Tuc. N.T. = Not tested. N.V. =  $\dot{N}$ ot valid

	Giant Ke	lp Bioassay	Red Abalone Bioassay
Sample date	% Germination	Germ-tube Length	% Normal Developmen
9-Jan	64	64	64
16-Jan	64	64	
2-Feb	114	>667	64
8-Feb	64	64	
13-Feb <sup>1</sup>	64	>667	
26-Feb	64	64	
26-Feb <sup>1</sup>	64	64	
14-Mar	64	64	64
14-Mar <sup>1</sup>	64	64	
26-Mar	64	64	
26-Mar <sup>1</sup>	114	>667	
7-Apr	64	64	64
23-Apr	64	64	
9-May	114	64	64
22-May	64	114	
2-Jun	64	64	64
18-Jun	64	64	
12-Jul	64	667	64
23-Jul	64	64	
5-Aug	64	64	64
6-Sep	64	64	64
8-Oct	64	114	64
5-Nov	64	64	64
3-Dec	64	64	64
N	24	24	12
No in compliance	24	20	12
Mean TUc	70	169	64

<sup>&</sup>lt;sup>1</sup>Sample collected in North Effluent Outfall Channel

E. 6-Year Tables.

E. 0-	rear ra	oies.															_							
						Result	ts of the	determ	ination					ekly ba	sis for t	he past	6-years.							
				EED				400			ARSENIC		997			4110		oen.		0.07		NOV		DEO
\M/I-	16	JAN	16	FEB	16	MAR	16	APR	16	MAY	16	JUN	16	JUL	16	AUG	16	SEP	16	OCT	16	NOV	16	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	2.1	1.3	2.3	1.3	1.4	1.1	1.8	1.3	2.6	1.3	2.1	1.6	2.8	2.2	2.1	0.7	2.7	2.0	2.8	1.6	2.8	1.6	1.3	1.1
3	2.2 2.5	1.4 1.5	2.6 1.7	1.2 1.1	2.0 2.0	2.3 2.4	2.2 2.4	1.4 1.8	2.1 2.6	1.6 1.8	2.2 2.0	1.9 1.6	3.5 2.9	1.5 1.5	1.4 1.2	0.8 0.8	2.6 2.6	2.6 1.7	2.3 2.1	1.4 1.9	2.2 2.1	1.6 1.5	1.0 1.4	1.0 1.0
4	4.6	1.8	2.1	1.1	1.6	1.2	2.4	1.0	2.0	2.1	2.0	1.4	2.7	1.3	1.3	1.1	2.0	1.7	3.2	1.8	2.1	1.7	1.5	0.7
Average	2.8	1.5	2.1	1.3	1.7	1.8	2.1	1.5	2.4	1.7	2.1	1.6	2.7	1.6	1.5	0.8	2.6	2.1	2.6	1.6	2.4	1.6	1.3	1.0
Average	2.0	1.5	2.2	1.3	1.7	1.0	2.1	1.5	2.4	1.7	۷.۱	1.0	2.7	1.0	1.5	0.0	2.0	2.1	2.0	1.0	2.4	1.0	1.5	1.0
										A	ARSENIC	(ua/L) 1	998											
		JAN		FEB		MAR		APR		MAY		, JUŃ		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	1.8	1.0	2.6	1.3	2.1	1.6	2.0	1.2	1.9	0.9	1.5	0.9	1.7	1.2	2.3	1.3	2.2	1.2	2.1	1.2	1.9	1.3	3.6	1.2
2	1.8	0.8	3.3	1.3	1.9	1.2	1.8	1.1	2.2	1.2	1.3	1.1	1.9	1.2	2.4	1.5	3.2	1.3	2.2	1.0	1.5	1.2	2.1	1.6
3	1.8	0.8	2.8	2.3	1.9	1.4	1.4	0.9	1.6	0.9	1.3	1.1	1.7	1.2	2.2	1.4	2.9	1.4	2.3	1.6	2.1	1.1	1.3	0.8
4	2.8	1.1			2.1	1.0	1.4	0.8	1.4	1.1	1.8	0.7			2.4	1.4	1.9	1.2	2.0	1.1	1.8	1.1	1.4	0.7
Average	2.0	0.9	2.9	1.6	2.0	1.3	1.7	1.0	1.8	1.0	1.5	1.0	1.7	1.2	2.3	1.4	2.6	1.3	2.1	1.2	1.9	1.2	2.1	1.1
										_														
		1001		FED		MAD		455			ARSENIC		999			A		CED		007		NOV		DEO
\M/I-	16	JAN	16	FEB	16	MAR	16	APR	16	MAY	16	JUN	16	JUL	16	AUG	16	SEP	16	OCT	16	NOV	16	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	1.5	0.8	1.8	1.0	1.4	0.8	1.3	0.8	1.3	0.9	1.7	1.0	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 3	1.6 1.6	0.8 0.9	1.7 1.6	0.8 0.8	1.6 1.4	0.9 0.8	1.6 1.7	1.0 0.7	1.6 1.5	0.9 1.2	1.9 1.5	1.2 1.0	2.0 1.6	1.2 1.1	2.0 1.9	1.1 1.1	1.7 1.8	1.1 1.2	1.6 2.1	1.2 1.4	1.9 2.0	1.0 1.2	1.5 1.2	1.0 1.0
4	1.0	0.9	1.7	1.1	2.9	1.3	2.0	1.1	1.5	1.2	1.5	1.0	1.5	1.1	1.7	1.1	1.4	1.2	2.1	1.4	2.0	1.2	1.2	0.9
Average	1.6	0.8	1.7	0.9	2.0	1.3	1.7	0.9	1.5	1.0	1.6	1.1	1.7	1.2	1.8	1.1	1.7	1.1	1.9	1.3	1.8	1.0	1.4	0.9
7.11 S. tags		0.0		0.,	2.0			0.,					•••						***					0.,
										P	ARSENIC	(ug/L) 2	000											
		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	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	1.0	1.3	1.1	1.6	0.9	1.0	0.4
2	1.5	0.7	1.4	1.0	1.2	0.8	1.5	0.9	1.5	<0.2	1.4	1.1	1.5	0.8	1.1	1.0	1.3	1.0	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	0.7	0.8	0.7	1.4	1.0	1.3	0.9	1.0	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
Average	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	1.0	1.2	0.9	1.1	0.7
										/	ARSENIC	(ua /L) 2i	001											
		JAN		FEB		MAR		APR		MAY	ANSLINIC	JUN	001	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	1.1	0.7	1.3	0.8	1.3	1.0	0.9	<0.2	1.2	0.8	4.3	1.0	1.2	0.7	1.6	1.1	1.6	1.1	2.0	0.9	1.0	1.1	1.7	0.9
2	1.5	0.8	1.5	0.9	0.7	1.0	0.7	0.5	1.2	1.0	1.1	0.7	1.1	0.7	1.4	0.9	0.7	1.2	1.0	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	1.0	1.0	1.4	1.0	1.3	0.9	1.6	1.1	1.4	0.8	1.1	1.0	1.8	1.1	1.1	0.8
4	1.4	1.0			0.6	0.4	0.8	0.4	1.2	0.8	1.4	1.0			1.5	1.1	0.6	0.2	1.5	1.1	1.5	0.9	1.4	0.8
Average	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	1.0	1.3	0.8
											ARSENIC		002											55-
147		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	0.88	0.65	1.4	0.89	1.1	0.62	1.60	1.54	1.20	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 3	1.33	0.84	1.72	0.92	1.16	0.90	0.99	0.57	1.83	1.34 1.56	1.53 2.84	0.90 2.74	2.96 2.65	2.34 1.74	2.76 2.13	2.25 1.14	2.18 1.87	1.95 1.55	1.06 1.86	0.74 1.74	1.88	1.58 0.75	2.73 1.53	2.36 1.02
3 4	1.21	1.09	1.05 1.38	0.65 1.13	0.61 0.72	0.69 0.82	1.57 1.14	1.59 0.66	2.34	1.50	2.04 1.44	1.06	1.83	1.74	2.13	1.14	1.07	0.81	2.33	2.41	1.12	0.75	1.53	0.76
Average	1.14	0.86	1.39	0.90	0.72	0.82	1.14	1.09	1.79	1.35	1.89	1.42	2.44	1.86	2.01	1.61	1.75	1.51	1.78	1.60	1.62	1.30	1.77	1.26
Average	1.14	0.00	1.39	0.70	0.70	0.70	1.33	1.09	1.19	1.33	1.09	1.42	2.44	1.00	2.23	1.01	1.73	1.51	1.70	1.00	1.02	1.30	1.77	1.20

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Influent and Effluent Data Summary 2.133

											CADMI	UM (ug/l	_) 1997											
W I-	16	JAN	16	FEB	l £	MAR	16	APR	16	MAY	l £	JUN	16	JUL	16	AUG	16	SEP	16	OCT	l £	NOV	l£	DEC
Week 1	Inf <1.0	<1.0	Inf <1.0	<1.0	Inf <1.0	1.2	Inf <1.0	<1.0	1.2	<1.0	2.0	<1.0	Inf <1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	Inf <1.0	<1.0	Inf <1.0	1.7
2	<1.0	<1.0	3.0	<1.0	1.1	1.5	1.9	<1.0	<1.0	<1.0	1.7	1.0	<1.0	1.5	<1.0	<1.0	1.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.1
3	<1.0	<1.0	1.3	<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	<1.0	<1.0	1.6
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	1.7	<1.0	<1.0	<1.0
Average	<1.0	<1.0	1.1	<1.0	0.3	<1.0	<1.0	<1.0	0.3	0.3	0.9	0.3	<1.0	0.4	<1.0	<1.0	0.4	<1.0	<1.0	<1.0	0.4	<1.0	<1.0	1.4
											CADMI	UM (ug/l	_) 1998											
W1-	I E	JAN	16	FEB	l £	MAR	16	APR	16	MAY	16	JUN	l £	JUL	16	AUG	16	SEP	16	OCT	I E	NOV	l £	DEC
Week 1	Inf <1.0	<1.0	Inf <1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.2	<1.0	Inf <1.0	<1.0	<1.0	<1.0	Inf <1.0	1.5	Inf <1.0	<1.0	Inf <1.0	<1.0	<1.0	<1.0
2	<1.0	<1.0	<1.0	<1.0	2.1	1.6	<1.0	<1.0	<1.0	<1.0	1.3	<1.0	<1.0	<1.0	<1.0	<1.0	1.7	2.0	<1.0	<1.0	<1.0	<1.0	1.9	<1.0
3	<1.0	<1.0	<1.0	<1.0	1.2	<1.0	<1.0	<1.0	<1.0	<1.0	1.4	1.4	<1.0	<1.0	<1.0	<1.0	2.4	<1.0	<1.0	<1.0	<1.0	<1.0	1.3	<1.0
4	<1.0	<1.0			1.5	<1.0	<1.0	<1.0	<1.0	<1.0	2.1	<1.0			<1.0	<1.0	2.4	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Average	<1.0	<1.0	<1.0	<1.0	1.2	0.4	<1.0	<1.0	<1.0	<1.0	1.5	0.4	<1.0	<1.0	<1.0	<1.0	1.6	0.9	<1.0	<1.0	<1.0	<1.0	0.8	<1.0
											CADMI	UM (ug/l	_) 1999											
		JAN		FEB		MAR		APR		MAY		JÙŊ	•	JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff										
1 2	<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 <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	11.0	11.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	11.0	11.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	11.0	11.0	<1.0	<1.0
Average	<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
											СДОМІ	UM (ug/l	) 2000											
		JAN		FEB		MAR		APR		MAY	ONDIVII	JUN	_) 2000	JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff										
1	1.0	1.1	1.7	<1.0	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	1.6	1.3	<1.0	1.6	<1.0	<1.0	<1.0
2 3	1.1 1.2	<1.0 <1.0	<1.0 1.0	<1.0 <1.0	<1.0 2.0	<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 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	1.7	<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	<1.4	<1.0	1.3	<1.0	<1.0	1.4	<1.0	<1.0	<1.0	<1.0
Average	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
											CADM	LIM (ua /I	\ 2001											
		JAN		FEB		MAR		APR		MAY	CADIVII	UM (ug/l JUN	_) 2001	JUL		AUG		SEP		OCT		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	<1.0	<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 4	<1.0 <1.0	2.5 <1.0	2.6	<1.0	<1.0 <1.0	<1.0 2.3	<1.0 1.4	<1.0 <1.0	3.7 2.5	2.8 <1.0	<1.0 1.8	<1.0 1.3	<1.0	<1.0	1.1 2.8	<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 1.4	<1.0 <1.0	<1.0 <1.0
Average	<1.0	0.6	1.8	<1.0	<1.0	1.10	0.7	<1.0	2.6	0.7	1.0	0.3	<1.0	<1.0	1.6	0.3	<1.0	<1.0	<1.0	<1.0	<1.0	0.4	<1.0	<1.0
3.																								
											CADMI	UM (ug/l	) 2002											
		JAN		FEB		MAR		APR		MAY	CADIVII	JUN	_, 2002	JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff										
1	1.3	<1.0	<1.0	<1.0	2.5	<1.0	2.1	<1.0	<1.0	<1.0	1.3	1.6	2.2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.9	<1.0
2	1.7	<1.0	<1.0	<1.0	<1.0	<1.0	1.3	<1.0	<1.0	<1.0	<1.0	<1.0	2.1	<1.0	<1.0	3.8	<1.0	<1.0	<1.0	<1.0	1.4	1.6	<1.0	<1.0
3 4	1.0	<1.0	<1.0 1.5	<1.0 <1.0	<1.0 <1.0	<1.0 <1.0	1.6 2.5	<1.0 1.8	<1.0	<1.0	1.2 <1.0	<1.0 <1.0	2.2 <1.0	<1.0 3.4	1.5 <1.0	2.4 4.5	<1.0 <1.0	<1.0 <1.0	1.0 1.1	<1.0 <1.0	1.2	1.8	1.7 <1.0	<1.0 <1.0
Average	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

											CHROM	IIUM (ug/	1) 1007											
		JAN		FEB		MAR		APR		MAY	CHROW	JUN	L) 1777	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	<5	<5	10	<5	10	<5	<5	<5	7	<5	7	<5	12	<5	<5	<5	<5	<5	10	<5	21	6	11	<5
2	8	6	16	<5	13	<5	<5	<5	<5 7	<5	12	<5	8	<5	<5	<5	5	<5	9	<5	7	<5	10	<5
3 4	9 8	<5 <5	12 10	<5 <5	7 <5	<5 <5	<5	<5	7 <5	<5	12 10	<5 <5	<5 10	<5 <5	<5 <5	<5 <5	<5	<5	11 26	<5 <5	7 18	<5	12 5	<5 <5
Average	6	2	12	<5	-<5 8	<5 <5	<5	<5	6	<5 <5	10	<5	7	<5 <5	<5 <5	<5	2	<5	14	<5 <5	13	<5 2	10	<5
Average	U	2	12	\3	O	\3	<b>\</b> 3	\3	O	\3	10	<b>\</b> 3	,	\3	\3	\3	2	\3	14	<b>\</b> 3	13	2	10	<b>\</b> 5
											CHROM	IIUM (ug/	L) 1998											
Mook	les f	JAN	l m f	FEB	l m f	MAR	la f	APR	lm f	MAY	lm f	JUN	l m f	JUL	l m f	AUG	lm <b>f</b>	SEP	lm f	OCT	lm 6	NOV	lm f	DEC
Week	Inf 9	Eff <5	Inf 7	Eff <5	Inf 7	Eff <5	Inf <5	Eff <5	Inf 58	Eff <5	Inf <5	Eff <5	Inf 13	Eff <5	Inf <5	Eff <5	Inf 16	Eff <5	Inf 7	Eff <5	Inf 12	Eff <5	Inf 13	Eff <5
2	9 14	<5	10	<5	<5	<5 9	<5	<5	6	<5	<5	<5	13	<5	<5 8	<5	12	<5 <5	, <5	<5	11	<5	10	<5 <5
3	11	<5	9	9	10	8	<5	<5	<5	<5	<5	<5	14	<5	14	<5	12	<5	9	<5	15	<5	14	<5
4	15	<5	,	•	11	<5	<5	<5	<5	<5	<5	<5			12	<5	14	5	12	<5	9	<5	8	<5
Average	12	<5	9	3	7	4	<5	<5	16	<5	<5	<5	13	<5	9	<5	14	1	7	<5	11	<5	11	<5
											CHROM	IIUM (ug/	1) 1000											
		JAN		FEB		MAR		APR		MAY	OTITO	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	18	<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	29	<5	9 11	<5 <5	10 13	<5 2	<5 <5	<5 <5	3	<5	<u>6</u> 9	<5 <5	<5 3	<5 <5	14 12	7 3	<5 2	<5 2	<5 <5	<5 <5	<5	<5	7 5	<5 <5
Average	29	< 5	1.1	< 3	13	2	< 0	< 0	3	< 0	9	< 0	3	< 0	12	J	2	2	< 5	< 5	< 0	< 0	5	<0
											CHROM	IIUM (ug/	L) 2000											
Wl-	IE	JAN	l. F	FEB	I¢	MAR	I£	APR	I¢	MAY		JUN	ŕ	JUL	IE	AUG	I É	SEP	l. £	OCT	l. £	NOV	l. F	DEC
Week	Inf 4	Eff	Inf	Eff	Inf	Eff	Inf 14	Eff	Inf 11	Eff	Inf	JUN Eff	Inf	Eff	Inf 4	Eff	Inf	Eff	Inf 7	Eff	Inf 4	Eff	Inf 15	Eff
1	6	Eff <5	<5	Eff <5	<5	Eff <5	14	Eff <5	11	Eff <5	Inf 12	JUN Eff <5	Inf <5	Eff <5	6	Eff <5	8	Eff <5	7	Eff <5	6	Eff <5	15	Eff <5
1 2	6 8	Eff <5 <5	<5 <5	Eff <5 <5	<5 <5	Eff <5 <5	14 7	Eff <5 <5	11 9	Eff <5 <5	Inf 12 7	JUN Eff <5 <5	Inf <5 <5	Eff <5 <5	6 <5	Eff <5 <5	8 11	Eff <5 <5	7 13	Eff <5 <5	6 9	Eff <5 <5	15 16	Eff <5 <5
1	6	Eff <5	<5	Eff <5	<5	Eff <5	14	Eff <5	11	Eff <5	Inf 12	JUN Eff <5	Inf <5	Eff <5	6	Eff <5	8	Eff <5	7	Eff <5	6	Eff <5	15	Eff <5
1 2 3	6 8 10	<pre>Eff &lt;5 &lt;5 &lt;5</pre>	<5 <5 8	<5 <5 <5	<5 <5 <5	<5 <5 <5	14 7	Eff <5 <5	11 9 9	<pre>Eff   &lt;5   &lt;5   &lt;5</pre>	Inf 12 7 8	JUN Eff <5 <5 <5	Inf <5 <5 <5	<pre>Eff   &lt;5   &lt;5   30</pre>	6 <5 9	<pre>Eff   &lt;5   &lt;5   &lt;5</pre>	8 11	Eff <5 <5	7 13 7	<5 <5 <5	6 9 <5	<5 <5 <5	15 16 16	<pre>Eff &lt;5 &lt;5 9</pre>
1 2 3 4	6 8 10 <5	Eff <5 <5 <5 <5	<5 <5 8 <5	Eff <5 <5 <5 <5	<5 <5 <5 <5	Eff <5 <5 <5 <5	14 7 7	Eff <5 <5 <5	11 9 9 13	<pre>Eff     &lt;5     &lt;5     &lt;5     &lt;5 &lt;</pre>	Inf 12 7 8 10 9	JUN Eff <5 <5 <5 <5 <5 <5 <5	Inf	<pre>Eff &lt;5 &lt;5 30 &lt;5</pre>	6 <5 9 7	<pre>Eff     &lt;5     &lt;5     &lt;5     &lt;5 &lt;5</pre>	8 11 11	eff <5 <5 <5	7 13 7 <5	Eff <5 <5 <5 <5	6 9 <5 <5	Eff <5 <5 <5 <5	15 16 16 17	Eff <5 <5 9 7
1 2 3 4	6 8 10 <5	<pre>Eff     &lt;5     &lt;5     &lt;5     &lt;5     &lt;5 </pre>	<5 <5 8 <5	<pre>Eff     &lt;5     &lt;5     &lt;5     &lt;5     &lt;5 </pre>	<5 <5 <5 <5	Eff <5 <5 <5 <5 <5	14 7 7	<pre>Eff   &lt;5   &lt;5   &lt;5   &lt;5</pre>	11 9 9 13	Eff <5 <5 <5 <5 <5	Inf 12 7 8 10 9	JUN Eff <5 <5 <5 <5 <5	Inf	<pre>eff &lt;5 &lt;5 30 &lt;5 7</pre>	6 <5 9 7	<pre>Eff     &lt;5     &lt;5     &lt;5     &lt;5     &lt;5 &lt;</pre>	8 11 11	<pre>Eff   &lt;5   &lt;5   &lt;5   &lt;5</pre>	7 13 7 <5	<pre>Eff     &lt;5     &lt;5     &lt;5     &lt;5     &lt;5 </pre>	6 9 <5 <5	<pre>Eff     &lt;5     &lt;5     &lt;5     &lt;5     &lt;5 </pre>	15 16 16 17	Eff <5 <5 9 7
1 2 3 4	6 8 10 <5	Eff <5 <5 <5 <5	<5 <5 8 <5	Eff <5 <5 <5 <5	<5 <5 <5 <5	Eff <5 <5 <5 <5	14 7 7	Eff <5 <5 <5	11 9 9 13	<pre>Eff     &lt;5     &lt;5     &lt;5     &lt;5 &lt;</pre>	Inf 12 7 8 10 9	JUN Eff <5 <5 <5 <5 <5 <5 <5	Inf	<pre>Eff &lt;5 &lt;5 30 &lt;5</pre>	6 <5 9 7	<pre>Eff     &lt;5     &lt;5     &lt;5     &lt;5 &lt;5</pre>	8 11 11	eff <5 <5 <5	7 13 7 <5	Eff <5 <5 <5 <5	6 9 <5 <5	Eff <5 <5 <5 <5	15 16 16 17	Eff <5 <5 9 7
1 2 3 4 Average	6 8 10 <5 6	<ul> <li>Eff</li> <li>&lt;5</li> <li>&lt;5</li> <li>&lt;5</li> <li>&lt;5</li> <li>&lt;5</li> </ul>	<5 <5 8 <5 2	<pre>Eff     &lt;5     &lt;5     &lt;5     &lt;5     &lt;5     &lt;5 </pre>	<5 <5 <5 <5 <5	Eff <5 <5 <5 <5 <5	14 7 7 9	<pre>Eff   &lt;5   &lt;5   &lt;5   &lt;5 </pre>	11 9 9 13 10	<pre></pre>	Inf 12 7 8 10 9 CHROM	JUN Eff <5 <5 <5 <5 <5 <5 JUM (ug/	Inf <5 <5 <5 <5 <5 <5 <1 2001	<pre>Eff   &lt;5   &lt;5   30   &lt;5   7</pre>	6 <5 9 7 6	<pre>Eff     &lt;5     &lt;5     &lt;5     &lt;5     &lt;5     &lt;5 </pre>	8 11 11 10 Inf 14	<pre></pre>	7 13 7 <5 7	<pre>Eff     &lt;5     &lt;5     &lt;5     &lt;5     &lt;5     </pre>	6 9 <5 <5 <5	<pre>Eff   &lt;5   &lt;5   &lt;5   &lt;5   &lt;5   &lt;7   </pre>	15 16 16 17 16 Inf <5	Eff  <5 <5 9 7 4  DEC Eff  <5
1 2 3 4 Average  Week 1 2	6 8 10 <5 6	<ul> <li>Eff</li> <li>&lt;5</li> <li>&lt;5</li> <li>&lt;5</li> <li>&lt;5</li> <li>&lt;5</li> </ul>	<5 <5 8 <5 2 Inf 16 <5	<ul> <li>Eff</li> <li>&lt;5</li> <li>&lt;5</li> <li>&lt;5</li> <li>&lt;5</li> <li>&lt;5</li> </ul>	<5 <5 <5 <5 <5	Eff	14 7 7 9 Inf <5 <5	<pre></pre>	11 9 9 13 10 Inf 11 <5	Eff <5 <5 <5 <5 <5  MAY Eff <5 <5 <5	Inf  12 7 8 10 9  CHROW  Inf  8 11	JUN Eff <5 <5 <5 <5 <5 JUN (ug/ JUN (ug/ JUN Eff <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5	Inf  <5 <5 <5 <5 <5 <1 2001  Inf  <5 12	<pre>eff &lt;5 &lt;5 30 &lt;5 7  JUL Eff &lt;5 &lt;5 &lt;5 </pre>	6 <5 9 7 6	<pre></pre>	8 11 11 10 Inf 14 7	<pre></pre>	7 13 7 <5 7 Inf 8 <5	<pre></pre>	6 9 <5 <5 <5 Inf 15 <5	<pre></pre>	15 16 16 17 16 16	Eff  <5 <5 9 7 4  DEC Eff  <5 <5 <5
1 2 3 4 Average  Week 1 2 3	6 8 10 <5 6 Inf 15 9 <5	Eff  <5 <5 <5 <5 <5  JAN  Eff  32  9 8	<5 <5 8 <5 2 Inf	<ul> <li>Eff</li> <li>&lt;5</li> <li>&lt;5</li> <li>&lt;5</li> <li>&lt;5</li> <li>&lt;5</li> </ul>	<5 <5 <5 <5 <5 Inf <5 9	Eff  <5 <5 <5 <5 <5  <5 <5 <5  <5  MAR Eff  <5 <5 <5	14 7 7 9 Inf <5 <5 <5	Eff <5 <5 <5 <5 APR Eff <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5	11 9 9 13 10 Inf 11 <5	Eff <5 <5 <5 <5 <5 <5  MAY Eff <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5	Inf 12 7 8 10 9 CHROM Inf 8 11 9	JUN Eff <5 <5 <5 <5 <5 JUN JUN Eff <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5	Inf   <5   <5   <5   <5   <5   <5   <5   <	eff <5 <5 30 <5 7 JUL eff <5	6 <5 9 7 6 Inf 5 6 <5	Eff	8 11 11 10 10 Inf 14 7 <5	<pre>Eff     &lt;5     &lt;5     &lt;5     &lt;5  SEP     Eff     &lt;5     &lt;5 </pre>	7 13 7 <5 7 Inf 8 <5 6	Eff	6 9 <5 <5 <5 Inf 15 <5 <5	Eff   <5   <5   <5   <5   <5   <5   <5	15 16 16 17 16 16 17 16	Eff  <5 <5 9 7 4  DEC Eff <5 <5 <5 <5
1 2 3 4 Average  Week 1 2 3 4	6 8 10 <5 6 Inf 15 9 <5 16	Eff  <5 <5 <5 <5 <5  JAN Eff  32 9 8 21	<5 <5 8 <5 2 Inf 16 <5 <5	Eff  <5 <5 <5 <5 <5  <5 <5 <5 <5 <5 <5  FEB Eff 12 <5 <5	<5 <5 <5 <5 <5 <5	Eff  <5 <5 <5 <5 <5  MAR Eff  <5 <5  6	14 7 7 9 Inf <5 <5 <5 <5	Eff  <5 <5 <5 <5  APR Eff  <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5	11 9 9 13 10 Inf 11 <5 11 6	Eff <5 <5 <5 <5 <5  MAY Eff <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5	Inf 12 7 8 10 9 CHROW Inf 8 11 9 <5	JUN Eff <5 <5 <5 <5 <5 JUN JUN Eff <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5	Inf  <5 <5 <5 <5 <5  L) 2001  Inf  <5 12 11	Eff  <5 <5 30 <5 7  JUL  Eff  <5 <5 <5 <5 <5 <5 <7	6 <5 9 7 6 Inf 5 6 <5 <5	Eff  <5 <5 <5 <5 <5  AUG Eff  <5 <5 <5  5  AUG Eff  <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5	8 11 11 10 Inf 14 7 <5 6	Eff  <5 <5 <5 <5  SEP Eff  <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5	7 13 7 <5 7 Inf 8 <5 6 8	Eff  <5 <5 <5 <5 <5  OCT Eff  <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5	6 9 <5 <5 <5 Inf 15 <5 <5 <5	Eff  <5 <5 <5 <5 <5  NOV Eff  <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5	15 16 16 17 16 16 Inf <5 <5 <5 <5	Eff  <5 <5 9 7 4  DEC Eff <5 <5 <5 <5 <5 <5
1 2 3 4 Average  Week 1 2 3	6 8 10 <5 6 Inf 15 9 <5	Eff  <5 <5 <5 <5 <5  JAN  Eff  32  9 8	<5 <5 8 <5 2 Inf 16 <5	<ul> <li>Eff</li> <li>&lt;5</li> <li>&lt;5</li> <li>&lt;5</li> <li>&lt;5</li> <li>&lt;5</li> </ul>	<5 <5 <5 <5 <5 Inf <5 9	Eff  <5 <5 <5 <5 <5  <5 <5 <5  <5  MAR Eff  <5 <5 <5	14 7 7 9 Inf <5 <5 <5	Eff <5 <5 <5 <5 APR Eff <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5	11 9 9 13 10 Inf 11 <5	Eff <5 <5 <5 <5 <5 <5  MAY Eff <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5	Inf 12 7 8 10 9 CHROM Inf 8 11 9	JUN Eff <5 <5 <5 <5 <5 JUN JUN Eff <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5	Inf  <5 <5 <5 <5 <5 <1 2001  Inf  <5 12	<pre>eff &lt;5 &lt;5 30 &lt;5 7  JUL Eff &lt;5 &lt;5 &lt;5 </pre>	6 <5 9 7 6 Inf 5 6 <5	Eff	8 11 11 10 10 Inf 14 7 <5	<pre>Eff     &lt;5     &lt;5     &lt;5     &lt;5  SEP     Eff     &lt;5     &lt;5 </pre>	7 13 7 <5 7 Inf 8 <5 6	Eff	6 9 <5 <5 <5 Inf 15 <5 <5	Eff   <5   <5   <5   <5   <5   <5   <5	15 16 16 17 16 16 17 16	Eff  <5 <5 9 7 4  DEC Eff <5 <5 <5 <5
1 2 3 4 Average  Week 1 2 3 4	6 8 10 <5 6 Inf 15 9 <5 16	Eff  <5 <5 <5 <5 <5  JAN Eff  32 9 8 21 18	<5 <5 8 <5 2 Inf 16 <5 <5	Eff  <5 <5 <5 <5 <5 <5  4  FEB  Eff  12 <5 <4	<5 <5 <5 <5 <5 <5	Eff  <5 <5 <5 <5 <5  MAR Eff  <5 <5  2  2	14 7 7 9 Inf <5 <5 <5 <5	Eff  <5 <5 <5  APR Eff  <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5	11 9 9 13 10 Inf 11 <5 11 6	Eff  <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5	Inf 12 7 8 10 9 CHROM Inf 8 11 9 <5 7	JUN Eff <5 <5 <5 <5 UN Eff <5 <5 <5 UN Eff <5 <1 UN UN UN Eff <5 <5 <5 UN Eff UN	Inf  <5 <5 <5 <5 <1  2001  Inf  <5 12 11  8	Eff  <5 <5 <30 <5 7  JUL  Eff  <5 <5 <5 <5 <5 <5 <5	6 <5 9 7 6 Inf 5 6 <5 <5	Eff  <5 <5 <5 <5 <5  AUG Eff  <5 <5 <5 <5 <5 <5  AUG Eff  <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5	8 11 11 10 Inf 14 7 <5 6	Eff	7 13 7 <5 7 Inf 8 <5 6 8	Eff  <5 <5 <5 <5 <5  OCT Eff  <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5	6 9 <5 <5 <5 Inf 15 <5 <5 <5	Eff  <5 <5 <5 <5  NOV Eff  <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5	15 16 16 17 16 16 Inf <5 <5 <5 <5	Eff  <5 <5 9 7 4  DEC Eff  <5 <5 <5 <5 <5 <5
1 2 3 4 Average  Week 1 2 3 4 Average	6 8 10 <5 6 Inf 15 9 <5 16	Eff  <5 <5 <5 <5 <5  JAN Eff  32 9 8 21 18	<5 <5 8 <5 2 Inf 16 <5 <5 5	Eff  <5 <5 <5 <5 <5 <5  4  FEB  FEB  FEB  FEB	<5 <5 <5 <5 <5 Inf <5 9 7 11	Eff  <5 <5 <5 <5  <5  MAR  Eff  <5 <5  2  MAR  MAR	14 7 7 9  Inf <5 <5 <5 <5 <5 <5	Eff  <5 <5 <5  APR  Eff  <5 <5 <5  APR  APR  APR  APR	11 9 9 13 10 Inf 11 <5 11 6	Eff <5 <5 <5 <5 <5 <5 <5  MAY Eff <5 <5 <5 <5  MAY Eff <5 <5 <5  MAY Eff <5 <5 <5  MAY Eff <5 <5  MAY Eff <5 <5 <5  MAY Eff  MAY Eff  MAY  MAY	Inf 12 7 8 10 9 CHROM Inf 8 11 9 <5 7 CHROM	JUN Eff <5 <5 <5 <5 UN Eff <5 <5 UN UN UN UN Eff <5 <5 <5 UN UN Eff <5 UN	Inf  <5 <5 <5 <5 <5  L) 2001  Inf  <5 12 11  8  L) 2002	Eff  <5 <5 <30 <5 <7  JUL Eff <5 <5 <5  JUL String	6 <5 9 7 6 6 Inf 5 6 <5 <5 3	Eff	8 11 11 10 10 Inf 14 7 <5 6	Eff	7 13 7 <5 7 Inf 8 <5 6 8 <5	Eff  <5 <5 <5 <5 <5  OCT Eff  <5 <5 <5 <5  OCT  CT  CT  CT  CT  CT  CT  CT  CT  C	6 9 <5 <5 <5 Inf 15 <5 <5 <5	Eff  <5 <5 <5 <5 <5  NOV Eff  <5 <5 <5  NOV Eff  <5 <5 <5  NOV	15 16 16 17 16 16 17 5 <5 <5 <5 <5	Eff  <5 <5 9 7 4  DEC Eff <5 <5 <5 <5 <5  DEC
1 2 3 4 Average  Week 1 2 3 4 Average	6 8 10 <5 6 Inf 15 9 <5 16 11	Eff  <5 <5 <5 <5 <5  JAN Eff  32 9 8 21 18  JAN Eff	<5 <5 8 <5 2 Inf 16 <5 5 5 Inf	Eff  <5 <5 <5 <5 <5  FEB Eff  12 <5 <5  4  FEB Eff	<5 <5 <5 <5 <5 Inf <5 9 7 11	Eff	14 7 7 9  Inf <5 <5 <5 <5 Inf	Eff  <5 <5 <5  APR Eff  <5 <5 <5  APR Eff  APR Eff  APR Eff	11 9 9 13 10 Inf 11 <5 11 6 7	Eff <5 <5 <5 <5 <5 <45  MAY Eff <5 <5 <5 <5  MAY Eff  MAY Eff	Inf 12 7 8 10 9 CHROM Inf 8 11 9 <5 7 CHROM	JUN Eff	Inf   <5   <5   <5   <5   <5   <5   <5   <	Eff  <5 <5 <30 <5 <7  JUL Eff <5 <5 <5  JUL Eff  JUL Eff	6 <5 9 7 6 6 Inf 5 6 <5 <5 3	Eff  <5 <5 <5 <5 <5  AUG Eff  <5 <5 <5  AUG Eff  AUG Eff  AUG Eff  AUG Eff	8 11 11 10 10 Inf 14 7 <5 6 7	Eff	7 13 7 <5 7 Inf 8 <5 6 8 <5	Eff  <5 <5 <5 <5 <5  OCT Eff  <5 <5 <5  OCT Eff  OCT Eff  OCT Eff  OCT Eff  OCT Eff	6 9 <5 <5 <5 15 <5 <5 <4	Eff  <5 <5 <5 <5 <5  NOV Eff  <5 <5 <5  NOV Eff  NOV Eff  NOV Eff	15 16 16 17 16 16 1nf <5 <5 <5 <5	Eff
1 2 3 4 Average  Week 1 2 3 4 Average  Week 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	6 8 10 <5 6 Inf 15 9 <5 16 11	Eff  <5 <5 <5 <5 <5  JAN Eff 32 9 8 21 18  JAN Eff <5	<5 <5 8 <5 2 Inf 16 <5 5 Inf <5	Eff  <5 <5 <5 <5 <5  FEB Eff  12 <5 <5  4  FEB Eff  <5 <5	<5 <5 <5 <5 <5   Inf   6.8	### Eff   C   C   C   C   C   C   C   C   C	14 7 7 9  Inf <5 <5 <5 <5  Inf <5 <5	Eff  <5 <5 <5  APR Eff  <5 <5 <5  APR Eff  <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5	11 9 9 13 10 Inf 11 <5 11 6 7	Eff <5 <5 <5 <5 <5  MAY Eff <5 <5 <5  MAY Eff <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5	Inf 12 7 8 10 9 CHROM Inf 8 11 9 <5 7 CHROM Inf 9,1	JUN Eff	Inf   <5   <5   <5   <5   <5   <5   <5   <	Eff  <5 <5 <30 <5 <7  JUL Eff <5 <5 <5  JUL Eff <5 <5	6 <5 9 7 6 6 Inf 5 6 <5 <5 3 Inf <5	Eff  <5 <5 <5 <5 <5  AUG Eff  <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5	8 11 11 10 10 Inf 14 7 <5 6 7	Eff	7 13 7 <5 7 Inf 8 <5 6 8 <5 1	Eff  <5 <5 <5 <5 <5  OCT Eff  <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5	6 9 <5 <5 <5 <5 <4 href="#">	Eff  <5 <5 <5 <5 <5  NOV Eff  <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5	15 16 16 17 16  Inf <5 <5 <5 <5  Inf 8.3	Eff
1 2 3 4 Average  Week 1 2 3 4 Average  Week 1 2 2 3 4 Average	6 8 10 <5 6 Inf 15 9 <5 16 11	Eff  <5 <5 <5 <5 <5  JAN Eff  32 9 8 21 18  JAN Eff  <5 <5 <5	<5 <5 8 <5 2 Inf 16 <5 5 Inf <5 <5 5	Eff  <5 <5 <5 <5 <5  FEB Eff  12 <5 <5  4  FEB Eff  <5 <5	<5 <5 <5 <5 <5 <5 Inf <5 9 7 11 7	Eff  <5 <5 <5 <5 <5  MAR Eff  <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5	14 7 7 9 Inf <5 <5 <5 <5 <7  Inf <5 9.7	Eff  <5 <5 <5  APR Eff  <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5	11 9 9 13 10 Inf 11 <5 11 6 7	Eff <5 <5 <5 <5 <5  MAY Eff <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5	Inf 12 7 8 10 9 CHROW Inf 8 11 9 <5 7 CHROW Inf 9.1 7.8	JUN Eff <5 <5 <5 <5 <5 UNN Eff <5 <5 UNN Eff <5 <5 <5 UNN Eff <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5	Inf   <5   <5   <5   <5   <5   <5   <5   <	Eff  <5 <5 <30 <5 <7  JUL Eff  <5 <5 <5  JUL Eff  <5 <7  JUL Eff  <5 <7  JUL Eff  <5 <5 <5  JUL Eff  <5 <7  JUL Eff  <5 <5  JUL Eff  <5 <5  JUL Eff  <5 <7  JUL Eff  <5  T  J  J  J  J  J  J  J  J  J  J  J  J	6 <5 9 7 6 6 Inf 5 6 <5 <5 3 Inf <5 8.0	Eff  <5 <5 <5 <5 <5  AUG Eff  <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5	8 11 11 10 10 Inf 14 7 <5 6 7	Eff  <5 <5 <5 <5  SEP Eff  <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5	7 13 7 <5 7 Inf 8 <5 6 8 <5 6	Eff  <5 <5 <5 <5 <5  OCT Eff  <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5	6 9 <5 <5 <5 15 <5 <5 4 Inf 9.3 6.5	Eff  <5 <5 <5 <5 <5  NOV Eff  <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5	15 16 16 17 16  Inf <5 <5 <5 <5  Inf 8.3 7.2	Eff
1 2 3 4 Average  Week 1 2 3 4 Average  Week 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	6 8 10 <5 6 Inf 15 9 <5 16 11	Eff  <5 <5 <5 <5 <5  JAN Eff 32 9 8 21 18  JAN Eff <5	<5 <5 8 <5 2 Inf 16 <5 5 Inf <5	Eff  <5 <5 <5 <5 <5  FEB Eff  12 <5 <5  4  FEB Eff  <5 <5	<5 <5 <5 <5 <5   Inf   6.8	### Eff   C   C   C   C   C   C   C   C   C	14 7 7 9  Inf <5 <5 <5 <5  Inf <5 <5	Eff  <5 <5 <5  APR Eff  <5 <5 <5  APR Eff  <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5	11 9 9 13 10 Inf 11 <5 11 6 7	Eff <5 <5 <5 <5 <5  MAY Eff <5 <5 <5  MAY Eff <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5	Inf 12 7 8 10 9 CHROM Inf 8 11 9 <5 7 CHROM Inf 9,1	JUN Eff	Inf   <5   <5   <5   <5   <5   <5   <5   <	Eff  <5 <5 <30 <5 <7  JUL Eff <5 <5 <5  JUL Eff <5 <5	6 <5 9 7 6 6 Inf 5 6 <5 <5 3 Inf <5	Eff  <5 <5 <5 <5 <5  AUG Eff  <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5	8 11 11 10 10 Inf 14 7 <5 6 7	Eff	7 13 7 <5 7 Inf 8 <5 6 8 <5 1	Eff  <5 <5 <5 <5 <5  OCT Eff  <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5	6 9 <5 <5 <5 <5 <4 href="#">	Eff  <5 <5 <5 <5 <5  NOV Eff  <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5	15 16 16 17 16  Inf <5 <5 <5 <5  Inf 8.3	Eff

											COPPI	ER (ug/L	) 1997											
		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	60	95	49	69	27	121	69	166	108	169	115	139	72	166	123	100	145	89	37	87	54	165	306
2	73	33	117	67	77	26	128	79	207	68	127	64	115	83	123	99	92	39	76	60	117	53	118	103
3	67	26	102	48	69	39	113	45	151	21	135	80	116	52	65	54	93	64	87	87	61	43	135	95
4	79 55	48 42	112 107	46 53	131 87	28 30	121	64	108 158	45 61	166 149	234 123	104 119	63 68	64 105	151 107	95	83	94 87	29 53	130 99	59 52	124 136	100 151
Average	55	42	107	55	0/	30	121	04	136	01	149	123	119	00	105	107	95	03	07	33	99	52	130	131
											COPPI	ER (ug/L	1998											
		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	97	198	99	31	75 175	48	74	56	192	51	88	46	122	62	96	82	132	48	81	58	121	49	107	68
2 3	117 159	66 59	129 126	36 63	165 98	40 49	111 101	38 96	85 131	18 27	76 100	40 30	123 94	57 35	93 137	69 48	108 150	58 55	87 111	45 29	114 95	41 30	116 127	44 74
4	114	28	120	03	103	49	89	70	92	43	142	222	94	33	113	32	129	29	104	16	83	29	113	21
Average	122	88	118	43	110	47	94	65	125	35	102	85	113	51	110	58	130	48	96	37	103	37	116	52
7.vo.ago		00				• • •	, ,	00	.20	00	.02	00		0.		00	.00	.0	, 0	0.	.00	0.		02
											COPPI	ER (ug/L	1999											
10/		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	96 110	60	97 110	98	159	75 42	117	46	149	55 45	103	72 70	133	64 150	99	44	118	45	108	75 72	136	73	93	31
2 3	119 90	88 29	110 91	40 65	156 121	43 40	88 112	40 70	133 246	45 124	129 178	70 45	133 167	159 58	143 107	24 117	169 116	60 34	104 130	72 33	137 142	53 46	116 97	120 31
4	70	27	120	66	106	37	82	46	240	124	119	33	128	56	96	38	235	155	131	115	142	40	112	68
Average	102	59	105	67	136	49	100	51	176	75	132	55	140	84	111	56	160	74	118	74	138	57	105	63
3.																								
											COPPI	ER (ug/L	2000											
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Mode	leef.	JAN	lm£	FEB	la f	MAR	lm f	APR	lm f	MAY	lm f	JUN	la f	JUL	l m f	AUG	la f	SEP	lm f	OCT	lu-f	NOV	lm6	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	Eff 49	158	Eff 58	206	Eff 47	88	Eff 32	215	Eff 45	203	Eff 95	156	Eff 199	156	Eff 52	280	Eff 74	137	Eff 60	209	Eff 106	167	Eff 155
1 2	150 153	Eff 49 60	158 125	58 51	206 154	Eff 47 72	88 185	29 Eff	215 219	Eff 45 59	203 139	95 133	156 73	Eff 199 213	156 191	52 133	280 192	74 56	137 291	60 66	209 215	Eff 106 150	167 135	Eff 155 67
1 2 3	150 153 115	Eff 49 60 47	158 125 157	58 51 73	206 154 164	Eff 47 72 56	88	Eff 32	215 219 131	Eff 45 59 41	203 139 147	95 133 53	156 73 210	Eff 199 213 366	156 191 162	52 133 48	280	Eff 74	137 291 217	60 66 149	209 215 137	106 150 83	167 135 204	Eff 155 67 58
1 2	150 153	Eff 49 60	158 125	58 51	206 154	Eff 47 72	88 185	29 Eff	215 219	Eff 45 59	203 139	95 133	156 73	Eff 199 213	156 191	52 133	280 192	74 56	137 291	60 66	209 215	Eff 106 150	167 135	Eff 155 67
1 2 3 4	150 153 115 127	Eff 49 60 47 75	158 125 157 107	58 51 73 57	206 154 164 180	Eff 47 72 56 79	88 185 198	Eff 32 29 93	215 219 131 169	Eff 45 59 41 120	203 139 147 250 185	95 133 53 52 83	156 73 210 197 159	Eff 199 213 366 98	156 191 162 174	52 133 48 66	280 192 133	Eff 74 56 39	137 291 217 201	60 66 149 85	209 215 137 188	Eff 106 150 83 147	167 135 204 157	Eff 155 67 58 51
1 2 3 4	150 153 115 127	Eff 49 60 47 75 58	158 125 157 107	58 51 73 57 60	206 154 164 180	Eff 47 72 56 79 64	88 185 198	Eff 32 29 93 51	215 219 131 169	Eff 45 59 41 120 66	203 139 147 250 185	Eff 95 133 53 52 83 ER (ug/L	156 73 210 197 159	Eff 199 213 366 98 219	156 191 162 174	52 133 48 66 75	280 192 133	Eff 74 56 39 56	137 291 217 201	Eff 60 66 149 85 90	209 215 137 188	Eff 106 150 83 147 122	167 135 204 157	Eff 155 67 58 51 83
1 2 3 4 Average	150 153 115 127 136	Eff 49 60 47 75 58	158 125 157 107 137	58 51 73 57 60	206 154 164 180 176	Eff 47 72 56 79 64	88 185 198 157	Eff 32 29 93 51 APR	215 219 131 169 184	Eff 45 59 41 120 66	203 139 147 250 185	Eff 95 133 53 52 83 ER (ug/L JUN	156 73 210 197 159	Eff 199 213 366 98 219	156 191 162 174 171	52 133 48 66 75	280 192 133 202	Eff 74 56 39 56 SEP	137 291 217 201 212	Eff 60 66 149 85 90	209 215 137 188 187	Eff 106 150 83 147 122 NOV	167 135 204 157 166	Eff 155 67 58 51 83
1 2 3 4 Average	150 153 115 127 136	Eff 49 60 47 75 58 JAN Eff	158 125 157 107 137	58 51 73 57 60 FEB Eff	206 154 164 180 176	Eff 47 72 56 79 64 MAR Eff	88 185 198 157	29 93 51 APR Eff	215 219 131 169 184	Eff 45 59 41 120 66 MAY Eff	203 139 147 250 185 COPPI	Eff 95 133 53 52 83 ER (ug/L JUN Eff	156 73 210 197 159 ) 2001	Eff 199 213 366 98 219 JUL Eff	156 191 162 174 171	Eff 52 133 48 66 75 AUG Eff	280 192 133 202	56 39 56 SEP Eff	137 291 217 201 212	Eff 60 66 149 85 90 OCT Eff	209 215 137 188 187	Eff 106 150 83 147 122 NOV Eff	167 135 204 157 166	Eff 155 67 58 51 83 DEC Eff
1 2 3 4 Average	150 153 115 127 136	Eff 49 60 47 75 58 JAN Eff 114	158 125 157 107 137 Inf 185	58 51 73 57 60 FEB Eff	206 154 164 180 176 Inf	Eff 47 72 56 79 64 MAR Eff 121	88 185 198 157 Inf 223	29 93 51 APR Eff 99	215 219 131 169 184 Inf	Eff 45 59 41 120 66 MAY Eff 63	203 139 147 250 185 COPPI Inf	95 133 53 52 83 ER (ug/L JUN Eff 226	156 73 210 197 159 ) 2001 Inf 160	Eff 199 213 366 98 219 JUL Eff 90	156 191 162 174 171 Inf 185	Eff 52 133 48 66 75 AUG Eff 79	280 192 133 202 Inf 253	Eff 74 56 39 56 SEP Eff 73	137 291 217 201 212 Inf 329	60 66 149 85 90 OCT Eff 63	209 215 137 188 187 Inf	Eff 106 150 83 147 122 NOV Eff 26	167 135 204 157 166 Inf	Eff 155 67 58 51 83 DEC Eff 84
1 2 3 4 Average  Week 1 2	150 153 115 127 136	49 60 47 75 58 JAN Eff 114 141	158 125 157 107 137 Inf 185 158	58 51 73 57 60 FEB Eff 98 205	206 154 164 180 176 Inf 174 162	Eff 47 72 56 79 64  MAR Eff 121 61	88 185 198 157 Inf 223 168	8 Eff 32 29 93 51 APR Eff 99 90	215 219 131 169 184 Inf 152 178	## Eff ## 45	203 139 147 250 185 COPPI Inf 165 268	95 133 53 52 83 ER (ug/L JUN Eff 226 69	156 73 210 197 159 ) 2001 Inf 160 164	Eff 199 213 366 98 219 JUL Eff 90 68	156 191 162 174 171 171 Inf 185 327	Eff 52 133 48 66 75 AUG Eff 79 185	280 192 133 202 Inf 253 138	56 39 56 SEP Eff 73 70	137 291 217 201 212 Inf 329 234	Eff 60 66 149 85 90  OCT Eff 63 121	209 215 137 188 187 Inf 129 169	Eff 106 150 83 147 122 NOV Eff 26 110	167 135 204 157 166 Inf 196 181	Eff 155 67 58 51 83  DEC Eff 84 81
1 2 3 4 Average	150 153 115 127 136	Eff 49 60 47 75 58 JAN Eff 114	158 125 157 107 137 Inf 185	58 51 73 57 60 FEB Eff	206 154 164 180 176 Inf	Eff 47 72 56 79 64  MAR Eff 121 61 127	88 185 198 157 Inf 223	Eff 32 29 93 51 APR Eff 99 90 84	215 219 131 169 184 Inf 152 178 192	Eff 45 59 41 120 66 MAY Eff 63 177 163	203 139 147 250 185 COPPI Inf	Eff  95 133 53 52 83 ER (ug/L JUN Eff 226 69 95	156 73 210 197 159 ) 2001 Inf 160	Eff 199 213 366 98 219 JUL Eff 90	156 191 162 174 171 Inf 185	Eff 52 133 48 66 75 AUG Eff 79	280 192 133 202 Inf 253 138 274	Eff 74 56 39 56 SEP Eff 73	137 291 217 201 212 Inf 329 234 122	Eff 60 66 149 85 90 OCT Eff 63 121 256	209 215 137 188 187 Inf 129 169 109	Eff 106 150 83 147 122 NOV Eff 26 110 94	167 135 204 157 166 Inf 196 181 198	Eff 155 67 58 51 83  DEC Eff 84 81 91
1 2 3 4 Average  Week 1 2 3 4	150 153 115 127 136 Inf 193 202 194	Eff 49 60 47 75 58  JAN Eff 114 141 93	158 125 157 107 137 Inf 185 158	58 51 73 57 60 FEB Eff 98 205	206 154 164 180 176 Inf 174 162 204	Eff 47 72 56 79 64  MAR Eff 121 61	88 185 198 157 Inf 223 168 177	8 Eff 32 29 93 51 APR Eff 99 90	215 219 131 169 184 Inf 152 178	## Eff ## 45	203 139 147 250 185 COPPI Inf 165 268 207	95 133 53 52 83 ER (ug/L JUN Eff 226 69	156 73 210 197 159 ) 2001 Inf 160 164	Eff 199 213 366 98 219 JUL Eff 90 68	156 191 162 174 171 171 Inf 185 327 323	Eff 52 133 48 66 75 AUG Eff 79 185 174	280 192 133 202 Inf 253 138	Eff 74 56 39 56 SEP Eff 73 70 149	137 291 217 201 212 Inf 329 234	Eff 60 66 149 85 90  OCT Eff 63 121	209 215 137 188 187 Inf 129 169	Eff 106 150 83 147 122 NOV Eff 26 110	167 135 204 157 166 Inf 196 181	Eff 155 67 58 51 83  DEC Eff 84 81
1 2 3 4 Average	150 153 115 127 136 Inf 193 202 194 186	Eff 49 60 47 75 58  JAN Eff 114 141 93 112	158 125 157 107 137 Inf 185 158 197	Eff 58 51 73 57 60  FEB Eff 98 205 157	206 154 164 180 176 Inf 174 162 204 165	Eff 47 72 56 79 64  MAR Eff 121 61 127 92	88 185 198 157 Inf 223 168 177 185	Eff 32 29 93 51 APR Eff 99 90 84 88	215 219 131 169 184 Inf 152 178 192 270	Eff 45 59 41 120 66  MAY Eff 63 177 163 102	203 139 147 250 185 COPPI Inf 165 268 207 131	Eff  95 133 53 52 83 ER (ug/L JUN Eff  226 69 95 88	156 73 210 197 159 ) 2001 Inf 160 164 178	Eff 199 213 366 98 219  JUL Eff 90 68 159	156 191 162 174 171 Inf 185 327 323 157	Eff 52 133 48 66 75 AUG Eff 79 185 174 141	280 192 133 202 Inf 253 138 274 197	Eff 74 56 39 56 SEP Eff 73 70 149 176	137 291 217 201 212 Inf 329 234 122 218	Eff 60 66 149 85 90  OCT Eff 63 121 256 91	209 215 137 188 187 Inf 129 169 109 162	Eff 106 150 83 147 122 NOV Eff 26 110 94 109	167 135 204 157 166 Inf 196 181 198 185	Eff  155 67 58 51 83  DEC Eff 84 81 91 85
1 2 3 4 Average  Week 1 2 3 4	150 153 115 127 136 Inf 193 202 194 186	Eff 49 60 47 75 58  JAN Eff 114 141 93 112	158 125 157 107 137 Inf 185 158 197	Eff 58 51 73 57 60  FEB Eff 98 205 157	206 154 164 180 176 Inf 174 162 204 165	Eff 47 72 56 79 64  MAR Eff 121 61 127 92 100	88 185 198 157 Inf 223 168 177 185	Eff 32 29 93 51 APR Eff 99 90 84 88 90	215 219 131 169 184 Inf 152 178 192 270	Eff 45 59 41 120 66  MAY Eff 63 177 163 102 126	203 139 147 250 185 COPPI Inf 165 268 207 131	Eff 95 133 53 52 83 ER (ug/L JUN Eff 226 69 95 88 120 ER (ug/L	156 73 210 197 159 ) 2001 Inf 160 164 178	Eff 199 213 366 98 219  JUL Eff 90 68 159	156 191 162 174 171 Inf 185 327 323 157	Eff 52 133 48 66 75 AUG Eff 79 185 174 141	280 192 133 202 Inf 253 138 274 197	Eff 74 56 39 56 SEP Eff 73 70 149 176	137 291 217 201 212 Inf 329 234 122 218	Eff 60 66 149 85 90  OCT Eff 63 121 256 91 133	209 215 137 188 187 Inf 129 169 109 162	Eff 106 150 83 147 122 NOV Eff 26 110 94 109	167 135 204 157 166 Inf 196 181 198 185	Eff  155 67 58 51 83  DEC Eff 84 81 91 85 85
1 2 3 4 Average  Week 1 2 3 4 Average	150 153 115 127 136 Inf 193 202 194 186 194	Eff 49 60 47 75 58  JAN Eff 114 141 93 112 115	158 125 157 107 137 Inf 185 158 197	Eff 58 51 73 57 60  FEB Eff 98 205 157  153	206 154 164 180 176 Inf 174 162 204 165 176	Eff 47 72 56 79 64  MAR Eff 121 61 127 92 100  MAR	88 185 198 157 Inf 223 168 177 185 188	Eff  32 29 93  51  APR Eff 99 84 88 90  APR	215 219 131 169 184 Inf 152 178 192 270 198	Eff 45 59 41 120 66 MAY Eff 63 177 163 102 126 MAY	203 139 147 250 185 COPPI Inf 165 268 207 131 193	Eff 95 133 53 52 83 ER (ug/L JUN Eff 226 69 95 88 120 ER (ug/L JUN L GREEN L G	156 73 210 197 159 ) 2001 Inf 160 164 178	Eff 199 213 366 98 219  JUL Eff 90 68 159  106	156 191 162 174 171 171 Inf 185 327 323 157 248	Eff 52 133 48 66 75 AUG Eff 79 185 174 141 145 AUG	280 192 133 202 Inf 253 138 274 197 216	Eff 74 56 39 56 SEP Eff 73 70 149 176 117 SEP	137 291 217 201 212 Inf 329 234 122 218 226	Eff 60 66 149 85 90  OCT Eff 63 121 256 91 133	209 215 137 188 187 Inf 129 169 109 162 142	Eff  106 150 83 147 122  NOV Eff 26 110 94 109 85	167 135 204 157 166 Inf 196 181 198 185 190	Eff  155 67 58 51 83  DEC Eff 84 81 91 85 85  DEC
1 2 3 4 Average  Week 1 2 3 4 Average	150 153 115 127 136 Inf 193 202 194 186 194	Eff 49 60 47 75 58  JAN Eff 114 141 93 112 115  JAN Eff	158 125 157 107 137 137 Inf 185 158 197	Eff 58 51 73 57 60  FEB Eff 98 205 157  153	206 154 164 180 176 Inf 174 162 204 165 176	Eff  47 72 56 79 64  MAR Eff 121 61 127 92 100  MAR Eff	88 185 198 157 157 Inf 223 168 177 185 188	Eff  32 29 93 51  APR Eff 99 90 84 88 90  APR Eff	215 219 131 169 184 Inf 152 178 192 270 198	Eff 45 59 41 120 66 MAY Eff 63 177 163 102 126 MAY Eff	203 139 147 250 185 COPPI Inf 165 268 207 131 193 COPPI	Eff 95 133 53 52 83 ER (ug/L JUN Eff 226 69 95 88 120 ER (ug/L JUN Eff Ug/L JUN Eff Ug/L JUN Eff	156 73 210 197 159 ) 2001 Inf 160 164 178 167 ) 2002 Inf	Eff 199 213 366 98 219  JUL Eff 90 68 159  106  JUL Eff	156 191 162 174 171 171 Inf 185 327 323 157 248	Eff 52 133 48 66 75 AUG Eff 141 145 AUG Eff	280 192 133 202 Inf 253 138 274 197 216	Eff 74 56 39 56 SEP Eff 73 70 149 176 117 SEP Eff	137 291 217 201 212 Inf 329 234 122 218 226	Eff 60 66 149 85 90  OCT Eff 63 121 256 91 133  OCT Eff	209 215 137 188 187 Inf 129 169 109 162 142	Eff  106 150 83 147 122  NOV Eff 26 110 94 109 85  NOV Eff	167 135 204 157 166 Inf 196 181 198 185 190	Eff 155 67 58 51 83  DEC Eff 84 81 91 85 85  DEC Eff
1 2 3 4 Average  Week 1 2 3 4 Average  Week 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	150 153 115 127 136 Inf 193 202 194 186 194 Inf 140	Eff 49 60 47 75 58  JAN Eff 114 141 93 112 115  JAN Eff 49	158 125 157 107 137 137 185 158 197 180	Eff 58 51 73 57 60  FEB Eff 98 205 157  153  FEB Eff 42	206 154 164 180 176 176 174 162 204 165 176	Eff 47 72 56 79 64  MAR Eff 121 61 127 92 100  MAR Eff 185	88 185 198 157 157 Inf 223 168 177 185 188	Eff 32 29 93 51  APR Eff 99 84 88 90  APR Eff 59	215 219 131 169 184 Inf 152 178 192 270 198	Eff  45 59 41 120 66  MAY Eff 63 177 163 102 126  MAY Eff 39	203 139 147 250 185 COPPI Inf 165 268 207 131 193 COPPI Inf	Eff 95 133 53 52 83 ER (ug/L JUN Eff 226 69 95 88 120 ER (ug/L JUN Eff Ug/L JUN Eff 107	156 73 210 197 159 ) 2001 Inf 160 164 178 167 ) 2002 Inf 174	Eff 199 213 366 98 219  JUL Eff 90 68 159  106  JUL Eff 115	156 191 162 174 171 171 Inf 185 327 323 157 248	Eff 52 133 48 66 75 AUG Eff 79 185 174 141 145 AUG Eff 39	280 192 133 202 Inf 253 138 274 197 216	Eff 74 56 39 56 SEP Eff 73 70 149 176 117 SEP Eff 44	137 291 217 201 212 Inf 329 234 122 218 226	Eff 60 66 149 85 90  OCT Eff 63 121 256 91 133  OCT Eff 51	209 215 137 188 187 Inf 129 169 109 162 142 Inf 202	Eff  106 150 83 147 122  NOV Eff 26 110 94 109 85  NOV Eff 38	167 135 204 157 166 Inf 196 181 198 185 190	Eff 155 67 58 51 83  DEC Eff 84 81 91 85 85  DEC Eff 60
1 2 3 4 Average  Week 1 2 3 4 Average	150 153 115 127 136 Inf 193 202 194 186 194	Eff 49 60 47 75 58  JAN Eff 114 141 93 112 115  JAN Eff	158 125 157 107 137 137 Inf 185 158 197	Eff 58 51 73 57 60  FEB Eff 98 205 157  153	206 154 164 180 176 Inf 174 162 204 165 176	Eff  47 72 56 79 64  MAR Eff 121 61 127 92 100  MAR Eff	88 185 198 157 157 Inf 223 168 177 185 188	Eff  32 29 93 51  APR Eff 99 90 84 88 90  APR Eff	215 219 131 169 184 Inf 152 178 192 270 198	Eff 45 59 41 120 66 MAY Eff 63 177 163 102 126 MAY Eff	203 139 147 250 185 COPPI Inf 165 268 207 131 193 COPPI	Eff 95 133 53 52 83 ER (ug/L JUN Eff 226 69 95 88 120 ER (ug/L JUN Eff Ug/L JUN Eff Ug/L JUN Eff	156 73 210 197 159 ) 2001 Inf 160 164 178 167 ) 2002 Inf	Eff 199 213 366 98 219  JUL Eff 90 68 159  106  JUL Eff	156 191 162 174 171 171 Inf 185 327 323 157 248	Eff 52 133 48 66 75 AUG Eff 141 145 AUG Eff	280 192 133 202 Inf 253 138 274 197 216	Eff 74 56 39 56 SEP Eff 73 70 149 176 117 SEP Eff	137 291 217 201 212 Inf 329 234 122 218 226	Eff 60 66 149 85 90  OCT Eff 63 121 256 91 133  OCT Eff	209 215 137 188 187 Inf 129 169 109 162 142	Eff  106 150 83 147 122  NOV Eff 26 110 94 109 85  NOV Eff	167 135 204 157 166 Inf 196 181 198 185 190	Eff 155 67 58 51 83  DEC Eff 84 81 91 85 85  DEC Eff
1 2 3 4 Average  Week 1 2 3 4 Average  Week 1 2 2 3 4 Average	150 153 115 127 136 Inf 193 202 194 186 194 Inf 140 194	Eff 49 60 47 75 58  JAN Eff 114 141 93 112 115  JAN Eff 49 49	158 125 157 107 137 137 185 158 197 180 Inf 126 223	Eff 58 51 73 57 60  FEB Eff 98 205 157  153  FEB Eff 42 72	206 154 164 180 176 176 174 162 204 165 176	Eff  47 72 56 79 64  MAR Eff 121 61 127 92 100  MAR Eff 185 45	88 185 198 157 157 Inf 223 168 177 185 188	Eff  32 29 93 51  APR Eff 99 90 84 88 90  APR Eff 59 46	215 219 131 169 184 Inf 152 178 192 270 198	Eff  45 59 41 120 66  MAY Eff 63 177 163 102 126  MAY Eff 39 101	203 139 147 250 185 COPPI Inf 165 268 207 131 193 COPPI Inf 139 139	Eff 95 133 53 52 83 ER (ug/L JUN Eff 226 69 95 88 120 ER (ug/L JUN Eff 107 76	156 73 210 197 159 ) 2001 Inf 160 164 178  167 ) 2002 Inf 174 252	Eff 199 213 366 98 219  JUL Eff 90 68 159  106  JUL Eff 115 67	156 191 162 174 171 171 185 327 323 157 248 Inf 120 144	Eff 52 133 48 66 75 AUG Eff 79 185 174 141 145 AUG Eff 39 65	280 192 133 202 Inf 253 138 274 197 216	Eff 74 56 39 56 SEP Eff 73 70 149 176 117 SEP Eff 44 219	137 291 217 201 212 212 218 226 Inf 127 179	Eff 60 66 149 85 90  OCT Eff 63 121 256 91 133  OCT Eff 51 89	209 215 137 188 187 Inf 129 169 109 162 142 Inf 202 199	Eff  106 150 83 147 122  NOV Eff 26 110 94 109 85  NOV Eff 38 134	167 135 204 157 166 Inf 196 181 198 185 190	Eff 155 67 58 51 83  DEC Eff 84 81 91 85 85  DEC Eff 60 89
1 2 3 4 Average  Week 1 2 3 4 Average  Week 1 2 3 3 4 Average	150 153 115 127 136 Inf 193 202 194 186 194 Inf 140 194	Eff 49 60 47 75 58  JAN Eff 114 141 93 112 115  JAN Eff 49 49	158 125 157 107 137 137 185 158 197 180 Inf 126 223 140	Eff 58 51 73 57 60  FEB Eff 98 205 157  153  FEB Eff 42 72 154	206 154 164 180 176 176 174 162 204 165 176	Eff 47 72 56 79 64  MAR Eff 121 61 127 92 100  MAR Eff 185 45 122	88 185 198 157 157 223 168 177 185 188 Inf 156 161 135	Eff 32 29 93 51 APR Eff 99 90 84 88 90 APR Eff 59 46 45	215 219 131 169 184 Inf 152 178 192 270 198	Eff  45 59 41 120 66  MAY Eff 63 177 163 102 126  MAY Eff 39 101	203 139 147 250 185 COPPI Inf 165 268 207 131 193 COPPI Inf 139 139 143	Eff 95 133 53 52 83 ER (ug/L JUN Eff 226 69 95 88 120 ER (ug/L JUN Eff 107 76 41	156 73 210 197 159 ) 2001 Inf 160 164 178 167 ) 2002 Inf 174 252 231	Eff 199 213 366 98 219  JUL Eff 90 68 159  106  JUL Eff 115 67 29	156 191 162 174 171 171 185 327 323 157 248 Inf 120 144 197	Eff 52 133 48 66 75 AUG Eff 79 185 174 141 145 AUG Eff 39 65 75	280 192 133 202 Inf 253 138 274 197 216 Inf 117 156 119	Eff 74 56 39 56 SEP Eff 73 70 149 176 117 SEP Eff 44 219 76	137 291 217 201 212 Inf 329 234 122 218 226	Eff 60 66 149 85 90  OCT Eff 63 121 256 91 133  OCT Eff 51 89 78	209 215 137 188 187 Inf 129 169 109 162 142 Inf 202 199	Eff  106 150 83 147 122  NOV Eff 26 110 94 109 85  NOV Eff 38 134	167 135 204 157 166 181 198 185 190 Inf 159 159 143	Eff 155 67 58 51 83  DEC Eff 84 81 91 85 85  DEC Eff 60 89 45

											LEAD	) (ug/L)	1997											
		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										
1	<18	<18	<18	<18	<18	<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
3	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	26	<18
4	<18	<18	<18	<18	<18	<18			<18	<18	<18	<18	<18	<18	<18	<18			<18	<18	<18	<18	<18	<18
Average	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	7	<18
											LEAD	) (ug/L)	1998											
		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										
1	<18	<18	<18	<18	<18	<18	<18	25	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18
2 3	<18	<18	<18 <18	<18	29 19	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18
4	<18 <18	<18 <18	< 10	<18	41	<18 <18	<18 28	<18 <18	<18 <18	<18 <18	<18 <18	<18 <18	<18	<18	<18 <18	<18 <18	<18 <18	<18 <18	<18 <18	46 <18	<18 <18	<18 <18	<18 <18	<18 <18
Average	<18	<18	<18	<18	22	<18	7	6	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	12	<18	<18	<18	<18
J											LEAF	) (ug/L)	1000											
		JAN		FEB		MAR		APR		MAY	LEAL	JUN	1999	JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff										
1	<18	<18	<18	<18	<18	<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
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
Average	<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)	2000											
		JAN		FEB		MAR		APR		MAY		JŪN		JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff										
1	<18	<18	<18	<18	<18	<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
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 Average	<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 <18
Average	<10	<10	<10	<10	<10	< 10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
		JAN		FEB		MAR		APR		MAY	LEAD	) (ug/L) JUN	2001	JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff										
1	<18	<18	<18	<18	<18	<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
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	<18	<18			<18	<18	<18	<18	<18	<18	<18	<18	<18	<18
Average	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18
											ΙΕΑΓ	) (ug/L)	2002											
		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										
1	<18	<18	<18	<18	<18	<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	25	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18
			,10	,10	,10	,10	,10	,10			,10	,10	,10	,10	,10	,10	,10	,10	,10	,10		.10	,10	-10
4 Average	<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

											MICKE	EL (ug/L)	1007											
		JAN		FEB		MAR		APR		MAY	MICK	JUN	1777	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	<14	<14	18	<14	25	<14	<14	<14	<14	<14	<14	<14	<14	<14	22	20	<14	<14	<14	16	17	<14	<14	<14
2	<14	<14	20	19	18	<14	<14	<14	<14	<14	24	<14	<14	<14	23	22	28	<14	<14	18	<14	<14	18	<14
3	<14	<14	20	<14	<14	<14	<14	<14	<14	<14	24	<14	<14	<14	<14	<14	20	<14	<14	<14	<14	<14	<14	<14
4	<14	<14	<14	<14	<14	17			<14	<14	17	<14	<14	<14	<14	<14			32	<14	<14	17	<14	<14
Average	<14	<14	15	5	11	4	<14	<14	<14	<14	16	<14	<14	<14	11	11	<14	<14	8	9	4	4	5	<14
											NICKE	EL (ug/L)	1998											
		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	<14	<14	<14	<14	<14	<14	<14	<14	<14	<14	<14	<14	<14	<14	<14	<14	29	20	<14	<14	29	<14	<14	<14
2	19	<14	<14	<14	21	<14	31	<14	<14	<14	<14	<14	<14	<14	<14	<14	26	<14	<14	<14	<14	<14	<14	<14
3	20 <14	<14	<14	<14	17	<14	<14	<14	18 14	<14	<14	<14	<14	<14	<14	<14	<14	<14	22	<14	31 25	<14	<14	<14
4 Average	10	<14 <14	<14	<14	<14 10	<14 <14	16 12	<14 <14	8	<14 <14	<14 <14	<14	<14	<14	20 5	<14 <14	<14 14	17 9	<14	<14 <14	21	<14 <14	<14	<14 <14
Werage	10	\ 1 <del>-</del> 1	\1 <del>1</del>	\ 1 <del>-</del>	10	114	12	\ 1 <del>-</del>	Ü	114	\ 1 <del>-</del>	\1 <del>1</del>	117	117	3	114	14	,	Ü	114	21	×14	\1+	\1+
											NICKE	EL (ug/L)	1999											
147		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	45	<14	<14	<14	<14	<14	<14	<14	<14	<14	<14	<14	<14	<14	20	<14	<14	<14	<14	<14	<14	<14	20	<14
2 3	<14 <14	<14 <14	<14 <14	<14 <14	<14 <14	<14 <14	<14 <14	<14 <14	<14 <14	<14 <14	16 <14	<14 <14	<14 <14	<14 <14	<14 <14	<14 <14	<14 <14	<14 <14	<14 <14	<14 <14	<14 <14	<14 <14	27 21	<14 <14
4	14	14	<14	<14	<14	<14	17	<14	14	114	17	<14	<14	<14	<14	<14	<14	15	<14	<14	14	\1 <del>4</del>	<14	29
Average	15	<14	<14	<14	<14	<14	4	<14	<14	<14	8	<14	<14	<14	5	<14	<14	4	<14	<14	<14	<14	17	7
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Week	Inf <14	Eff	Inf <14	Eff	Inf <14	Eff	Inf <14	Eff	Inf 15	Eff	Inf	JUN Eff	Inf	Eff	<u>Inf</u> 19	Eff	Inf <14	Eff	<u>Inf</u> 15	Eff	Inf <14	Eff	Inf <14	Eff
1	<14	Eff <14	<14	Eff <14	<14	Eff <14	<14	Eff 19	15	Eff <14	Inf <14	JUN Eff <14	Inf 19	Eff 19	19	Eff <14	<14	Eff <14	15	Eff <14	<14	Eff <14	<14	Eff <14
		Eff		Eff		Eff		Eff		Eff	Inf	JUN Eff	Inf	Eff		Eff		Eff		Eff		Eff		Eff
1 2	<14 <14	<14 <14	<14 <14	<14 <14	<14 <14	<14 <14	<14 <14	Eff 19 <14	15 <14	Eff <14 <14	Inf <14 <14	JUN Eff <14 <14	Inf 19 16	Eff 19 19	19 31	Eff <14 72	<14 <14	Eff <14 <14	15 30	Eff <14 <14	<14 <14	Eff <14 <14	<14 <14	<14 <14
1 2 3	<14 <14 <14	<14 <14 <14	<14 <14 <14	<14 <14 <14	<14 <14 <14	<14 <14 <14	<14 <14	Eff 19 <14	15 <14 19	<pre>Eff &lt;14 &lt;14 24</pre>	Inf <14 <14 <14	JUN Eff <14 <14 <14	Inf 19 16 <14	Eff 19 19 26	19 31 34	<pre>Eff &lt;14 72 33</pre>	<14 <14	Eff <14 <14	15 30 <14	<14 <14 <14	<14 <14 <14	<14 <14 <14	<14 <14 <14	<14 <14 <14
1 2 3 4	<14 <14 <14 <14	Eff <14 <14 <14 <14	<14 <14 <14 <14	Eff <14 <14 <14 <14	<14 <14 <14 <14	Eff <14 <14 <14 16	<14 <14 16	Eff 19 <14 <14	15 <14 19 19	Eff <14 <14 24 <14	Inf <14 <14 <14 15	JUN Eff <14 <14 <14 <14 <14 <14 <14 <14 <14 <14	Inf 19 16 <14 16	Eff 19 19 26 <14	19 31 34 26	<pre>Eff &lt;14 72 33 &lt;14</pre>	<14 <14 <14	Eff <14 <14 <14	15 30 <14 <14	Eff <14 <14 <14	<14 <14 <14 <14	Eff <14 <14 <14 <14	<14 <14 <14 <14	<pre>Eff &lt;14 &lt;14 &lt;14 &lt;14</pre>
1 2 3 4	<14 <14 <14 <14	Eff <14 <14 <14 <14	<14 <14 <14 <14	Eff <14 <14 <14 <14	<14 <14 <14 <14	Eff <14 <14 <14 16	<14 <14 16	Eff 19 <14 <14	15 <14 19 19	Eff <14 <14 24 <14	Inf <14 <14 <14 15	JUN Eff <14 <14 <14 <14	Inf 19 16 <14 16	Eff 19 19 26 <14	19 31 34 26	<pre>Eff &lt;14 72 33 &lt;14</pre>	<14 <14 <14	Eff <14 <14 <14	15 30 <14 <14	Eff <14 <14 <14	<14 <14 <14 <14	Eff <14 <14 <14 <14	<14 <14 <14 <14	<pre>Eff &lt;14 &lt;14 &lt;14 &lt;14</pre>
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		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	<0.27	<0.27	0.50	<0.27	<0.27	<0.27	<0.27	<0.27	0.40	<0.27	0.27	<0.27	<0.27	<0.27	0.32	<0.27	<0.27	<0.27	0.33	<0.27	0.32	<0.27	0.48	<0.27
2	<0.27	<0.27	0.36	<0.27	<0.27	<0.27	0.52	0.32	0.37	<0.27	NA O 44	NA 0.27	0.57	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	0.46	<0.27
3 4	0.53 0.32	0.38 <0.27	0.48 0.38	0.38 <0.27	<0.27 <0.27	<0.27 <0.27	0.53	0.40	0.38 0.41	<0.27 <0.27	0.44 <0.27	<0.27 <0.27	0.55 0.58	<0.27 <0.27	<0.27 0.36	<0.27 <0.27	0.39	<0.27	<0.27 0.47	<0.27 <0.27	<0.27 0.70	<0.27 <0.27	<0.27 <0.27	<0.27 <0.27
Average		<0.27	0.43	0.10	<0.27	<0.27	0.35	0.24	0.39	<0.27	0.24	<0.27	0.43	<0.27	0.08	<0.27	0.13	<0.27	0.08	<0.27	0.70	<0.27	0.24	<0.27
Average	0.21	10.27	0.43	0.10	10.27	10.27	0.55	0.24	0.57	\0.27	0.24	10.27	0.43	10.27	0.00	10.27	0.13	10.27	0.00	₹0.27	0.10	VO.27	0.24	VO.27
		1001		FED				4.00		1441/	MERCU	JRY (ug/l	_) 1998			4110		CED		0.07		NOV		DEO
Mook	Inf	JAN Eff	Inf	FEB Eff	Inf	MAR 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
Week 1	Inf <0.27	<0.27	Inf <0.27	<0.27	0.42	0.38	0.66	0.43	Inf <0.27	<0.27	Inf <0.27	<0.27	Inf <0.27	<0.27	<0.27	<0.27	<0.27	<0.27	Inf <0.27	<0.27	Inf 0.64	<0.27	Inf 0.77	0.51
2	<0.27	<0.27	0.37	<0.27	0.30	<0.27	0.48	<0.27	0.51	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	0.37	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27
3	0.89	<0.27	<0.27	<0.27	0.48	<0.27	<0.27	<0.27	0.57	<0.27	<0.27	<0.27	0.30	<0.27	0.37	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27
4	0.39	<0.27			<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	0.99	<0.27			0.33	<0.27	<0.27	<0.27	0.32	0.45	<0.27	<0.27	<0.27	<0.27
Average	0.32	<0.27	0.12	<0.27	0.30	0.10	0.29	0.11	0.27	<0.27	0.25	<0.27	0.10	<0.27	0.18	<0.27	0.09	<0.27	0.08	0.11	0.16	<0.27	0.19	0.13
											MERCI	JRY (ug/l	) 1999											
		JAN		FEB		MAR		APR		MAY	WEROC	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	<0.27	<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	0.34	<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	<0.27	<0.27	0.54	0.44	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	0.41	<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 Average	<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	<0.27	<0.27	0.42	<0.27	<0.27	<0.27	<0.27	<0.27
Average	<0.27	(0.27	<0.27	<0.27	<0.27	<0.27	0.20	0.11	<0.27	<0.27	0.14	<0.27	<0.27	<0.27	0.17	<0.27	0.11	<0.27	0.11	<0.27	<0.27	<0.27	<0.27	<0.27
											MERCU	JRY (ug/l	_) 2000											
Wo ak	lm£	JAN	lm f	FEB	lm#	MAR	ln¢.	APR	ln f	MAY		JÙŇ		JUL	ln f	AUG	ln¢.	SEP	l m f	OCT	l m É	NOV	lm£	DEC
Week	Inf	Eff	Inf 0.54	Eff	Inf -0.27	Eff	Inf -0.27	Eff	Inf 0.96	Eff	Inf	JUN Eff	Inf	Eff	Inf	Eff	Inf -0.27	Eff	Inf	Eff	Inf	Eff	Inf -0.27	Eff
1	<0.27	Eff <0.27	0.54	Eff <0.27	<0.27	Eff <0.27	<0.27	Eff <0.27	0.86	Eff <0.27	Inf <0.27	JUN Eff <0.27	Inf 0.33	Eff <0.27	<0.27	Eff <0.27	<0.27	Eff <0.27	0.71	Eff <0.27	<0.27	Eff <0.27	<0.27	Eff <0.27
1 2	<0.27 <0.27	Eff <0.27 <0.27	0.54 <0.27	Eff <0.27 <0.27	<0.27 0.46	Eff <0.27 <0.27	<0.27 <0.27	Eff <0.27 <0.27	0.86 <0.27	Eff <0.27 <0.27	Inf <0.27 <0.27	JUN Eff <0.27 <0.27	Inf 0.33 <0.27	Eff <0.27 <0.27	<0.27 <0.27	Eff <0.27 <0.27	<0.27 <0.27	Eff <0.27 <0.27	0.71 <0.27	Eff <0.27 0.27	<0.27 <0.27	Eff <0.27 <0.27	<0.27 <0.27	Eff <0.27 <0.27
1	<0.27	Eff <0.27	0.54	Eff <0.27	<0.27	Eff <0.27	<0.27	Eff <0.27	0.86	Eff <0.27	Inf <0.27	JUN Eff <0.27	Inf 0.33	Eff <0.27	<0.27	Eff <0.27	<0.27	Eff <0.27	0.71	Eff <0.27	<0.27	Eff <0.27	<0.27	Eff <0.27
1 2 3	<0.27 <0.27 <0.27 <0.27	<pre>Eff &lt;0.27 &lt;0.27 &lt;0.27</pre>	0.54 <0.27 <0.27	Eff <0.27 <0.27 <0.27	<0.27 0.46 <0.27	Eff <0.27 <0.27 <0.27	<0.27 <0.27	Eff <0.27 <0.27	0.86 <0.27 0.38	Eff <0.27 <0.27 <0.27	Inf <0.27 <0.27 <0.27	JUN Eff <0.27 <0.27 <0.27	Inf 0.33 <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	0.71 <0.27 0.37	Eff <0.27 0.27 <0.27	<0.27 <0.27 <0.27	<0.27 <0.27 <0.27	<0.27 <0.27 <0.27	Eff <0.27 <0.27 <0.27
1 2 3 4	<0.27 <0.27 <0.27 <0.27	Eff <0.27 <0.27 <0.27 <0.27	0.54 <0.27 <0.27 <0.27	Eff <0.27 <0.27 <0.27 <0.27	<0.27 0.46 <0.27 <0.27	Eff <0.27 <0.27 <0.27 <0.27	<0.27 <0.27 0.35	<pre>Eff &lt;0.27 &lt;0.27 &lt;0.27&lt;</pre>	0.86 <0.27 0.38 0.46	Eff <0.27 <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 0.33 <0.27 <0.27 <0.27 0.08	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 1.08	<pre>eff &lt;0.27 &lt;0.27 &lt;0.27</pre>	0.71 <0.27 0.37 <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 0.40	Eff <0.27 <0.27 <0.27 <0.27
1 2 3 4	<0.27 <0.27 <0.27 <0.27	Eff <0.27 <0.27 <0.27 <0.27 <0.27	0.54 <0.27 <0.27 <0.27	Eff <0.27 <0.27 <0.27 <0.27 <0.27	<0.27 0.46 <0.27 <0.27	Eff <0.27 <0.27 <0.27 <0.27 <0.27	<0.27 <0.27 0.35	Eff <0.27 <0.27 <0.27 <0.27	0.86 <0.27 0.38 0.46	Eff <0.27 <0.27 <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 JRY (ug/I	Inf 0.33 <0.27 <0.27 <0.27 0.08	Eff <0.27 <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 1.08	Eff <0.27 <0.27 <0.27 <0.27	0.71 <0.27 0.37 <0.27	eff <0.27 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 0.40	<pre>Eff &lt;0.27 &lt;0.27 &lt;0.27 &lt;0.27 &lt;0.27 &lt;0.27</pre>
1 2 3 4 Average	<0.27 <0.27 <0.27 <0.27	Eff <0.27 <0.27 <0.27 <0.27	0.54 <0.27 <0.27 <0.27	Eff <0.27 <0.27 <0.27 <0.27	<0.27 0.46 <0.27 <0.27	Eff <0.27 <0.27 <0.27 <0.27	<0.27 <0.27 0.35	Eff <0.27 <0.27 <0.27 <0.27	0.86 <0.27 0.38 0.46 0.43	Eff <0.27 <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 0.33 <0.27 <0.27 <0.27 0.08	Eff <0.27 <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 1.08 0.36	<pre>eff &lt;0.27 &lt;0.27 &lt;0.27</pre>	0.71 <0.27 0.37 <0.27 0.27	Eff <0.27 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 0.40 0.10	Eff <0.27 <0.27 <0.27 <0.27 <0.27
1 2 3 4	<0.27 <0.27 <0.27 <0.27 <0.27	Eff <0.27 <0.27 <0.27 <0.27 <0.27	0.54 <0.27 <0.27 <0.27 0.14	Eff <0.27 <0.27 <0.27 <0.27 <0.27	<0.27 0.46 <0.27 <0.27 0.12	Eff <0.27 <0.27 <0.27 <0.27 <0.27	<0.27 <0.27 0.35 0.12	Eff <0.27 <0.27 <0.27 <0.27	0.86 <0.27 0.38 0.46	Eff <0.27 <0.27 <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 JRY (ug/I	Inf 0.33 <0.27 <0.27 <0.27 0.08	Eff <0.27 <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 1.08	Eff <0.27 <0.27 <0.27 <0.27	0.71 <0.27 0.37 <0.27	Eff <0.27 0.27 <0.27 <0.27 0.07	<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 0.40	<pre>Eff &lt;0.27 &lt;0.27 &lt;0.27 &lt;0.27 &lt;0.27 &lt;0.27</pre>
1 2 3 4 Average  Week 1 2	<0.27 <0.27 <0.27 <0.27 <0.27 Inf <0.27 <0.27	Eff  <0.27 <0.27 <0.27 <0.27 <0.27  <1.27  JAN Eff  <0.27 <0.27  <0.27	0.54 <0.27 <0.27 <0.27 0.14 Inf <0.27 <0.27	Eff  <0.27 <0.27 <0.27 <0.27 <0.27 <0.27  <0.27  <0.27  FEB Eff <0.27 <0.27	<0.27 0.46 <0.27 <0.27 0.12 Inf <0.27 <0.27	Eff  <0.27 <0.27 <0.27 <0.27 <0.27  <0.27   MAR Eff  <0.27 <0.27	<0.27 <0.27 0.35 0.12 Inf <0.27 <0.27	Eff <0.27 <0.27 <0.27 <0.27  APR Eff <0.27 <0.27	0.86 <0.27 0.38 0.46 0.43	Eff <0.27 <0.27 <0.27 <0.27 <0.27 MAY Eff <0.27 <0.27	Inf <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <1.27 <0.27  Inf 0.36 0.30	JUN Eff < 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 < 0.27 < 0.27 < 0.27 < 0.27 < 0.27 < 0.27	Inf   0.33   <0.27   <0.27   <0.27   0.08	Eff  <0.27 <0.27 <0.27 <0.27 <0.27   JUL Eff  <0.27 <0.27 <0.27	<0.27 <0.27 <0.27 <0.27 <0.27 lnf 0.46 0.34	Eff <0.27 <0.27 <0.27 <0.27 <0.27 AUG Eff <0.27 <0.27	<0.27 <0.27 1.08 0.36 Inf 0.28 0.39	<ul> <li>Eff</li> <li>&lt;0.27</li> <li>&lt;0.27</li> <li>&lt;0.27</li> <li>&lt;0.27</li> </ul>	0.71 <0.27 0.37 <0.27 0.27 Inf 0.39 <0.27	Eff <0.27 0.27 <0.27 <0.27 <0.07  OCT Eff <0.27 <0.27	<0.27 <0.27 <0.27 <0.27 <0.27 Inf <0.27 <0.27	Eff  <0.27 <0.27 <0.27 <0.27 <0.27  <0.27  NOV Eff  <0.27 <0.27	<0.27 <0.27 <0.27 0.40 0.10 Inf <0.27 <0.27	Eff  <0.27 <0.27 <0.27 <0.27 <0.27   DEC Eff  <0.27 <0.27
1 2 3 4 Average  Week 1 2 3	<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  <0.27  JAN Eff <0.27 <0.27 <0.27	0.54 <0.27 <0.27 <0.27 0.14	Eff <0.27 <0.27 <0.27 <0.27 <0.27 FEB Eff <0.27	<0.27 0.46 <0.27 <0.27 0.12 Inf <0.27 <0.27 <0.27	Eff  <0.27 <0.27 <0.27 <0.27 <0.27 <0.27  <0.27   MAR Eff <0.27 <0.27 <0.27 <0.27	<0.27 <0.27 0.35 0.12 Inf <0.27 <0.27 <0.27	Eff <0.27 <0.27 <0.27 <0.27 <0.27  APR Eff <0.27 <0.27 <0.27	0.86 <0.27 0.38 0.46 0.43 Inf <0.27 0.42 0.59	Eff  <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	Inf <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.37 <0.27  Inf 0.36 0.30 0.34	JUN Eff <0.27 <0.27 <0.27 <0.27 <0.27 JUN Eff <0.27 <0.27 <0.27	Inf 0.33 <0.27 <0.27 <0.27 0.08  _) 2001  Inf <0.27	Eff <0.27 <0.27 <0.27 <0.27 <0.27 JUL Eff <0.27	<0.27 <0.27 <0.27 <0.27 <0.27 <0.27 lnf 0.46 0.34 <0.27	Eff <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 AUG Eff <0.27 <0.27 <0.27	<ul> <li>&lt;0.27</li> <li>&lt;0.27</li> <li>1.08</li> <li>0.36</li> <li>Inf</li> <li>0.28</li> <li>0.39</li> <li>&lt;0.27</li> </ul>	SEP Eff <0.27 <0.27 <0.27 <0.27	0.71 <0.27 0.37 <0.27 0.27 Inf 0.39 <0.27 <0.27	COLUMN CO	<0.27 <0.27 <0.27 <0.27 <0.27 <0.27 lnf <0.27 <0.27 0.32	<ul> <li>Eff</li> <li>&lt;0.27</li> <li>&lt;0.27</li> <li>&lt;0.27</li> <li>&lt;0.27</li> <li>&lt;0.27</li> <li>&lt;0.27</li> </ul>	<0.27 <0.27 <0.27 0.40 0.10 Inf <0.27 <0.27 <0.27	Eff  <0.27 <0.27 <0.27 <0.27 <0.27  <0.27  <0.27   DEC Eff  <0.27 <0.27 <0.27
1 2 3 4 Average  Week 1 2 3 4	<0.27 <0.27 <0.27 <0.27 <0.27 <0.27 lnf <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 <0.27  co.27  co.27 <0.27 <0.27 <0.27 <0.27	0.54 <0.27 <0.27 <0.27 0.14 Inf <0.27 <0.27	Eff <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27	<pre> &lt;0.27   0.46   &lt;0.27   &lt;0.27   0.12  Inf   &lt;0.27   &lt;0.27   &lt;0.27   &lt;0.27   &lt;0.27 </pre>	Eff  <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	<pre> &lt;0.27   &lt;0.27   0.35  0.12  Inf   &lt;0.27   &lt;0.27   &lt;0.27   &lt;0.27 </pre>	Eff  <0.27 <0.27 <0.27 <0.27  <0.27  APR Eff <0.27 <0.27 <0.27 <0.27 <0.27	0.86 <0.27 0.38 0.46 0.43 Inf <0.27 0.42 0.59 0.41	Eff  <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	Inf <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 MERCU Inf 0.36 0.30 0.34 0.29	JUN Eff <0.27 <0.27 <0.27 <0.27 <0.27 <1.27 JUN Eff <0.27 <0.27 <0.27 <0.27	Inf 0.33 <0.27 <0.27 <0.27  0.08  _) 2001  Inf <0.27 <0.27 <0.27	Eff <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27  <0.27	<pre> &lt;0.27   &lt;0.27   &lt;0.27   &lt;0.27   &lt;0.27   &lt;0.27  &lt;0.27  &lt;0.27 </pre>	Eff  <0.27 <0.27 <0.27 <0.27 <0.27 <0.27  <0.27  <0.27  <0.27  AUG Eff <0.27 <0.27 <0.27 <0.27 <0.27	<ul> <li>&lt;0.27</li> <li>&lt;0.27</li> <li>1.08</li> <li>0.36</li> <li>Inf</li> <li>0.28</li> <li>0.39</li> <li>&lt;0.27</li> <li>&lt;0.27</li> </ul>	Eff <0.27 <0.27 <0.27 <0.27 <0.27  SEP Eff <0.27 <0.27 <0.27 <0.27 <0.27	0.71 <0.27 0.37 <0.27 0.27 0.27 lnf 0.39 <0.27 <0.27 <0.27	COLT Eff COLT COLT COLT COLT COLT COLT COLT COLT	<0.27 <0.27 <0.27 <0.27 <0.27 <0.27 lnf <0.27 <0.27 0.32 0.47	Eff <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27  NOV Eff <0.27 <0.27 <0.27 <0.27 <0.27	<pre>&lt;0.27 &lt;0.27 &lt;0.27 0.40 0.10  Inf &lt;0.27 &lt;0.27 &lt;0.27 &lt;0.27 &lt;0.27&lt;&lt;0.27</pre>	Eff  <0.27 <0.27 <0.27 <0.27 <0.27  <0.27   DEC Eff  <0.27 <0.27 <0.27 <0.27 <0.27 <0.27
1 2 3 4 Average  Week 1 2 3	<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  <0.27  JAN Eff <0.27 <0.27 <0.27	0.54 <0.27 <0.27 <0.27 0.14 Inf <0.27 <0.27	Eff  <0.27 <0.27 <0.27 <0.27 <0.27 <0.27  <0.27  <0.27  FEB Eff <0.27 <0.27	<0.27 0.46 <0.27 <0.27 0.12 Inf <0.27 <0.27 <0.27	Eff  <0.27 <0.27 <0.27 <0.27 <0.27 <0.27  <0.27  <0.27   MAR Eff <0.27 <0.27 <0.27	<0.27 <0.27 0.35 0.12 Inf <0.27 <0.27 <0.27	Eff <0.27 <0.27 <0.27 <0.27 <0.27  APR Eff <0.27 <0.27 <0.27	0.86 <0.27 0.38 0.46 0.43 Inf <0.27 0.42 0.59	Eff  <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	Inf <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.37 <0.27  Inf 0.36 0.30 0.34	JUN Eff <0.27 <0.27 <0.27 <0.27 <0.27 JUN Eff <0.27 <0.27 <0.27	Inf   0.33   <0.27   <0.27   <0.27   0.08	Eff  <0.27 <0.27 <0.27 <0.27 <0.27   JUL Eff  <0.27 <0.27 <0.27	<0.27 <0.27 <0.27 <0.27 <0.27 <0.27 lnf 0.46 0.34 <0.27	Eff <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 AUG Eff <0.27 <0.27 <0.27	<ul> <li>&lt;0.27</li> <li>&lt;0.27</li> <li>1.08</li> <li>0.36</li> <li>Inf</li> <li>0.28</li> <li>0.39</li> <li>&lt;0.27</li> </ul>	SEP Eff <0.27 <0.27 <0.27 <0.27	0.71 <0.27 0.37 <0.27 0.27 Inf 0.39 <0.27 <0.27	COLUMN CO	<0.27 <0.27 <0.27 <0.27 <0.27 <0.27 lnf <0.27 <0.27 0.32	<ul> <li>Eff</li> <li>&lt;0.27</li> <li>&lt;0.27</li> <li>&lt;0.27</li> <li>&lt;0.27</li> <li>&lt;0.27</li> <li>&lt;0.27</li> </ul>	<0.27 <0.27 <0.27 0.40 0.10 Inf <0.27 <0.27 <0.27	Eff  <0.27 <0.27 <0.27 <0.27 <0.27  <0.27  <0.27   DEC Eff  <0.27 <0.27 <0.27
1 2 3 4 Average  Week 1 2 3 4	<0.27 <0.27 <0.27 <0.27 <0.27 <0.27 lnf <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 <0.27  co.27  co.27 <0.27 <0.27 <0.27 <0.27	0.54 <0.27 <0.27 <0.27 0.14 Inf <0.27 <0.27	Eff <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27	<pre> &lt;0.27   0.46   &lt;0.27   &lt;0.27   0.12  Inf   &lt;0.27   &lt;0.27   &lt;0.27   &lt;0.27   &lt;0.27 </pre>	Eff  <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	<pre> &lt;0.27   &lt;0.27   0.35  0.12  Inf   &lt;0.27   &lt;0.27   &lt;0.27   &lt;0.27 </pre>	Eff  <0.27 <0.27 <0.27 <0.27  <0.27  APR Eff <0.27 <0.27 <0.27 <0.27 <0.27	0.86 <0.27 0.38 0.46 0.43 Inf <0.27 0.42 0.59 0.41	Eff  <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	Inf <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 MERCU Inf 0.36 0.30 0.34 0.29 0.32	JUN Eff <0.27 <0.27 <0.27 <0.27 <0.27 <1.27 JUN Eff <0.27 <0.27 <0.27 <0.27	Inf 0.33 <0.27 <0.27 <0.27 0.08 _) 2001 Inf <0.27 <0.27 <0.27	Eff <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27  <0.27	<pre> &lt;0.27   &lt;0.27   &lt;0.27   &lt;0.27   &lt;0.27   &lt;0.27  &lt;0.27  &lt;0.27 </pre>	Eff  <0.27 <0.27 <0.27 <0.27 <0.27 <0.27  <0.27  <0.27  <0.27  AUG Eff <0.27 <0.27 <0.27 <0.27 <0.27	<ul> <li>&lt;0.27</li> <li>&lt;0.27</li> <li>1.08</li> <li>0.36</li> <li>Inf</li> <li>0.28</li> <li>0.39</li> <li>&lt;0.27</li> <li>&lt;0.27</li> </ul>	Eff <0.27 <0.27 <0.27 <0.27 <0.27  SEP Eff <0.27 <0.27 <0.27 <0.27 <0.27	0.71 <0.27 0.37 <0.27 0.27 0.27 lnf 0.39 <0.27 <0.27 <0.27	COLT Eff COLT COLT COLT COLT COLT COLT COLT COLT	<0.27 <0.27 <0.27 <0.27 <0.27 <0.27 lnf <0.27 <0.27 0.32 0.47	Eff <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27  NOV Eff <0.27 <0.27 <0.27 <0.27 <0.27	<pre>&lt;0.27 &lt;0.27 &lt;0.27 0.40 0.10  Inf &lt;0.27 &lt;0.27 &lt;0.27 &lt;0.27 &lt;0.27&lt;&lt;0.27</pre>	Eff  <0.27 <0.27 <0.27 <0.27 <0.27  <0.27   DEC Eff  <0.27 <0.27 <0.27 <0.27 <0.27 <0.27
1 2 3 4 Average  Week 1 2 3 4 Average	<0.27 <0.27 <0.27 <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  JAN Eff <0.27 <0.27 <0.27 <0.27 <0.27  JAN AN  AN  AN  BEFF  BEFF	0.54 <0.27 <0.27 <0.27 0.14 Inf <0.27 <0.27 <0.27	Eff  <0.27 <0.27 <0.27 <0.27 <0.27 <0.27  <0.27  <0.27  FEB Eff <0.27 <0.27 <0.27  <0.27  FEB	<0.27 0.46 <0.27 <0.27 0.12 Inf <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   MAR Eff <0.27 <0.27 <0.27 <0.27  <0.27  MAR AR A	<0.27 <0.27 0.35 0.12 Inf <0.27 <0.27 <0.27 <0.27 <0.27	Eff <0.27 <0.27 <0.27 <0.27 <0.27  APR Eff <0.27 <0.27 <0.27 <0.27 <0.27 APR APR	0.86 <0.27 0.38 0.46 0.43 Inf <0.27 0.42 0.59 0.41 0.36	Eff  <0.27 <0.27 <0.27 <0.27 <0.27  <0.27  <0.27   MAY Eff <0.27 <0.27 <0.27 <0.27  <0.27  MAY  MAY	Inf <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.37  Inf 0.36 0.30 0.34 0.29 0.32  MERCU	JUN Eff (0.27	Inf 0.33 <0.27 <0.27 <0.27 0.08  a) 2001  Inf <0.27 <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  JUL Eff <0.27 <0.27 <0.27  JUL SUBJECT  SUBJE	<0.27 <0.27 <0.27 <0.27 <0.27 <0.27 lnf 0.46 0.34 <0.27 <0.27 0.20	Eff <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27  AUG Eff <0.27 <0.27 <0.27 <0.27 <0.27 AUG	<pre>&lt;0.27 &lt;0.27 1.08  0.36  Inf 0.28 0.39 &lt;0.27 &lt;0.27 0.17</pre>	Eff <0.27 <0.27 <0.27 <0.27 <0.27  SEP Eff <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <sep< td=""><td>0.71 &lt;0.27 0.37 &lt;0.27 0.27 0.27 Inf 0.39 &lt;0.27 &lt;0.27 &lt;0.27 0.10</td><td>COLT COLT COLT COLT COLT COLT COLT COLT</td><td>&lt;0.27 &lt;0.27 &lt;0.27 &lt;0.27 &lt;0.27 &lt;0.27 &lt;0.27 &lt;0.27 0.32 0.47 0.20</td><td>Eff &lt;0.27 &lt;0.27 &lt;0.27 &lt;0.27 &lt;0.27 &lt;0.27 &lt;0.27  NOV Eff &lt;0.27 &lt;0.27 &lt;0.27 &lt;0.27 &lt;0.27 &lt;0.27</td><td>&lt;0.27 &lt;0.27 &lt;0.27 0.40 0.10 Inf &lt;0.27 &lt;0.27 &lt;0.27 &lt;0.27</td><td>Eff  &lt;0.27 &lt;0.27 &lt;0.27 &lt;0.27 &lt;0.27  &lt;0.27  DEC Eff &lt;0.27 &lt;0.27 &lt;0.27 &lt;0.27 &lt;0.27 &lt;0.27  DEC  DEC  DEC  DEC</td></sep<>	0.71 <0.27 0.37 <0.27 0.27 0.27 Inf 0.39 <0.27 <0.27 <0.27 0.10	COLT COLT COLT COLT COLT COLT COLT COLT	<0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 0.32 0.47 0.20	Eff <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27  NOV Eff <0.27 <0.27 <0.27 <0.27 <0.27 <0.27	<0.27 <0.27 <0.27 0.40 0.10 Inf <0.27 <0.27 <0.27 <0.27	Eff  <0.27 <0.27 <0.27 <0.27 <0.27  <0.27  DEC Eff <0.27 <0.27 <0.27 <0.27 <0.27 <0.27  DEC  DEC  DEC  DEC
1 2 3 4 Average  Week 1 2 3 4 Average	<0.27 <0.27 <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  JAN Eff <0.27 <0.27 <0.27  <0.27  JAN Eff Eff Eff Eff Eff Eff Eff Eff Eff Ef	0.54 <0.27 <0.27 <0.27 0.14 Inf <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  FEB Eff <0.27 <0.27 <0.27  <0.27	<0.27 0.46 <0.27 <0.27 0.12 Inf <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   MAR Eff <0.27 <0.27 <0.27 <0.27  <0.27  MAR Eff Eff	<0.27 <0.27 0.35 0.12 Inf <0.27 <0.27 <0.27 <0.27 <0.27	Eff  <0.27 <0.27 <0.27 <0.27  <0.27  APR Eff <0.27 <0.27 <0.27 <0.27  APR Eff Eff F	0.86 <0.27 0.38 0.46 0.43 Inf <0.27 0.42 0.59 0.41 0.36	Eff  <0.27 <0.27 <0.27 <0.27 <0.27  <0.27  <0.27   MAY Eff  <0.27 <0.27 <0.27  <0.27  MAY Eff  Eff  Eff  Eff  Eff  Eff  Eff  Ef	Inf <0.27 <0.27 <0.27 <0.27 <0.27 <0.27  Inf 0.36 0.30 0.34 0.29 0.32  MERCU	JUN Eff <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 JUN Eff <0.27 <0.27 <0.27	Inf 0.33 <0.27 <0.27 <0.27 0.08  a) 2001  Inf <0.27 <0.27 <0.27 <0.27 <0.27  c) 202  Inf	Eff  <0.27 <0.27 <0.27 <0.27 <0.27  <0.27  <0.27   JUL Eff <0.27 <0.27  <0.27  JUL Eff  Eff	<0.27 <0.27 <0.27 <0.27 <0.27 <0.27 lnf 0.46 0.34 <0.27 <0.27 0.20	Eff  <0.27 <0.27 <0.27 <0.27 <0.27  <0.27  AUG Eff <0.27 <0.27 <0.27  AUG Eff Eff  AUG Eff	<ul> <li>&lt;0.27</li> <li>&lt;0.27</li> <li>1.08</li> <li>0.36</li> <li>Inf</li> <li>0.28</li> <li>0.39</li> <li>&lt;0.27</li> <li>&lt;0.27</li> <li>Inf</li> <li>Inf</li> </ul>	Eff  <0.27 <0.27 <0.27 <0.27  <0.27  SEP Eff <0.27 <0.27 <0.27 <0.27 <0.27  SEP Eff Eff	0.71 <0.27 0.37 <0.27 0.27 0.27 Inf 0.39 <0.27 <0.27 <0.27 0.10	COLT COLT COLT COLT COLT COLT COLT COLT	<0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 0.32 0.47 0.20	Eff  <0.27 <0.27 <0.27 <0.27 <0.27  <0.27  NOV Eff  <0.27 <0.27 <0.27  <0.27  NOV Eff  NOV Eff	<0.27 <0.27 <0.27 0.40 0.10 Inf <0.27 <0.27 <0.27 <0.27	Eff  <0.27 <0.27 <0.27 <0.27 <0.27  <0.27  DEC Eff <0.27 <0.27 <0.27 <0.27 <0.27  DEC Eff Eff Eff  DEC Eff Eff Eff Eff Eff Eff Eff Eff Eff E
1 2 3 4 Average  Week 1 2 3 4 Average  Week 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	<0.27 <0.27 <0.27 <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  <1.27  JAN Eff <0.27 <0.27 <0.27  <1.27  JAN Eff <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27	0.54 <0.27 <0.27 <0.27 0.14 Inf <0.27 <0.27 <0.27	Eff  <0.27 <0.27 <0.27 <0.27 <0.27 <0.27  <0.27  <0.27  FEB Eff <0.27 <0.27  <0.27  <0.27	<0.27 0.46 <0.27 <0.27 0.12 Inf <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   MAR Eff <0.27 <0.27 <0.27  <0.27  <0.27  <0.27  <0.27  <0.27 <0.27	<0.27 <0.27 0.35 0.12 Inf <0.27 <0.27 <0.27 <0.27 <0.27	Eff  <0.27 <0.27 <0.27 <0.27  <0.27  APR Eff <0.27 <0.27 <0.27 <0.27  APR Eff <0.27 <0.27 <0.27 <0.27	0.86 <0.27 0.38 0.46 0.43 Inf <0.27 0.42 0.59 0.41 0.36	Eff  <0.27 <0.27 <0.27 <0.27 <0.27 <0.27  <0.27   MAY Eff <0.27 <0.27 <0.27  <0.27  <0.27  <0.27  <0.27  <0.27 <0.27	Inf	JUN Eff <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 JUN Eff <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 <0.27 <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 <0.27 <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 <0.27 <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 <0.27 <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 <0.27 <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 <0.27 <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 <0.27 <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 <0.27 <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 <0.27 <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 <0.27 <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 <0.27 <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 <0.27 <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 <0.27 <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 <0.27 <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 <0.27 <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 <0.27 <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 <0.27 <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 <0.27 <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 <0.27 <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 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0	Inf 0.33 <0.27 <0.27 <0.27 0.08  2) 2001  Inf <0.27 <0.27 <0.27 <0.27	Eff  <0.27 <0.27 <0.27 <0.27 <0.27  <0.27  <0.27   JUL Eff <0.27 <0.27  <0.27  <0.5  JUL Eff <0.5	<0.27 <0.27 <0.27 <0.27 <0.27 <0.27 lnf 0.46 0.34 <0.27 <0.27 0.20	Eff  <0.27 <0.27 <0.27 <0.27 <0.27  <0.27  AUG Eff <0.27 <0.27 <0.27  AUG Eff <0.27 <0.27 <0.50  AUG Eff <0.5	<pre>&lt;0.27 &lt;0.27 1.08  0.36  Inf 0.28 0.39 &lt;0.27 &lt;0.27 &lt;1.017  Inf &lt;0.5</pre>	Eff <0.27 <0.27 <0.27 <0.27 <0.27  SEP Eff <0.27 <0.27 <0.27 <0.27 <0.27 <0.5 SEP Eff <0.5	0.71 <0.27 0.37 <0.27 0.27 0.27 lnf 0.39 <0.27 <0.27 <0.27 0.10	COLT COLT COLT COLT COLT COLT COLT COLT	<0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 0.32 0.47 0.20	Eff <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27  NOV Eff <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.17 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27	<0.27 <0.27 <0.27 0.40 0.10 Inf <0.27 <0.27 <0.27 <0.27 <0.27	Eff  <0.27 <0.27 <0.27 <0.27  <0.27  DEC Eff <0.27 <0.27 <0.27  <0.27  <0.27  <0.27  <0.27  <0.27  <0.97  <0.97  <0.97  <0.97  <0.97  <0.97  DEC Eff <0.99
1 2 3 4 Average  Week 1 2 3 4 Average  Week 1 2 2 3 4 Average	<0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <1.27 <0.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27	Eff  <0.27 <0.27 <0.27 <0.27 <0.27  <0.27  <0.27  JAN Eff <0.27 <0.27 <0.27  <0.27  <0.27  <0.27  <0.27  JAN Eff <0.27 <0.27 <0.27  <0.27	0.54 <0.27 <0.27 <0.27 0.14 Inf <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  FEB Eff <0.27 <0.27  <0.27  FEB Eff <0.27 <0.27	<0.27 0.46 <0.27 <0.27 0.12 Inf <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   MAR Eff <0.27 <0.27 <0.27  <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27	<0.27 <0.27 0.35 0.12 Inf <0.27 <0.27 <0.27 <0.27 <0.27	Eff  <0.27 <0.27 <0.27 <0.27  <0.27  APR Eff <0.27 <0.27 <0.27  <0.27 <0.27  <0.27 <0.27 <0.27 <0.27 <0.27	0.86 <0.27 0.38 0.46 0.43 Inf <0.27 0.42 0.59 0.41 0.36 Inf <0.27 <0.27	Eff  <0.27 <0.27 <0.27 <0.27 <0.27 <0.27  <0.27   MAY Eff <0.27 <0.27 <0.27  <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27	Inf	JUN Eff	Inf 0.33 <0.27 <0.27 <0.27 0.08  -) 2001  Inf <0.27 <0.27 <0.27 <0.27  -) 202  Inf <0.5 <0.5	Eff  <0.27 <0.27 <0.27 <0.27 <0.27  <0.27  <0.27  JUL Eff <0.27 <0.27  <0.27  <0.5 <0.5	<pre>&lt;0.27 &lt;0.27 &lt;0.27 &lt;0.27 &lt;0.27 &lt;0.27 &lt;0.27  1nf 0.46 0.34 &lt;0.27 &lt;0.27  0.20  Inf &lt;0.5 &lt;0.5</pre>	Eff  <0.27 <0.27 <0.27 <0.27 <0.27  <0.27  AUG Eff <0.27 <0.27 <0.27 <0.27 <0.27 <0.5 <0.5	<pre>&lt;0.27 &lt;0.27 1.08  0.36  Inf 0.28 0.39 &lt;0.27 &lt;0.27 0.17  Inf &lt;0.5 &lt;0.5</pre>	SEP Eff <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 <0.27 <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 <0.27 <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 <0.27 <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 <0.27 <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 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 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<0.97  <0.97  <0.97  <0.97  <0.97  <0.97  <0.97
1 2 3 4 Average  Week 1 2 3 4 Average  Week 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	<0.27 <0.27 <0.27 <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  <1.27  JAN Eff <0.27 <0.27 <0.27  <1.27  JAN Eff <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27	0.54 <0.27 <0.27 <0.27 0.14 Inf <0.27 <0.27 <0.27	Eff  <0.27 <0.27 <0.27 <0.27 <0.27 <0.27  <0.27  <0.27  FEB Eff <0.27 <0.27  <0.27  <0.27	<0.27 0.46 <0.27 <0.27 0.12 Inf <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   MAR Eff <0.27 <0.27 <0.27  <0.27  <0.27  <0.27  <0.27  <0.27 <0.27	<0.27 <0.27 0.35 0.12 Inf <0.27 <0.27 <0.27 <0.27 <0.27	Eff  <0.27 <0.27 <0.27 <0.27  <0.27  APR Eff <0.27 <0.27 <0.27 <0.27  APR Eff <0.27 <0.27 <0.27 <0.27	0.86 <0.27 0.38 0.46 0.43 Inf <0.27 0.42 0.59 0.41 0.36	Eff  <0.27 <0.27 <0.27 <0.27 <0.27 <0.27  <0.27   MAY Eff <0.27 <0.27 <0.27  <0.27  <0.27  <0.27  <0.27  <0.27 <0.27	Inf	JUN Eff <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 JUN Eff <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 <0.27 <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 <0.27 <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 <0.27 <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 <0.27 <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 <0.27 <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 <0.27 <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 <0.27 <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 <0.27 <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 <0.27 <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 <0.27 <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 <0.27 <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 <0.27 <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 <0.27 <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 <0.27 <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 <0.27 <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 <0.27 <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 <0.27 <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 <0.27 <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 <0.27 <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 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0	Inf 0.33 <0.27 <0.27 <0.27 0.08  2) 2001  Inf <0.27 <0.27 <0.27 <0.27	Eff  <0.27 <0.27 <0.27 <0.27 <0.27  <0.27  <0.27   JUL Eff <0.27 <0.27  <0.27  <0.5  JUL Eff <0.5	<0.27 <0.27 <0.27 <0.27 <0.27 <0.27 lnf 0.46 0.34 <0.27 <0.27 0.20	Eff  <0.27 <0.27 <0.27 <0.27 <0.27  <0.27  AUG Eff <0.27 <0.27 <0.27  AUG Eff <0.27 <0.27 <0.50  AUG Eff <0.5	<pre>&lt;0.27 &lt;0.27 1.08  0.36  Inf 0.28 0.39 &lt;0.27 &lt;0.27 &lt;1.017  Inf &lt;0.5</pre>	Eff <0.27 <0.27 <0.27 <0.27 <0.27  SEP Eff <0.27 <0.27 <0.27 <0.27 <0.27 <0.5 SEP Eff <0.5	0.71 <0.27 0.37 <0.27 0.27 0.27 lnf 0.39 <0.27 <0.27 <0.27 0.10	COLT COLT COLT COLT COLT COLT COLT COLT	<0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 0.32 0.47 0.20	Eff <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27  NOV Eff <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.17 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27	<0.27 <0.27 <0.27 0.40 0.10 Inf <0.27 <0.27 <0.27 <0.27 <0.27	Eff  <0.27 <0.27 <0.27 <0.27  <0.27  DEC Eff <0.27 <0.27 <0.27  <0.27  <0.27  <0.27  <0.27  <0.27  <0.97  <0.97  <0.97  <0.97  <0.97  <0.97  DEC Eff <0.99
Week  Average  Week  Average  Week  1 2 3 4  Average	<0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <1.27 <0.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 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<1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27 <1.27	Eff  <0.27 <0.27 <0.27 <0.27 <0.27  <0.27  <0.27  JAN Eff <0.27 <0.27 <0.27  <0.27  <0.27  <0.27  <0.27  JAN Eff <0.27 <0.27 <0.27  <0.27	0.54 <0.27 <0.27 <0.27 0.14 Inf <0.27 <0.27 <0.27 <0.27	Eff  <0.27 <0.27 <0.27 <0.27 <0.27 <0.27  <0.27  FEB Eff <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	<pre>&lt;0.27 0.46 &lt;0.27 &lt;0.27 0.12  Inf &lt;0.27 &lt;0.27 &lt;0.27 &lt;0.27 &lt;0.27 &lt;0.27 &lt;0.27 &lt;0.27 &lt;0.27 &lt;0.27&lt;&lt;0.27</pre>	Eff  <0.27 <0.27 <0.27 <0.27 <0.27 <0.27  <0.27   MAR Eff <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 <0.27 0.35 0.12 Inf <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  APR Eff <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27	0.86 <0.27 0.38 0.46 0.43 Inf <0.27 0.42 0.59 0.41 0.36 Inf <0.27 <0.27	Eff  <0.27 <0.27 <0.27 <0.27 <0.27 <0.27  <0.27   MAY Eff <0.27 <0.27 <0.27  <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27	Inf	JUN Eff <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 JUN Eff <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 <0.27 <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 <0.27 <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 <0.27 <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 <0.27 <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 <0.27 <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 <0.27 <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 <0.27 <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 <0.27 <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 <0.27 <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 <0.27 <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 <0.27 <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 <0.27 <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 <0.27 <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 <0.27 <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 <0.27 <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 <0.27 <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 <0.27 <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 <0.27 <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 <0.27 <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 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0	Inf 0.33 <0.27 <0.27 <0.27 0.08  2001  Inf <0.27 <0.27 <0.27 <0.27 <0.27  <0.27  <0.5 <0.5 <0.5	Eff <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27  <0.27  JUL Eff <0.27 <0.27 <0.27  <0.5 <0.5 <0.5	<pre>&lt;0.27 &lt;0.27 &lt;0.27 &lt;0.27 &lt;0.27 &lt;0.27  &lt;0.27  1nf 0.46 0.34 &lt;0.27 &lt;0.27  0.20  Inf &lt;0.5 &lt;0.5 &lt;0.5</pre>	Eff  <0.27 <0.27 <0.27 <0.27 <0.27 <0.27  <0.27  AUG Eff <0.27 <0.27 <0.27 <0.27 <0.5 <0.5 <0.5	<ul> <li>&lt;0.27</li> <li>&lt;0.27</li> <li>1.08</li> <li>0.36</li> <li>Inf</li> <li>0.28</li> <li>0.39</li> <li>&lt;0.27</li> <li>&lt;0.27</li> <li>&lt;0.17</li> <li>Inf</li> <li>&lt;0.5</li> <li>&lt;0.5</li> <li>&lt;0.5</li> <li>&lt;0.5</li> </ul>	Eff <0.27 <0.27 <0.27 <0.27  SEP Eff <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.5 <0.5 <0.5	0.71 <0.27 0.37 <0.27 0.27 0.27 0.39 <0.27 <0.27 <0.27 0.10	CT Eff C0.27	<0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 0.32 0.47 0.20 lnf 0.20 0.31	Eff  <0.27 <0.27 <0.27 <0.27 <0.27  <0.27  NOV Eff  <0.27 <0.27 <0.27  <0.27  NOV Eff  0.14 0.10	<0.27 <0.27 <0.27 0.40 0.10 Inf <0.27 <0.27 <0.27 <0.27 1nf 0.24 <0.09 0.20	Eff  <0.27 <0.27 <0.27 <0.27 <0.27  <0.27  DEC Eff  <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

										c	SILVED (u	ıg/L) 199	7											
		JAN		FEB		MAR		APR		MAY	JILVLIK (U	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	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	7.9	<6.6	<6.6	<6.6	13.2	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	8.1	<6.6
2	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	8.3	<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	<6.6	10.1	<6.6
3	<6.6	7.0	<6.6	<6.6	<6.6	<6.6	17.5	<6.6	<6.6	<6.6	8.6	<6.6	8.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6
4	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6			<6.6	<6.6	10.0	<6.6	<6.6	<6.6	<6.6	<6.6			<6.6	<6.6	7.4	<6.6	<6.6	<6.6
Average	<6.6	1.8	<6.6	<6.6	<6.6	<6.6	8.6	<6.6	<6.6	<6.6	9.0	<6.6	2.2	<6.6	3.3	<6.6	<6.6	<6.6	<6.6	<6.6	1.9	<6.6	4.6	<6.6
										9	SILVER (u	ıg/L) 199	8											
		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	<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	<6.6	<6.6	27.2	10.8	<6.6	<6.6	<6.6
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	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6
3 4	<6.6	< 6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	6.7	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	13.1	8.8	<6.6	9.0	<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 1.7	<6.6 <6.6	9.4	<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 10.1	<6.6 4.9	11.1 2.8	<6.6 2.3	<6.6 <6.6
Average	₹0.0	₹0.0	<0.0	<0.0	₹0.0	<0.0	<0.0	₹0.0	1.7	₹0.0	2.4	<0.0	<0.0	<0.0	<0.0	<0.0	<0.0	<0.0	<0.0	10.1	4.7	2.0	2.3	<0.0
											SILVER (u	ıg/L) 199	9					055						550
14/1-	16	JAN	16	FEB	16	MAR	16	APR	16	MAY	16	JUN	16	JUL	16	AUG	16	SEP	16	OCT	16	NOV	16	DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf <6.6	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1 2	<6.6	<6.6	<6.6	< 6.6	9.9 16.0	<6.6	<6.6	< 6.6	8.3	<6.6	< 6.6	7.9 8.8		<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	27.2	<6.6	<6.6	<6.6	<6.6
3	<6.6 <6.6	<6.6 <6.6	<6.6 <6.6	<6.6 <6.6	16.0 11.9	7.6 <6.6	<6.6 <6.6	<6.6 <6.6	6.6 14.2	<6.6 <6.6	<6.6 <6.6	11.2	<6.6 <6.6	<6.6 <6.6	<6.6 10.9	<6.6 <6.6	<6.6 <6.6	<6.6 <6.6	<6.6 <6.6	<6.6 13.1	9.0 <6.6	<6.6 <6.6	<6.6 <6.6	<6.6 <6.6
4	<0.0	₹0.0	<6.6	<6.6	<6.6	14.2	<6.6	<6.6	14.2	₹0.0	<6.6	<6.6	<6.6	<6.6	<6.6	6.7	<6.6	<6.6	<6.6	<6.6	<0.0	₹0.0	<6.6	<6.6
Average	<6.6	<6.6	<6.6	<6.6	9.5	5.5	<6.6	<6.6	9.7	<6.6	<6.6	7.0	<6.6	<6.6	2.7	1.7	<6.6	<6.6	<6.6	10.1	3.0	<6.6	<6.6	<6.6
											SILVED (	.~ /I \ 200	0											
		IΔN		FFR		MΔR		ΔDD			SILVER (u	ıg/L) 200	0	11 11		AUG		SED		OCT		NOV		DEC
Week	Inf	JAN Eff	Inf	FEB Eff	Inf	MAR Eff	Inf	APR Eff	Inf	MAY		JUN		JUL Eff	Inf	AUG Eff	Inf	SEP Eff	Inf	OCT Eff	Inf	NOV Eff	Inf	DEC Eff
Week	Inf <6.6	Eff	Inf <6.6	Eff	Inf <6.6	Eff	Inf <6.6	Eff	Inf <6.6	MAY Eff	Inf	JUN Eff	Inf	Eff	Inf <6.6	Eff	Inf <6.6	Eff	Inf <6.6	Eff	Inf <6.6	Eff	Inf 9.8	Eff
	Inf <6.6 <6.6		Inf <6.6 <6.6		Inf <6.6 <6.6		Inf <6.6 <6.6		Inf <6.6 <6.6	MAY	Inf <6.6	JUN			Inf <6.6 <6.6		Inf <6.6 <6.6		Inf <6.6 <6.6		Inf <6.6 <6.6		Inf 9.8 <6.6	
1	<6.6	Eff <6.6	<6.6	Eff <6.6	<6.6	Eff <6.6	<6.6	Eff <6.6	<6.6	MAY Eff <6.6	Inf	JUN Eff <6.6	Inf <6.6	Eff <6.6	<6.6	Eff <6.6	<6.6	Eff <6.6	<6.6	Eff 27.2	<6.6	Eff <6.6	9.8	Eff <6.6
1 2	<6.6 <6.6	<6.6 <6.6	<6.6 <6.6	<6.6 <6.6	<6.6 <6.6	Eff <6.6 <6.6	<6.6 <6.6	<6.6 <6.6	<6.6 <6.6	MAY Eff <6.6 <6.6	Inf <6.6 <6.6	JUN Eff <6.6 <6.6	Inf <6.6 <6.6	Eff <6.6 <6.6	<6.6 <6.6	Eff <6.6 <6.6	<6.6 <6.6	Eff <6.6 <6.6	<6.6 <6.6	Eff 27.2 <6.6	<6.6 <6.6	Eff <6.6 <6.6	9.8 <6.6	Eff <6.6 <6.6
1 2 3	<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 <6.6	<6.6 <6.6	<6.6 <6.6	<6.6 <6.6 <6.6	MAY Eff <6.6 <6.6 <6.6	Inf <6.6 <6.6 <6.6	JUN Eff <6.6 <6.6 <6.6	Inf <6.6 <6.6 <6.6	Eff <6.6 <6.6 12.3	<6.6 <6.6 <6.6	<6.6 <6.6 <6.6	<6.6 <6.6	Eff <6.6 <6.6	<6.6 <6.6 <6.6	27.2 <6.6 13.1	<6.6 <6.6 <6.6	<6.6 <6.6 <6.6	9.8 <6.6 6.7	Eff <6.6 <6.6 <6.6
1 2 3 4	<6.6 <6.6 <6.6 <6.6	Eff <6.6 <6.6 <6.6	<6.6 <6.6 <6.6 <6.6	Eff <6.6 <6.6 <6.6	<6.6 <6.6 <6.6 <6.6	Eff <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	MAY Eff <6.6 <6.6 <6.6 <6.6	Inf <6.6 <6.6 <6.6 <6.6 <6.6	JUN Eff <6.6 <6.6 <6.6 <6.6 <6.6	Inf <6.6 <6.6 <6.6 <6.6 <6.6	Eff <6.6 <6.6 12.3 7.8	<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 <6.6	Eff 27.2 <6.6 13.1 <6.6	<6.6 <6.6 <6.6 <6.6	<6.6 <6.6 <6.6 <6.6	9.8 <6.6 6.7 <6.6	<6.6 <6.6 <6.6 <6.6
1 2 3 4	<6.6 <6.6 <6.6 <6.6	Eff <6.6 <6.6 <6.6	<6.6 <6.6 <6.6 <6.6	Eff <6.6 <6.6 <6.6	<6.6 <6.6 <6.6 <6.6	Eff <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	MAY Eff <6.6 <6.6 <6.6 <6.6	Inf <6.6 <6.6 <6.6 <6.6 <6.6	JUN Eff <6.6 <6.6 <6.6 <6.6	Inf <6.6 <6.6 <6.6 <6.6 <6.6	Eff <6.6 <6.6 12.3 7.8	<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 <6.6	Eff 27.2 <6.6 13.1 <6.6	<6.6 <6.6 <6.6 <6.6	<6.6 <6.6 <6.6 <6.6	9.8 <6.6 6.7 <6.6	<6.6 <6.6 <6.6 <6.6
1 2 3 4	<6.6 <6.6 <6.6 <6.6	Eff <6.6 <6.6 <6.6 <6.6 <6.6	<6.6 <6.6 <6.6 <6.6	Eff <6.6 <6.6 <6.6 <6.6 <6.6	<6.6 <6.6 <6.6 <6.6	Eff <6.6 <6.6 <6.6 <6.6 <6.6	<6.6 <6.6 <6.6	Eff <6.6 <6.6 <6.6	<6.6 <6.6 <6.6 <6.6	MAY Eff <6.6 <6.6 <6.6 <6.6	Inf <6.6 <6.6 <6.6 <6.6 <6.6	JUN Eff <6.6 <6.6 <6.6 <6.6 <6.6	Inf <6.6 <6.6 <6.6 <6.6 <6.6	eff <6.6 <6.6 12.3 7.8 5.0	<6.6 <6.6 <6.6 <6.6	Eff <6.6 <6.6 <6.6 <6.6 <6.6	<6.6 <6.6 <6.6	Eff <6.6 <6.6 <6.6 <6.6	<6.6 <6.6 <6.6 <6.6	Eff 27.2 <6.6 13.1 <6.6	<6.6 <6.6 <6.6 <6.6	Eff <6.6 <6.6 <6.6 <6.6 <6.6	9.8 <6.6 6.7 <6.6	Eff  <6.6  <6.6  <6.6  <6.6  <6.6
1 2 3 4 Average	<6.6 <6.6 <6.6 <6.6	Eff <6.6 <6.6 <6.6 <6.6 <6.6  JAN	<6.6 <6.6 <6.6 <6.6 <6.6	Eff <6.6 <6.6 <6.6 <6.6 <6.6  FEB	<6.6 <6.6 <6.6 <6.6 <6.6	Eff <6.6 <6.6 <6.6 <6.6 <6.6  MAR	<6.6 <6.6 <6.6 <6.6	Eff <6.6 <6.6 <6.6 <6.6	<6.6 <6.6 <6.6 <6.6 <6.6	MAY Eff <6.6 <6.6 <6.6 <6.6 MAY	Inf <6.6 <6.6 <6.6 <6.6 <6.6	JUN Eff <6.6 <6.6 <6.6 <6.6 <6.6 JUN	Inf <6.6 <6.6 <6.6 <6.6 <6.6	Eff <6.6 <6.6 12.3 7.8 5.0	<6.6 <6.6 <6.6 <6.6 <6.6	Eff <6.6 <6.6 <6.6 <6.6 <6.6  AUG	<6.6 <6.6 <6.6 <6.6	Eff <6.6 <6.6 <6.6 <6.6	<6.6 <6.6 <6.6 <6.6 <6.6	Eff 27.2 <6.6 13.1 <6.6 10.1	<6.6 <6.6 <6.6 <6.6 <6.6	Eff <6.6 <6.6 <6.6 <6.6 <6.6  NOV	9.8 <6.6 6.7 <6.6 4.1	Eff  <6.6 <6.6 <6.6 <6.6 <6.6  DEC
1 2 3 4 Average  Week 1 2	<6.6 <6.6 <6.6 <6.6 <6.6	Eff  <6.6 <6.6 <6.6 <6.6  <6.6  <6.6   JAN Eff  <6.6 <6.6	<6.6 <6.6 <6.6 <6.6 <6.6 Inf <6.6 <6.6	Eff  <6.6 <6.6 <6.6 <6.6 <6.6  <6.6  <6.6  FEB Eff  <6.6  9.1	<6.6 <6.6 <6.6 <6.6 <6.6	Eff  <6.6 <6.6 <6.6 <6.6 <6.6  <1.0  <6.6  MAR Eff  1.0 <6.6	<6.6 <6.6 <6.6 <6.6 Inf <6.6 <6.6	Eff  <6.6 <6.6 <6.6  <6.6  APR Eff  <6.6 <6.6	<6.6 <6.6 <6.6 <6.6 <6.6	MAY Eff <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6	Inf <6.6 <6.6 <6.6 <6.6 <6.6 Inf <6.6 <6.6	JUN Eff	Inf	Eff  <6.6 <6.6 12.3 7.8 5.0  JUL Eff  <6.6 <6.6	<6.6 <6.6 <6.6 <6.6 <6.6 Inf	Eff  <6.6 <6.6 <6.6 <6.6 <6.6  <6.6  AUG Eff  <6.6 <6.6	<6.6 <6.6 <6.6 <6.6 Inf <6.6 <6.6	Eff  <6.6 <6.6 <6.6  <6.6  SEP Eff  <6.6 <6.6	<6.6 <6.6 <6.6 <6.6 <6.6	Eff  27.2  <6.6  13.1  <6.6  10.1  OCT  Eff  <6.6  <6.6	<6.6 <6.6 <6.6 <6.6 <6.6 Inf 7.0 20.9	Eff  <6.6 <6.6 <6.6 <6.6  <6.6  NOV Eff  <6.6 <6.6	9.8 <6.6 6.7 <6.6 4.1 Inf <6.6 <6.6	Eff  <6.6 <6.6 <6.6 <6.6  <6.6  The property of the property o
1 2 3 4 Average  Week 1 2 3	<6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6	Eff  < 6.6 < 6.6 < 6.6 < 6.6	<6.6 <6.6 <6.6 <6.6 <6.6	Eff <6.6 <6.6 <6.6 <6.6 <6.6  FEB Eff <6.6	<6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6	Eff  <6.6 <6.6 <6.6 <6.6  <6.6  MAR Eff  1.0 <6.6 <6.6	<6.6 <6.6 <6.6 <6.6 Inf <6.6 <6.6 <6.6	Eff  <6.6 <6.6 <6.6  <6.6  APR Eff  <6.6 <6.6 <6.6 <6.6	<6.6 <6.6 <6.6 <6.6 <6.6 <6.6	MAY Eff <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6	Inf	JUN Eff	Inf  <6.6 <6.6 <6.6 <6.6  <6.6  1  Inf  12.1	Eff  <6.6 <6.6 12.3 7.8 5.0  JUL Eff  <6.6	<6.6 <6.6 <6.6 <6.6 <6.6 <7.4 8.1	Eff  <6.6 <6.6 <6.6 <6.6  <6.6  AUG Eff  <6.6 <6.6 <6.6 <6.6	<6.6 <6.6 <6.6 <6.6 Inf <6.6 <6.6 <6.6	Eff  <6.6 <6.6 <6.6  <6.6  SEP Eff  <6.6 <6.6 <6.6	<6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6	27.2 <6.6 13.1 <6.6 10.1 OCT Eff <6.6 <6.6	<6.6 <6.6 <6.6 <6.6 <6.6 7.0 20.9 <6.6	Eff  <6.6 <6.6 <6.6 <6.6  <6.6  <6.6  NOV Eff  <6.6 <6.6 <6.6	9.8 <6.6 6.7 <6.6 4.1 Inf <6.6 <6.6 <6.6	Eff  <6.6 <6.6 <6.6 <6.6  <6.6   Construction of the construction
1 2 3 4 Average  Week 1 2 3 4	<6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6	Eff  <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 <6.6 <6.6 <6.6	Eff  <6.6 <6.6 <6.6 <6.6 <6.6 <6.6  1.1  1.0	<.6.6 <.6.6 <.6.6 <.6.6 <.6.6 <.6.6 <.6.6 <.6.6 <.6.6	Eff  <6.6 <6.6 <6.6 <6.6 <6.6  <6.6  1.0 <6.6 <6.6 <6.6 <6.6	<6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6	Eff  <6.6 <6.6 <6.6  <6.6  APR Eff  <6.6 <6.6 <6.6 <6.6	<pre>&lt;6.6 &lt;6.6 &lt;6.6 &lt;6.6 &lt;6.6 </pre> Inf <6.6 <6.6 <6.6 <6.6 <6.6	MAY Eff <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6	Inf	JUN Eff	Inf	Eff  <6.6 <6.6 12.3 7.8 5.0  JUL Eff  <6.6 <6.6 <6.6	<6.6 <6.6 <6.6 <6.6 <6.6 Inf 7.4 8.1 11.5 <6.6	Eff  <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 <6.6 <6.6 <6.6	Eff  <6.6 <6.6 <6.6  <6.6  SEP Eff  <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	Eff 27.2 <6.6 13.1 <6.6 10.1  OCT Eff <6.6 <6.6 <6.6 <6.6	<6.6 <6.6 <6.6 <6.6 <6.6 Inf 7.0 20.9 <6.6 <6.6	Eff  <6.6 <6.6 <6.6 <6.6 <6.6  <6.6  <6.6  <6.6  <6.6  <6.6 <6.6 <6.6	9.8 <6.6 6.7 <6.6 4.1 Inf <6.6 <6.6 <6.6 <6.6	Eff  <6.6 <6.6 <6.6 <6.6  <6.6   DEC Eff  <6.6 <6.6 <6.6 <6.6 <6.6
1 2 3 4 Average  Week 1 2 3	<6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6	Eff  < 6.6 < 6.6 < 6.6 < 6.6	<6.6 <6.6 <6.6 <6.6 <6.6 Inf <6.6 <6.6	Eff  <6.6 <6.6 <6.6 <6.6 <6.6  <6.6  <6.6  FEB Eff  <6.6  9.1	<6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6	Eff  <6.6 <6.6 <6.6 <6.6  <6.6  MAR Eff  1.0 <6.6 <6.6	<6.6 <6.6 <6.6 <6.6 Inf <6.6 <6.6 <6.6	Eff  <6.6 <6.6 <6.6  <6.6  APR Eff  <6.6 <6.6 <6.6 <6.6	<6.6 <6.6 <6.6 <6.6 <6.6 <6.6	MAY Eff <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6	Inf	JUN Eff	Inf	Eff  <6.6 <6.6 12.3 7.8 5.0  JUL Eff  <6.6 <6.6	<6.6 <6.6 <6.6 <6.6 <6.6 <7.4 8.1	Eff  <6.6 <6.6 <6.6 <6.6  <6.6  AUG Eff  <6.6 <6.6 <6.6 <6.6	<6.6 <6.6 <6.6 <6.6 Inf <6.6 <6.6 <6.6	Eff  <6.6 <6.6 <6.6  <6.6  SEP Eff  <6.6 <6.6 <6.6	<6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6	27.2 <6.6 13.1 <6.6 10.1 OCT Eff <6.6 <6.6	<6.6 <6.6 <6.6 <6.6 <6.6 7.0 20.9 <6.6	Eff  <6.6 <6.6 <6.6 <6.6  <6.6  <6.6  NOV Eff  <6.6 <6.6 <6.6	9.8 <6.6 6.7 <6.6 4.1 Inf <6.6 <6.6 <6.6	Eff  <6.6 <6.6 <6.6 <6.6  <6.6   Construction of the construction
1 2 3 4 Average  Week 1 2 3 4	<6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6	Eff  <6.6 <6.6 <6.6 <6.6 <6.6  JAN Eff <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	Eff  <6.6 <6.6 <6.6 <6.6 <6.6  <6.6  1.0  6.7	<.6.6 <.6.6 <.6.6 <.6.6 <.6.6 <.6.6 <.6.6 <.6.6 <.6.6	Eff  <6.6 <6.6 <6.6 <6.6 <6.6  1.0 <6.6 <6.6 <6.6  2.6	<6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6	Eff  <6.6 <6.6 <6.6  APR Eff  <6.6 <6.6 <6.6 <6.6 <6.6 <6.6	<pre>&lt;6.6 &lt;6.6 &lt;6.6 &lt;6.6 &lt;6.6 </pre> Inf <6.6 <6.6 <6.6 <6.6 <6.6	MAY Eff <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6	Inf	JUN Eff	Inf	Eff  <6.6 <6.6 12.3 7.8 5.0  JUL Eff <6.6 <6.6 <6.6 <6.6	<6.6 <6.6 <6.6 <6.6 <6.6 Inf 7.4 8.1 11.5 <6.6	Eff  <6.6 <6.6 <6.6 <6.6 <6.6  AUG Eff <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	Eff  <6.6 <6.6 <6.6  <6.6  SEP Eff <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	Eff 27.2 <6.6 13.1 <6.6 10.1  OCT Eff <6.6 <6.6 <6.6 <6.6 <6.6	<6.6 <6.6 <6.6 <6.6 <6.6 Inf 7.0 20.9 <6.6 <6.6	Eff  <6.6 <6.6 <6.6 <6.6  <6.6  NOV Eff <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6	9.8 <6.6 6.7 <6.6 4.1 Inf <6.6 <6.6 <6.6 <6.6	Eff  <6.6 <6.6 <6.6 <6.6  Constant Properties  Cons
1 2 3 4 Average  Week 1 2 3 4 Average	<6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6	Eff  <6.6 <6.6 <6.6 <6.6  <6.6  JAN Eff  <6.6 <6.6 <6.6 <6.6 <6.6 <6.6  JAN	<6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6	Eff  <6.6 <6.6 <6.6 <6.6 <6.6  <6.6  1.0  FEB  Eff  6.7  FEB	<6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <3.6 3.4	Eff  <6.6 <6.6 <6.6 <6.6 <6.6  MAR Eff  1.0 <6.6 <6.6 <6.6  MAR	<6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6	Eff  <6.6 <6.6 <6.6  APR Eff  <6.6 <6.6 <6.6 <6.6  APR APR APR APR	<6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6	MAY Eff <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6	Inf	JUN Eff	Inf	Eff  <6.6 <6.6 12.3 7.8 5.0  JUL Eff <6.6 <6.6 <6.6  JUL  JUL	<6.6 <6.6 <6.6 <6.6 <6.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6 <10.6	Eff  <6.6 <6.6 <6.6 <6.6  <6.6  Eff  <6.6  <6.6  AUG  Eff  <6.6 <6.6 <6.6  <6.6  AUG	<6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6	Eff  <6.6 <6.6 <6.6  <6.6  SEP Eff  <6.6 <6.6 <6.6 <6.6  SEP SEP	<6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6	Eff 27.2 <6.6 13.1 <6.6 10.1  OCT Eff <6.6 <6.6 <6.6 <6.6  OCT	<6.6 <6.6 <6.6 <6.6 <6.6 Inf 7.0 20.9 <6.6 <6.6 7.0	Eff  <6.6 <6.6 <6.6 <6.6  <6.6  NOV Eff  <6.6 <6.6 <6.6 <6.6 <6.6 <6.6  <6.6  NOV	9.8 <6.6 6.7 <6.6 4.1 Inf <6.6 <6.6 <6.6 <6.6	Eff  <6.6 <6.6 <6.6 <6.6  DEC Eff  <6.6 <6.6 <6.6 <6.6  <6.6  Constant of the
1 2 3 4 Average  Week 1 2 3 4 Average	<6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6	Eff  <6.6 <6.6 <6.6 <6.6  <6.6  JAN Eff  <6.6 <6.6 <6.6  <6.6  JAN Eff  Figure 10  JAN Eff  JAN Eff	<6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6	Eff  <6.6 <6.6 <6.6 <6.6 <6.6  <6.6  FEB Eff  <6.7  FEB Eff	<6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <3.4	Eff  <6.6 <6.6 <6.6 <6.6 <6.6  MAR Eff  1.0 <6.6 <6.6 <2.6  MAR Eff  1.0 <6.6 <6.6 <6.6  Cond  MAR Eff  MAR Eff	<6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6	Eff  <6.6 <6.6 <6.6  APR Eff  <6.6 <6.6 <6.6  APR Eff  APR Eff  APR Eff  APR Eff	<6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6	MAY Eff <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6	Inf	JUN Eff	Inf	Eff  <6.6 <6.6 12.3 7.8 5.0  JUL Eff <6.6 <6.6 <6.6  JUL Eff	<6.6 <6.6 <6.6 <6.6 <6.6  Inf 7.4 8.1 11.5 <6.6 6.8	Eff  <6.6 <6.6 <6.6 <6.6  <6.6  Eff  <6.6  <6.6  AUG  Eff  <6.6 <6.6  <6.6  AUG  Eff  AUG  Eff	<6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6	Eff  <6.6 <6.6 <6.6  <6.6  SEP Eff  <6.6 <6.6 <6.6  <6.6  SEP Eff  Fff	<6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6	Eff  27.2  <6.6  13.1  <6.6  10.1  OCT  Eff  <6.6  <6.6  <6.6  <6.6  OCT  Eff	<6.6 <6.6 <6.6 <6.6 <6.6 Inf 7.0 20.9 <6.6 <6.6 7.0	Eff  <6.6 <6.6 <6.6 <6.6  <6.6  NOV Eff  <6.6 <6.6 <6.6  <6.6  <6.6  <6.6  <6.6 <fi>   NOV Eff</fi>	9.8 <6.6 6.7 <6.6 4.1 Inf <6.6 <6.6 <6.6 <6.6	Eff  <6.6 <6.6 <6.6 <6.6  DEC Eff  <6.6 <6.6 <6.6  <6.6  Eff  Conditions  DEC Eff  DEC Eff
1 2 3 4 Average  Week 1 2 3 4 Average  Week 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	<6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6	Eff  <6.6 <6.6 <6.6 <6.6  <6.6  JAN Eff  <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 <6.6	Eff  <6.6 <6.6 <6.6 <6.6 <6.6  <6.6  FEB Eff  <6.6  9.1  11.0  6.7  FEB Eff  <6.6	<.6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <3.4 Inf <6.6	Eff  <6.6 <6.6 <6.6 <6.6 <6.6  MAR Eff  1.0 <6.6 <6.6  2.6  MAR Eff  -6.6  -6.6	<6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6	Eff  <6.6 <6.6 <6.6  APR Eff <6.6 <6.6 <6.6  APR Eff <6.6 <6.6 <6.6 <6.6 <6.6  APR Eff <6.6	<.6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.	MAY Eff	Inf	JUN Eff	Inf	Eff  <6.6 <6.6 12.3 7.8 5.0  JUL Eff <6.6 <6.6 <6.6  JUL Eff <6.6 <6.6	<6.6 <6.6 <6.6 <6.6 <6.6  1nf 7.4 8.1 11.5 <6.6 6.8	Eff  <6.6 <6.6 <6.6 <6.6 <6.6  Eff  <6.6 <6.6  AUG  Eff  <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	Eff  <6.6 <6.6 <6.6  <6.6  SEP Eff  <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	Eff 27.2 <6.6 13.1 <6.6 10.1  OCT Eff <6.6 <6.6 <6.6 <6.6  OCT Eff <6.6	<6.6 <6.6 <6.6 <6.6 <6.6 1nf 7.0 20.9 <6.6 <6.6 7.0	Eff  <6.6 <6.6 <6.6 <6.6  <6.6  NOV Eff  <6.6 <6.6 <6.6  <6.6 <6.6 <6.6  <6.6  <6.6  <6.6  <6.6	9.8 <6.6 6.7 <6.6 4.1  Inf <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6	Eff  <6.6 <6.6 <6.6 <6.6  DEC Eff <6.6 <6.6 <6.6 <6.6  <6.6 <6.6 <6.6 <
Usek  Week  Average  Week  Average	<6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6	Eff  <6.6 <6.6 <6.6 <6.6  <6.6   Second Part of the	<6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6	Eff  <6.6 <6.6 <6.6 <6.6 <6.6  FEB Eff  <6.6 9.1 11.0  6.7  FEB Eff  <6.6 <6.6 <6.6	<.6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <3.4 Inf <6.6 <6.6 <6.6	Eff  <6.6 <6.6 <6.6 <6.6 <6.6  MAR Eff  1.0 <6.6 <6.6  2.6  MAR Eff  6.6 <6.6 <6.6 <6.6	<6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6	Eff  <6.6 <6.6 <6.6  APR Eff  <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.	MAY Eff   <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6   MAY Eff   <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  <6.6  <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  <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  <6.6  <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  <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  <6.6  <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  <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  <6.6  <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  <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  <6.6  <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  <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  <6.6  <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  <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  <6.6  <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  <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  <6.6  <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  <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  <6.6  <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  <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.	Inf	JUN Eff	Inf	Eff  <6.6 <6.6 12.3 7.8 5.0  JUL Eff <6.6 <6.6 <6.6  JUL Eff <6.6 <6.6 <6.6	<6.6 <6.6 <6.6 <6.6  1nf  7.4 8.1 11.5 <6.6  6.8  Inf  <6.6 <6.6	Eff  <6.6 <6.6 <6.6 <6.6  <6.6  Eff  <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	Eff  <6.6 <6.6 <6.6  <6.6  SEP Eff  <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.	Eff 27.2 <6.6 13.1 <6.6 10.1  OCT Eff <6.6 <6.6 <6.6  OCT Eff <6.6 <6.6 <6.6	<6.6 <6.6 <6.6 <6.6 <6.6 <7.0 20.9 <6.6 <7.0 Inf <6.6 <6.6	Eff  <6.6 <6.6 <6.6 <6.6  <6.6  NOV Eff  <6.6 <6.6 <6.6  <6.6 <6.6  <6.6  <6.6  <6.6  <6.6	9.8 <6.6 6.7 <6.6 4.1  Inf <6.6 <6.6 <6.6 <6.6 <6.6 <7 <6.6 <7 <7 <7 <7 <7 <7 <7 <7 <7 <7 <7 <7 <7	Eff  <6.6 <6.6 <6.6 <6.6  DEC Eff  <6.6 <6.6 <6.6  <6.6 <6.6 <6.6 <6.6
1 2 3 4 Average  Week 1 2 3 4 Average  Week 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	<6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6	Eff  <6.6 <6.6 <6.6 <6.6  <6.6  JAN Eff  <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 <6.6	Eff  <6.6 <6.6 <6.6 <6.6 <6.6  <6.6  FEB Eff  <6.6  9.1  11.0  6.7  FEB Eff  <6.6	<6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 3.4 Inf <6.6 <6.6 <6.6 <6.6	Eff  <6.6 <6.6 <6.6 <6.6 <6.6  1.0 <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	Eff  <6.6 <6.6 <6.6  APR Eff  <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.	MAY Eff	Inf	JUN Eff	Inf	Eff	<6.6 <6.6 <6.6 <6.6 <6.6  Inf 7.4 8.1 11.5 <6.6  6.8  Inf <6.6 <6.6 <6.7	Eff  <6.6 <6.6 <6.6 <6.6  AUG Eff  <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	Eff  <6.6 <6.6 <6.6  <6.6  SEP Eff  <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	Eff 27.2 <6.6 13.1 <6.6 10.1  OCT Eff <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 1nf 7.0 20.9 <6.6 <6.6 7.0	Eff  <6.6 <6.6 <6.6 <6.6  <6.6  NOV Eff  <6.6 <6.6 <6.6  <6.6 <6.6 <6.6  <6.6  <6.6  <6.6  <6.6	9.8 <6.6 6.7 <6.6 4.1  Inf <6.6 <6.6 <6.6 <6.6 <6.6  9.8 9.4	Eff  <6.6 <6.6 <6.6 <6.6   Eff  <6.6 <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6
Usek  Week  Average  Week  Average  Week  1 2 3 4  Average	<6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6	Eff  <6.6 <6.6 <6.6 <6.6  <6.6   Second Part of the	<6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6	Eff  <6.6 <6.6 <6.6 <6.6 <6.6  FEB Eff  <6.6 9.1 11.0  6.7  FEB Eff  <6.6 <6.6 <6.6	<.6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <3.4 Inf <6.6 <6.6 <6.6	Eff  <6.6 <6.6 <6.6 <6.6 <6.6  MAR Eff  1.0 <6.6 <6.6  2.6  MAR Eff  6.6 <6.6 <6.6 <6.6	<6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6	Eff  <6.6 <6.6 <6.6  APR Eff  <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.	MAY Eff   <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6   MAY Eff   <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  <6.6  <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  <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  <6.6  <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  <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  <6.6  <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  <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  <6.6  <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  <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  <6.6  <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  <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  <6.6  <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  <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  <6.6  <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  <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  <6.6  <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  <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  <6.6  <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  <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.	Inf	JUN Eff	Inf	Eff  <6.6 <6.6 12.3 7.8 5.0  JUL Eff <6.6 <6.6 <6.6  JUL Eff <6.6 <6.6 <6.6	<6.6 <6.6 <6.6 <6.6  1nf  7.4 8.1 11.5 <6.6  6.8  Inf  <6.6 <6.6	Eff  <6.6 <6.6 <6.6 <6.6  <6.6  Eff  <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	Eff  <6.6 <6.6 <6.6  <6.6  SEP Eff  <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.	Eff 27.2 <6.6 13.1 <6.6 10.1  OCT Eff <6.6 <6.6 <6.6  OCT Eff <6.6 <6.6 <6.6	<6.6 <6.6 <6.6 <6.6 <6.6 <7.0 20.9 <6.6 <7.0 Inf <6.6 <6.6	Eff  <6.6 <6.6 <6.6 <6.6  <6.6  NOV Eff  <6.6 <6.6 <6.6  <6.6 <6.6  <6.6  <6.6  <6.6  <6.6	9.8 <6.6 6.7 <6.6 4.1  Inf <6.6 <6.6 <6.6 <6.6 <6.6 <7 <6.6 <7 <7 <7 <7 <7 <7 <7 <7 <7 <7 <7 <7 <7	Eff  <6.6 <6.6 <6.6 <6.6  DEC Eff  <6.6 <6.6 <6.6  <6.6 <6.6 <6.6 <6.6

											ZINC (ug	/L) 1997												
		JAN		FEB		MAR		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	89	38	131	81	238	170	126	21	148	40	186	89	183	171	164	96	115	57	128	40	105	18	148	52
2	99	34	147	54	185	169	131	13	159	45	226	93	225	187	167	45	143	48	119	26	144	28	159	43
3	71	36	135	30	258	151	117	17	196	50	218	93	188	70	139	51	663	152	115	27	98	23	169	59
4	115	34	161	37	323	154			129	43	194	91	176	70	118	40			276	21	193	25	120	31
Average	94	36	144	51	251	161	125	17	158	45	206	92	193	125	147	58	307	86	160	29	135	24	149	46
											ZINC (ug		1											
		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	116	45	134	29	117	4	124	241	148	15	127	52	128	32	135	40	179	38	126	154	158	33	196	44
2 3	174 129	36	147	43	168	40	132	33	132	27 20	131	63	127 132	31 30	124	35 29	327	27 29	157	75 41	155	33	148	40
4	185	44 32	146	60	148 144	57 50	130 132	31 33	160 138	104	148 173	54 60	132	30	184 175	29 30	169 207	31	186 180	61 56	184 141	108 46	163 143	42 60
Average	151	39	142	44	144	38	130	85	145	42	145	57	129	31	155	34	221	31	162	87	160	55	163	47
worugo	101	0,	1 12	• •		00	100	00	1 10	12	110	07	12,	01	100	01	22 1	01	102	07	100	00	100	.,
		LANI		FED		MAD		ADD		N4A\/	ZINC (ug		1			ALIC		CED		ОСТ		NOV		DEC
Week	Inf	JAN Eff	Inf	FEB Eff	Inf	MAR 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	140	29	107	32	154	40	112	31	140	41	159	40	182	29	176	70	307	35	162	33	118	46	132	25
2	153	44	182	38	146	36	112	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			139	38	161	33	124	26			174	77	163	52	143	42	151	34	140	34			108	42
Average	138	35	144	35	146	36	118	32	135	34	170	49	159	39	168	55	197	43	159	35	142	52	126	95
											71NC (110	/I ) 2000	1											
		JAN		FEB		MAR		APR		MAY	ZINC (ug		1	JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	JAN Eff	Inf	FEB Eff	Inf	MAR Eff	Inf	APR Eff	Inf	MAY Eff	ZINC (ug	/L) 2000 JUN Eff	Inf	JUL Eff	Inf	AUG Eff	Inf	SEP Eff	Inf	OCT Eff	Inf	NOV Eff	Inf	DEC Eff
Week 1	Inf 126		Inf 182		Inf 142		Inf 136		Inf 182			JUN			Inf 166		Inf 140		Inf 115		Inf 152		Inf 165	
		Eff		Eff		Eff		Eff		Eff	Inf	JUN Eff	Inf	Eff		Eff		Eff		Eff		Eff		Eff
1	126 181 152	32 33 50	182 190 151	62 69 67	142 179 148	37 33 30	136	Eff 35	182 179 148	29 33 39	Inf 144 126 155	JUN Eff 24 23 23	Inf 226 261 249	Eff 135 150 151	166	25 21 27	140	Eff 27	115 270 137	22 23 29	152 141 134	26 27 34	165 175 171	Eff 42 31 33
1 2	126 181 152 150	Eff 32 33 50 43	182 190 151 175	62 69 67 69	142 179 148 147	Eff 37 33 30 58	136 110 116	Eff 35 26 27	182 179 148 154	Eff 39 33 39 31	Inf 144 126 155 170	JUN Eff 24 23 23 28	Inf 226 261 249 222	Eff 135 150 151 127	166 154 158 144	25 21 27 23	140 169 130	27 25 20	115 270 137 129	Eff 22 23 29 29	152 141 134 117	26 27 34 33	165 175 171 171	Eff 42 31 33 35
1 2 3	126 181 152	32 33 50	182 190 151	62 69 67	142 179 148	37 33 30	136 110	26 Eff	182 179 148	29 33 39	Inf 144 126 155	JUN Eff 24 23 23	Inf 226 261 249	Eff 135 150 151	166 154 158	25 21 27	140 169	Eff 27 25	115 270 137	22 23 29	152 141 134	26 27 34	165 175 171	Eff 42 31 33
1 2 3 4	126 181 152 150	Eff 32 33 50 43	182 190 151 175	62 69 67 69	142 179 148 147	Eff 37 33 30 58	136 110 116	Eff 35 26 27	182 179 148 154	Eff 39 33 39 31	Inf 144 126 155 170	JUN Eff 24 23 23 28 25	Inf 226 261 249 222 240	Eff 135 150 151 127	166 154 158 144	25 21 27 23	140 169 130	27 25 20	115 270 137 129	Eff 22 23 29 29	152 141 134 117	26 27 34 33	165 175 171 171	Eff 42 31 33 35
1 2 3 4	126 181 152 150	Eff 32 33 50 43	182 190 151 175	62 69 67 69	142 179 148 147	Eff 37 33 30 58	136 110 116	Eff 35 26 27	182 179 148 154	Eff 39 33 39 31	Inf 144 126 155 170	JUN Eff 24 23 23 28 25	Inf 226 261 249 222 240	Eff 135 150 151 127	166 154 158 144	25 21 27 23	140 169 130	27 25 20	115 270 137 129	Eff 22 23 29 29	152 141 134 117	26 27 34 33	165 175 171 171	Eff 42 31 33 35
1 2 3 4	126 181 152 150 152	32 33 50 43 40 JAN Eff	182 190 151 175 175	62 69 67 69 67 FEB	142 179 148 147 154	Eff 37 33 30 58 40	136 110 116 121	26 27 29 APR Eff	182 179 148 154 166	89 33 39 31 36	Inf 144 126 155 170 149 ZINC (ug	JUN Eff 24 23 23 28 25 /L) 2001 JUN Eff	Inf 226 261 249 222 240	Eff 135 150 151 127 141 JUL Eff	166 154 158 144 156	25 21 27 23 24 AUG Eff	140 169 130 146	27 25 20 24 SEP Eff	115 270 137 129 163	22 23 29 29 26 OCT Eff	152 141 134 117 136	26 27 34 33 30 NOV Eff	165 175 171 171 171	Eff 42 31 33 35 35 DEC Eff
1 2 3 4 Average	126 181 152 150 152 Inf 145	32 33 50 43 40 JAN Eff 28	182 190 151 175 175 175	62 69 67 69 67 FEB Eff 34	142 179 148 147 154 Inf	8 40 MAR Eff 36	136 110 116 121 Inf 166	29  APR Eff 29	182 179 148 154 166 Inf	8 Eff 39 33 39 31 36 MAY Eff 41	Inf 144 126 155 170 149 ZINC (ug Inf	JUN Eff 24 23 23 28 25 /L) 2001 JUN Eff 66	Inf 226 261 249 222 240 Inf 133	Eff 135 150 151 127 141 JUL Eff 25	166 154 158 144 156 Inf	25 21 27 23 24 AUG Eff 29	140 169 130 146 Inf	27 25 20 24 SEP Eff 20	115 270 137 129 163 Inf	22 23 29 29 26 OCT Eff 26	152 141 134 117 136 Inf 163	26 27 34 33 30 NOV Eff 30	165 175 171 171 171 171	Eff 42 31 33 35 35 DEC Eff 29
1 2 3 4 Average  Week 1 2	126 181 152 150 152 Inf 145 124	32 33 50 43 40 JAN Eff 28 30	182 190 151 175 175 175	Eff 62 69 67 69 67 FEB Eff 34 36	142 179 148 147 154 Inf 124 123	8 40 MAR Eff 36 34	136 110 116 121 Inf 166 141	29  APR Eff 29 29	182 179 148 154 166 Inf 157 133	Eff 39 33 39 31 36 MAY Eff 41 39	Inf 144 126 155 170 149 ZINC (ug Inf 188 157	JUN Eff 24 23 23 28 25 /L) 2001 JUN Eff 66 27	Inf 226 261 249 222 240  Inf 133 141	Eff 135 150 151 127 141 JUL Eff 25 28	166 154 158 144 156 Inf 152 277	25 21 27 23 24 AUG Eff 29 30	140 169 130 146 Inf 111 135	27 25 20 24 SEP Eff 20 25	115 270 137 129 163 Inf 153 142	22 23 29 29 26 OCT Eff 26 22	152 141 134 117 136 Inf 163 160	26 27 34 33 30 NOV Eff 30 24	165 175 171 171 171 171 171	Eff 42 31 33 35 35 DEC Eff 29 25
1 2 3 4 Average  Week 1 2 3	126 181 152 150 152 Inf 145 124 122	32 33 50 43 40 JAN Eff 28 30 31	182 190 151 175 175 175	62 69 67 69 67 FEB Eff 34	142 179 148 147 154 Inf 124 123 109	Eff 37 33 30 58 40 MAR Eff 36 34 33	136 110 116 121 Inf 166 141 225	Eff 35 26 27 29 APR Eff 29 29 57	182 179 148 154 166 Inf 157 133 160	Eff 39 33 39 31 36 MAY Eff 41 39 46	Inf 144 126 155 170 149 ZINC (ug Inf 188 157 154	JUN Eff 24 23 28 25 /L) 2001 JUN Eff 66 27 39	Inf 226 261 249 222 240 Inf 133	Eff 135 150 151 127 141 JUL Eff 25	166 154 158 144 156 Inf 152 277 269	Eff 25 21 27 23 24 AUG Eff 29 30 29	140 169 130 146 Inf 111 135 158	Eff 27 25 20 24 SEP Eff 20 25 37	115 270 137 129 163 Inf 153 142 132	22 23 29 29 26 OCT Eff 26 22 23	152 141 134 117 136 Inf 163 160 124	26 27 34 33 30 NOV Eff 30 24 25	165 175 171 171 171 171 171 1nf 142 113 102	Eff  42 31 33 35 35  DEC Eff 29 25 21
1 2 3 4 Average  Week 1 2 3 4	126 181 152 150 152 Inf 145 124 122 121	Eff 32 33 50 43 40  JAN Eff 28 30 31 31	182 190 151 175 175 175 175	Eff 62 69 67 69 67 FEB Eff 34 36 35	142 179 148 147 154 Inf 124 123 109 135	Eff 37 33 30 58 40  MAR Eff 36 34 33 28	136 110 116 121 Inf 166 141 225 142	Eff 35 26 27 29 APR Eff 29 57 46	182 179 148 154 166 Inf 157 133 160 155	Eff 39 33 39 31 36 MAY Eff 41 39 46 42	Inf 144 126 155 170 149 ZINC (ug Inf 188 157 154 124	JUN Eff 24 23 28 25 25 JUN Eff 66 27 39 41	Inf 226 261 249 222 240  Inf 133 141 143	Eff 135 150 151 127 141  JUL Eff 25 28 24	166 154 158 144 156 Inf 152 277 269 204	Eff 25 21 27 23 24 AUG Eff 29 30 29 27	140 169 130 146 Inf 111 135 158 147	Eff 27 25 20 24 SEP Eff 20 25 37 35	115 270 137 129 163 Inf 153 142 132 121	Eff 22 23 29 29 26 OCT Eff 26 22 23 20	152 141 134 117 136 Inf 163 160 124 134	Eff  26 27 34 33 30  NOV Eff 30 24 25 24	165 175 171 171 171 171 171 Inf 142 113 102 135	Eff 42 31 33 35 35  DEC Eff 29 25 21 21
1 2 3 4 Average  Week 1 2 3	126 181 152 150 152 Inf 145 124 122	32 33 50 43 40 JAN Eff 28 30 31	182 190 151 175 175 175	Eff 62 69 67 69 67 FEB Eff 34 36	142 179 148 147 154 Inf 124 123 109	Eff 37 33 30 58 40 MAR Eff 36 34 33	136 110 116 121 Inf 166 141 225	Eff 35 26 27 29 APR Eff 29 29 57	182 179 148 154 166 Inf 157 133 160	Eff 39 33 39 31 36 MAY Eff 41 39 46	Inf 144 126 155 170 149 ZINC (ug Inf 188 157 154	JUN Eff 24 23 28 25 /L) 2001 JUN Eff 66 27 39	Inf 226 261 249 222 240  Inf 133 141	Eff 135 150 151 127 141 JUL Eff 25 28	166 154 158 144 156 Inf 152 277 269	Eff 25 21 27 23 24 AUG Eff 29 30 29	140 169 130 146 Inf 111 135 158	Eff 27 25 20 24 SEP Eff 20 25 37	115 270 137 129 163 Inf 153 142 132	22 23 29 29 26 OCT Eff 26 22 23	152 141 134 117 136 Inf 163 160 124	26 27 34 33 30 NOV Eff 30 24 25	165 175 171 171 171 171 171 1nf 142 113 102	Eff  42 31 33 35 35  DEC Eff 29 25 21
1 2 3 4 Average  Week 1 2 3 4	126 181 152 150 152 Inf 145 124 122 121	Eff 32 33 50 43 40  JAN Eff 28 30 31 31 30	182 190 151 175 175 175 175	Eff 62 69 67 69 67 FEB Eff 34 36 35	142 179 148 147 154 Inf 124 123 109 135	Eff  37  33  30  58  40  MAR  Eff  36  34  33  28  33	136 110 116 121 Inf 166 141 225 142	Eff 35 26 27 29 APR Eff 29 57 46	182 179 148 154 166 Inf 157 133 160 155	Eff 39 33 39 31 36  MAY Eff 41 39 46 42 42	Inf 144 126 155 170 149 ZINC (ug Inf 188 157 154 124	JUN Eff 24 23 28 25 25   /L) 2001 JUN Eff 66 27 39 41 43   C (ug/L)	Inf 226 261 249 222 240  Inf 133 141 143	Eff 135 150 151 127 141  JUL Eff 25 28 24	166 154 158 144 156 Inf 152 277 269 204	Eff 25 21 27 23 24 AUG Eff 29 30 29 27 29	140 169 130 146 Inf 111 135 158 147	Eff 27 25 20 24 SEP Eff 20 25 37 35 29	115 270 137 129 163 Inf 153 142 132 121	Eff  22 23 29 29 26  OCT Eff  26 22 23 20 23	152 141 134 117 136 Inf 163 160 124 134	Eff  26 27 34 33 30  NOV Eff  30 24 25 24 26	165 175 171 171 171 171 171 Inf 142 113 102 135	Eff  42 31 33 35 35  DEC Eff 29 25 21 21 24
1 2 3 4 Average  Week 1 2 3 4 Average	126 181 152 150 152 Inf 145 124 122 121 128	Eff  32 33 50 43 40  JAN Eff 28 30 31 31 30	182 190 151 175 175 175 175 116 142 129 138	Eff 62 69 67 69 67 FEB Eff 34 36 35 FEB	142 179 148 147 154 Inf 124 123 109 135 123	Eff 37 33 30 58 40    MAR Eff 36 34 33 28 33    MAR	136 110 116 121 Inf 166 141 225 142	Eff 35 26 27 29 APR Eff 29 57 46 40 APR	182 179 148 154 166 Inf 157 133 160 155	Eff  39 33 39 31 36  MAY Eff 41 39 46 42 42	Inf 144 126 155 170 149 ZINC (ug Inf 188 157 154 124 156	JUN Eff 24 23 28 25   /L) 2001 JUN Eff 66 27 39 41 43   C (ug/L) JUN JUN Ug/L	Inf 226 261 249 222 240 Inf 133 141 143	Eff 135 150 151 127 141  JUL Eff 25 28 24  26  JUL	166 154 158 144 156 156 Inf 152 277 269 204 226	Eff 25 21 27 23 24 AUG Eff 29 30 29 27 29 AUG	140 169 130 146 111 135 158 147 138	Eff 27 25 20 24 SEP Eff 20 25 37 35 29 SEP	115 270 137 129 163 Inf 153 142 132 121	Eff 22 23 29 29 26 OCT Eff 26 22 23 20 23 OCT	152 141 134 117 136 Inf 163 160 124 134	Eff  26 27 34 33 30  NOV Eff 30 24 25 24 26	165 175 171 171 171 171 171 171 171 142 113 102 135 123	Eff  42 31 33 35 35  DEC Eff 29 25 21 21 24  DEC
1 2 3 4 Average  Week 1 2 3 4 Average	126 181 152 150 152 Inf 145 124 122 121 128	Eff  32 33 50 43 40  JAN Eff 28 30 31 31 30  JAN Eff	182 190 151 175 175 175 142 129 138	Eff 62 69 67 69 67 FEB Eff 34 36 35 FEB Eff	142 179 148 147 154 Inf 124 123 109 135 123	Eff 37 33 30 58 40    MAR Eff 36 34 33 28 33    MAR Eff fff	136 110 116 121 1nf 166 141 225 142 169	Eff 35 26 27 29 APR Eff 29 57 46 40 APR Eff	182 179 148 154 166 Inf 157 133 160 155 151	Eff  39 33 39 31 36  MAY Eff 41 39 46 42 42  MAY Eff	Inf 144 126 155 170 149 ZINC (ug Inf 188 157 154 124 156 ZINC	JUN Eff 24 23 28 25 25 25 2001 JUN Eff 66 27 39 41 43 25 (ug/L) JUN Eff 50 10 JUN Eff 66 27 39 41 43 25 (ug/L) JUN Eff 66 27 39 41 43 25 (ug/L) JUN Eff 66 27 JUN Eff 66 27 39 41 43 25 (ug/L) JUN Eff 66 27 JUN Eff	Inf  226 261 249 222 240  Inf  133 141 143  139  2002 Inf	Eff 135 150 151 127 141  JUL Eff 25 28 24  26  JUL Eff	166 154 158 144 156 156 1nf 152 277 269 204 226	Eff 25 21 27 23 24 AUG Eff 29 30 29 27 29 AUG Eff	140 169 130 146 111 135 158 147 138	Eff 27 25 20 24 SEP Eff 20 25 37 35 29 SEP Eff	115 270 137 129 163 Inf 153 142 132 121 137	Eff  22 23 29 29 26  OCT Eff  26 22 23 20 23  OCT Eff	152 141 134 117 136 Inf 163 160 124 134 145	Eff  26 27 34 33 30  NOV Eff 30 24 25 24 26  NOV Eff	165 175 171 171 171 171 171 171 142 113 102 135 123	Eff  42 31 33 35 35  DEC Eff 29 25 21 21 24  DEC Eff
1 2 3 4 Average  Week 1 2 3 4 Average  Week 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	126 181 152 150 152 Inf 145 124 122 121 128	Eff  32 33 50 43 40  JAN Eff 28 30 31 31 30  JAN Eff 26	182 190 151 175 175 175 142 129 138 136	Eff 62 69 67 69 67 FEB Eff 34 36 35 FEB Eff 29	142 179 148 147 154 Inf 124 123 109 135 123	Eff  37 33 30 58 40  MAR Eff 36 34 33 28 33  MAR Eff 28	136 110 116 121 166 141 225 142 169	Eff  35 26 27  29  APR Eff 29 57 46 40  APR Eff 31	182 179 148 154 166 Inf 157 133 160 155 151	Eff 39 33 39 31 36  MAY Eff 41 39 46 42 42  MAY Eff 28	Inf 144 126 155 170 149 ZINC (ug Inf 188 157 154 124 156 ZINC	JUN Eff 24 23 28 25   /L) 2001 JUN Eff 66 27 39 41 43   C (ug/L) JUN Eff 29	Inf 226 261 249 222 240  Inf 133 141 143 139 2002 Inf 172	Eff 135 150 151 127 141  JUL Eff 25 28 24  26  JUL Eff 25	166 154 158 144 156 156 167 152 277 269 204 226	Eff 25 21 27 23 24 AUG Eff 29 30 29 27 29 AUG Eff 18	140 169 130 146 111 135 158 147 138	Eff 27 25 20 24 SEP Eff 20 25 37 35 29 SEP Eff 30	115 270 137 129 163 Inf 153 142 132 121 137	Eff  22 23 29 29 26  OCT Eff 26 22 23 20 23  OCT Eff 29	152 141 134 117 136 Inf 163 160 124 134 145	Eff  26 27 34 33 30  NOV Eff 30 24 25 24 26  NOV Eff 32	165 175 171 171 171 171 171 171 142 113 102 135 123	Eff  42 31 33 35 35  DEC Eff 29 25 21 24  DEC Eff 21
Usek  Week  Average  Week  Average  Week  1 2 3 4  Average	126 181 152 150 152 Inf 145 124 122 121 128 Inf 140 152	Eff  32 33 50 43 40  JAN Eff 28 30 31 31 30  JAN Eff 26 31	182 190 151 175 175 175 175 142 129 138 136	Eff 62 69 67 69 67 FEB Eff 34 36 35 FEB Eff 29 40	142 179 148 147 154 Inf 124 123 109 135 123 Inf 138 131	Eff 37 33 30 58 40  MAR Eff 36 34 33 28 33  MAR Eff 28 25	136 110 116 121 166 141 225 142 169 Inf 134 140	Eff 35 26 27 29  APR Eff 29 57 46 40  APR Eff 31 26	182 179 148 154 166 166 157 133 160 155 151	Eff 39 33 39 31 36  MAY Eff 41 39 46 42 42  MAY Eff 28 21	Inf 144 126 155 170 149 ZINC (ug Inf 188 157 154 124 156 ZINC Inf 139 127	JUN Eff 24 23 28 25 25   /L) 2001 JUN Eff 66 27 39 41 43   C (ug/L) JUN Eff 29 21	Inf 226 261 249 222 240  Inf 133 141 143  139 2002 Inf 172 189	Eff 135 150 151 127 141  JUL Eff 25 28 24  26  JUL Eff 25 28	166 154 158 144 156 156 167 152 277 269 204 226	Eff 25 21 27 23 24 AUG Eff 29 30 29 27 29 AUG Eff 18 24	140 169 130 146 111 135 158 147 138	Eff 27 25 20 24 SEP Eff 20 25 37 35 29 SEP Eff 30 81	115 270 137 129 163 Inf 153 142 132 121 137	Eff  22 23 29 29 26  OCT Eff 26 22 23 20 23  OCT Efff 29 31	152 141 134 117 136 Inf 163 160 124 134 145	Eff  26 27 34 33 30  NOV Eff 30 24 25 24 26  NOV Eff 32 25	165 175 171 171 171 171 171 171 142 113 102 135 123	Eff 42 31 33 35 35  DEC Eff 29 25 21 21 24  DEC Eff 21 23
1 2 3 4 Average  Week 1 2 3 4 Average  Week 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	126 181 152 150 152 Inf 145 124 122 121 128	Eff  32 33 50 43 40  JAN Eff 28 30 31 31 30  JAN Eff 26	182 190 151 175 175 175 175 142 129 138 136	Eff 62 69 67 69 67 FEB Eff 34 36 35  FEB Eff 29 40 28	142 179 148 147 154 167 124 123 109 135 123 Inf 138 131 148	Eff 37 33 30 58 40  MAR Eff 36 34 33 28 33  MAR Eff 28 25 30	136 110 116 121 166 141 225 142 169 Inf 134 140 146	Eff 35 26 27 29  APR Eff 29 57 46 40  APR Eff 31 26 29	182 179 148 154 166 Inf 157 133 160 155 151	Eff 39 33 39 31 36  MAY Eff 41 39 46 42 42  MAY Eff 28	Inf 144 126 155 170 149  ZINC (ug Inf 188 157 154 124 156  ZINC Inf 139 127 161	JUN Eff 24 23 28 25 25   /L) 2001 JUN Eff 66 27 39 41 43   C (ug/L) JUN Eff 29 21 28	Inf 226 261 249 222 240  Inf 133 141 143  139 2002 Inf 172 189 180	Eff 135 150 151 127 141  JUL Eff 25 28 24  26  JUL Eff 25 28 27	166 154 158 144 156 156 16 152 277 269 204 226 Inf 125 130 139	Eff 25 21 27 23 24 AUG Eff 29 30 29 27 29 AUG Eff 18 24 19	140 169 130 146 111 135 158 147 138 Inf 98 164 154	Eff 27 25 20 24 SEP Eff 20 25 37 35 29 SEP Eff 30 81 24	115 270 137 129 163 Inf 153 142 132 121 137 Inf 110 126 123	Eff  22 23 29 29 26  OCT Eff  26 22 23 20 23  OCT Eff  29 31 41	152 141 134 117 136 Inf 163 160 124 134 145	Eff  26 27 34 33 30  NOV Eff 30 24 25 24 26  NOV Eff 32	165 175 171 171 171 171 171 171 142 113 102 135 123 Inf 119 116 121	Eff 42 31 33 35 35  DEC Eff 29 25 21 21 24  DEC Eff 21 23 23
Usek  Week  Average  Week  Average  Week  1 2 3 4  Average	126 181 152 150 152 Inf 145 124 122 121 128 Inf 140 152	Eff  32 33 50 43 40  JAN Eff 28 30 31 31 30  JAN Eff 26 31	182 190 151 175 175 175 175 142 129 138 136	Eff 62 69 67 69 67 FEB Eff 34 36 35 FEB Eff 29 40	142 179 148 147 154 Inf 124 123 109 135 123 Inf 138 131	Eff 37 33 30 58 40  MAR Eff 36 34 33 28 33  MAR Eff 28 25	136 110 116 121 166 141 225 142 169 Inf 134 140	Eff 35 26 27 29  APR Eff 29 57 46 40  APR Eff 31 26	182 179 148 154 166 166 157 133 160 155 151	Eff 39 33 39 31 36  MAY Eff 41 39 46 42 42  MAY Eff 28 21	Inf 144 126 155 170 149 ZINC (ug Inf 188 157 154 124 156 ZINC Inf 139 127	JUN Eff 24 23 28 25 25   /L) 2001 JUN Eff 66 27 39 41 43   C (ug/L) JUN Eff 29 21	Inf 226 261 249 222 240  Inf 133 141 143  139 2002 Inf 172 189	Eff 135 150 151 127 141  JUL Eff 25 28 24  26  JUL Eff 25 28	166 154 158 144 156 156 167 152 277 269 204 226	Eff 25 21 27 23 24 AUG Eff 29 30 29 27 29 AUG Eff 18 24	140 169 130 146 111 135 158 147 138	Eff 27 25 20 24 SEP Eff 20 25 37 35 29 SEP Eff 30 81	115 270 137 129 163 Inf 153 142 132 121 137	Eff  22 23 29 29 26  OCT Eff 26 22 23 20 23  OCT Efff 29 31	152 141 134 117 136 Inf 163 160 124 134 145	Eff  26 27 34 33 30  NOV Eff 30 24 25 24 26  NOV Eff 32 25	165 175 171 171 171 171 171 171 142 113 102 135 123	Eff 42 31 33 35 35  DEC Eff 29 25 21 21 24  DEC Eff 21 23

											AMMO	NIA (mg/	L) 1997											
		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	29.3	28.2	29.9	29.7	30.5	29.1			28.5	28.3	28.5	27.1	27.9	27.4	26.0	24.5			22.6	20.8	24.4	24.0	24.7	24.3
2	30.2	29.0	27.5	26.6	30.3	30.2	31.5	30.3	30.0	31.1	27.1	26.0	26.6	29.2	30.9	27.0	23.5	20.9	23.3	22.8	24.4	24.7	25.3	25.3
3	28.0	27.6	27.8	26.3	28.8	29.4	30.5	29.7	26.7	27.1	31.5	30.3	23.6	22.9	23.5	24.8	22.8	22.9	24.5	22.0	24.8	23.8	24.7	26.2
4 Avorago	18.3	19.1 26.0	30.4 28.9	29.4	31.1	29.6 29.6	30.5	30.0	27.5	27.6 28.5	27.2 28.6	26.9 27.6	30.6 27.2	30.4 27.5	24.4	24.6 25.2	22.4	22.2	26.0 24.1	26.8	25.1 24.7	25.0 24.4	25.3 25.0	24.7 25.1
Average	20.5	20.0	20.7	20.0	30.2	27.0	30.0	30.0	20.2	20.5	20.0	27.0	21.2	27.3	20.2	23.2	22.7	22.0	24.1	23.1	24.7	24.4	23.0	23.1
											AMMO	NIA (mg/	L) 1998											
		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 25.4	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1 2	25.4 23.5	25.6 22.7	20.5 19.7	20.8 21.5	24.3 25.4	25.9 24.6	NA 24.1	NA 24.1	28.2 26.0	27.0 25.4	28.3 27.5	28.1 27.2	25.9 27.5	25.4 27.9	26.9 22.9	25.3 20.2	21.3 22.6	22.6 21.3	18.7 23.0	19.1 21.1	28.1 23.3	29.2 24.4	27.3 27.4	27.4 25.7
3	22.5	22.7	17.5	17.5	23.4	26.2	26.7	27.1	27.6	27.5	28.0	28.3	26.2	26.1	27.2	20.2	24.0	23.8	26.7	26.6	26.6	24.4	25.9	25.7
4	25.6	25.2	17.5	17.5	23.9	24.8	27.9	28.1	26.8	26.8	23.7	22.4	20.2	20.1	26.9	26.1	20.6	22.4	24.3	24.6	25.8	25.6	28.1	25.0
Average	24.3	23.9	19.2	19.9	24.2	25.4	19.7	19.8	27.2	26.7	26.9	26.5	26.5	26.5	26.0	24.7	22.1	22.5	23.2	22.9	26.0	25.9	27.2	26.0
Ü																								
				EED				4.00		1441/	OMMA	VIA (mg/	L) 1999			4110		CED		0.07		NOV		DEO
Week	Inf	JAN Eff	Inf	FEB Eff	Inf	MAR 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	25.4	24.1	25.0	24.4	27.5	25.1	24.5	23.8	26.3	25.0	30.5	28.7	31.5	30.7	26.7	23.1	15.1	34.0	27.1	27.7	28.5	27.8	31.4	31.0
2	32.2	27.2	27.3	26.7	24.1	25.5	28.3	28.0	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	20.7	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			28.8	26.3	28.8	26.3	25.8	25.3	27.8	20.5	25.3	24.5			29.4	26.7
Average	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
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		IANI		EEB		млр		۸DD		MAV	AIVIIVIOI	VIA (mg/	L) 2000	11.11		ALIC		CED		OCT		NOV		DEC
Week	Inf	JAN Fff	Inf	FEB Fff	Inf	MAR Fff	Inf	APR Fff	Inf	MAY Fff		JÙN		JUL Fff	Inf	AUG Fff	Inf	SEP Fff	Inf	OCT Fff	Inf	NOV Fff	Inf	DEC Fff
Week 1	Inf 27.0	Eff	Inf 28.4	Eff	Inf 26.3	Eff	Inf 27.5	Eff	Inf 26.9	Eff	Inf	JUN Eff	Inf	Eff	Inf 28.9	Eff	Inf 27.5	Eff	Inf 26.9	Eff	Inf 27.3	Eff	Inf 28.3	Eff
Week 1 2	Inf 27.0 28.1		Inf 28.4 29.3		Inf 26.3 28.0		Inf 27.5 27.7		Inf 26.9 29.0			JÙN			Inf 28.9 27.0		Inf 27.5 27.0		Inf 26.9 26.7		Inf 27.3 26.0		Inf 28.3 29.1	
1	27.0	Eff 27.2	28.4	Eff 28.2	26.3	Eff 25.9	27.5	Eff 28.6	26.9	Eff 27.2	Inf 28.2	JUN Eff 28.6	Inf 28.0	Eff 27.9	28.9	Eff 28.3	27.5	Eff 28.1	26.9	Eff 26.3	27.3	Eff 26.3	28.3	Eff 28.8
1 2 3 4	27.0 28.1 26.1 28.1	Eff 27.2 26.9 25.6 28.0	28.4 29.3 27.2 27.7	Eff 28.2 29.1 25.8 27.4	26.3 28.0 26.9 28.9	25.9 27.6 29.4 30.4	27.5 27.7 28.0	28.6 28.6 27.9	26.9 29.0 30.1 28.2	Eff 27.2 29.4 29.1 27.7	Inf 28.2 29.7 28.4 29.6	JUN Eff 28.6 28.0 28.1 26.3	Inf 28.0 29.0 28.5 28.5	27.9 27.4 28.8 26.6	28.9 27.0 25.9 27.5	28.3 26.5 25.0 27.9	27.5 27.0 27.0	28.1 28.1 26.3	26.9 26.7 27.2 29.1	Eff 26.3 27.4 27.0 28.0	27.3 26.0 25.4 28.0	Eff 26.3 26.9 27.0 26.9	28.3 29.1 28.7 29.9	28.8 29.4 28.8 29.7
1 2 3	27.0 28.1 26.1	27.2 26.9 25.6	28.4 29.3 27.2	28.2 29.1 25.8	26.3 28.0 26.9	25.9 27.6 29.4	27.5 27.7	Eff 28.6 28.6	26.9 29.0 30.1	Eff 27.2 29.4 29.1	Inf 28.2 29.7 28.4	JUN Eff 28.6 28.0 28.1	Inf 28.0 29.0 28.5	27.9 27.4 28.8	28.9 27.0 25.9	28.3 26.5 25.0	27.5 27.0	Eff 28.1 28.1	26.9 26.7 27.2	26.3 27.4 27.0	27.3 26.0 25.4	26.3 26.9 27.0	28.3 29.1 28.7	28.8 29.4 28.8
1 2 3 4	27.0 28.1 26.1 28.1	Eff 27.2 26.9 25.6 28.0	28.4 29.3 27.2 27.7	Eff 28.2 29.1 25.8 27.4	26.3 28.0 26.9 28.9	25.9 27.6 29.4 30.4	27.5 27.7 28.0	28.6 28.6 27.9	26.9 29.0 30.1 28.2	Eff 27.2 29.4 29.1 27.7	Inf 28.2 29.7 28.4 29.6 29.0	JUN Eff 28.6 28.0 28.1 26.3 27.8	Inf 28.0 29.0 28.5 28.5 28.5	27.9 27.4 28.8 26.6	28.9 27.0 25.9 27.5	28.3 26.5 25.0 27.9	27.5 27.0 27.0	28.1 28.1 26.3	26.9 26.7 27.2 29.1	Eff 26.3 27.4 27.0 28.0	27.3 26.0 25.4 28.0	Eff 26.3 26.9 27.0 26.9	28.3 29.1 28.7 29.9	28.8 29.4 28.8 29.7
1 2 3 4	27.0 28.1 26.1 28.1	Eff 27.2 26.9 25.6 28.0 26.9	28.4 29.3 27.2 27.7	28.2 29.1 25.8 27.4 27.6	26.3 28.0 26.9 28.9	25.9 27.6 29.4 30.4 28.3	27.5 27.7 28.0	28.6 28.6 27.9 28.4	26.9 29.0 30.1 28.2	Eff 27.2 29.4 29.1 27.7	Inf 28.2 29.7 28.4 29.6 29.0	JUN Eff 28.6 28.0 28.1 26.3	Inf 28.0 29.0 28.5 28.5 28.5	Eff 27.9 27.4 28.8 26.6 27.7	28.9 27.0 25.9 27.5	28.3 26.5 25.0 27.9	27.5 27.0 27.0	28.1 28.1 26.3	26.9 26.7 27.2 29.1	26.3 27.4 27.0 28.0 27.2	27.3 26.0 25.4 28.0	26.3 26.9 27.0 26.9 26.8	28.3 29.1 28.7 29.9	28.8 29.4 28.8 29.7
1 2 3 4	27.0 28.1 26.1 28.1	Eff 27.2 26.9 25.6 28.0	28.4 29.3 27.2 27.7	Eff 28.2 29.1 25.8 27.4	26.3 28.0 26.9 28.9	25.9 27.6 29.4 30.4	27.5 27.7 28.0	28.6 28.6 27.9	26.9 29.0 30.1 28.2	27.2 29.4 29.1 27.7 28.4	Inf 28.2 29.7 28.4 29.6 29.0	JUN Eff 28.6 28.0 28.1 26.3 27.8	Inf 28.0 29.0 28.5 28.5 28.5	27.9 27.4 28.8 26.6	28.9 27.0 25.9 27.5	Eff 28.3 26.5 25.0 27.9 26.9	27.5 27.0 27.0	Eff 28.1 28.1 26.3 27.5	26.9 26.7 27.2 29.1	Eff 26.3 27.4 27.0 28.0	27.3 26.0 25.4 28.0	Eff 26.3 26.9 27.0 26.9	28.3 29.1 28.7 29.9	28.8 29.4 28.8 29.7 29.2
1 2 3 4 Average	27.0 28.1 26.1 28.1 27.3	Eff 27.2 26.9 25.6 28.0 26.9	28.4 29.3 27.2 27.7 28.2	Eff 28.2 29.1 25.8 27.4 27.6	26.3 28.0 26.9 28.9 27.5	Eff 25.9 27.6 29.4 30.4 28.3	27.5 27.7 28.0 27.3	28.6 28.6 27.9 28.4	26.9 29.0 30.1 28.2 28.6	Eff 27.2 29.4 29.1 27.7 28.4	Inf 28.2 29.7 28.4 29.6 29.0	JUN Eff 28.6 28.0 28.1 26.3 27.8 NIA (mg/ JUN	Inf 28.0 29.0 28.5 28.5 28.5 L) 2001	Eff 27.9 27.4 28.8 26.6 27.7	28.9 27.0 25.9 27.5 27.3	Eff 28.3 26.5 25.0 27.9 26.9	27.5 27.0 27.0 24.2	28.1 28.1 26.3 27.5	26.9 26.7 27.2 29.1 27.5	26.3 27.4 27.0 28.0 27.2	27.3 26.0 25.4 28.0 26.7	Eff 26.3 26.9 27.0 26.9 26.8	28.3 29.1 28.7 29.9 29.0	28.8 29.4 28.8 29.7 29.2
1 2 3 4 Average  Week 1 2	27.0 28.1 26.1 28.1 27.3 Inf 30.2 24.4	27.2 26.9 25.6 28.0 26.9 JAN Eff 28.8 23.0	28.4 29.3 27.2 27.7 28.2 Inf 29.9 24.2	Eff 28.2 29.1 25.8 27.4 27.6  FEB Eff 32.5 24.4	26.3 28.0 26.9 28.9 27.5	25.9 27.6 29.4 30.4 28.3 MAR Eff 26.0 24.4	27.5 27.7 28.0 27.3 Inf 30.3 27.6	28.6 28.6 27.9 28.4 APR Eff 28.7 27.9	26.9 29.0 30.1 28.2 28.6 Inf 29.1 29.9	Eff 27.2 29.4 29.1 27.7 28.4  MAY Eff 29.1 29.4	Inf 28.2 29.7 28.4 29.6 29.0 AMMON Inf 28.8 29.8	JUN Eff 28.6 28.0 28.1 26.3 27.8 NIA (mg/ JUN Eff 28.0 29.4	Inf 28.0 29.0 28.5 28.5 28.5 28.5 L) 2001 Inf 29.4 30.0	27.9 27.4 28.8 26.6 27.7 JUL Eff 25.2 29.7	28.9 27.0 25.9 27.5 27.3	28.3 26.5 25.0 27.9 26.9 AUG Eff 29.7 29.1	27.5 27.0 27.0 24.2 Inf 28.2 28.4	28.1 28.1 26.3 27.5 SEP Eff 27.9 27.6	26.9 26.7 27.2 29.1 27.5	26.3 27.4 27.0 28.0 27.2 OCT Eff 29.1 28.6	27.3 26.0 25.4 28.0 26.7 Inf 28.1 28.4	26.3 26.9 27.0 26.9 26.8 NOV Eff 26.9 27.4	28.3 29.1 28.7 29.9 29.0 Inf 28.3 26.3	28.8 29.4 28.8 29.7 29.2 DEC Eff 27.7 26.9
1 2 3 4 Average  Week 1 2 3	27.0 28.1 26.1 28.1 27.3 Inf 30.2 24.4 27.7	27.2 26.9 25.6 28.0 26.9 JAN Eff 28.8 23.0 27.2	28.4 29.3 27.2 27.7 28.2 Inf 29.9	Eff 28.2 29.1 25.8 27.4 27.6  FEB Eff 32.5	26.3 28.0 26.9 28.9 27.5 Inf 26.6 23.5 26.9	25.9 27.6 29.4 30.4 28.3 MAR Eff 26.0 24.4 26.6	27.5 27.7 28.0 27.3 Inf 30.3 27.6 30.1	28.6 28.6 27.9 28.4 APR Eff 28.7 27.9 30.0	26.9 29.0 30.1 28.2 28.6 Inf 29.1 29.9 29.2	Eff 27.2 29.4 29.1 27.7 28.4 MAY Eff 29.1 29.4 29.7	Inf 28.2 29.7 28.4 29.6 29.0 AMMON Inf 28.8 29.8 29.1	JUN Eff 28.6 28.0 28.1 26.3 27.8 NIA (mg/ JUN Eff 28.0 29.4 28.6	Inf 28.0 29.0 28.5 28.5 28.5 L) 2001 Inf 29.4	27.9 27.4 28.8 26.6 27.7 JUL Eff 25.2	28.9 27.0 25.9 27.5 27.3 Inf 30.5 28.6 28.4	28.3 26.5 25.0 27.9 26.9 AUG Eff 29.7 29.1 28.1	27.5 27.0 27.0 24.2 Inf 28.2 28.4 30.0	28.1 28.1 26.3 27.5 SEP Eff 27.9 27.6 29.4	26.9 26.7 27.2 29.1 27.5 Inf 29.8 28.6 27.7	26.3 27.4 27.0 28.0 27.2 OCT Eff 29.1 28.6 27.6	27.3 26.0 25.4 28.0 26.7 Inf 28.1 28.4 28.9	26.3 26.9 27.0 26.9 26.8 NOV Eff 26.9 27.4 31.2	28.3 29.1 28.7 29.9 29.0 Inf 28.3 26.3 29.7	28.8 29.4 28.8 29.7 29.2 DEC Eff 27.7 26.9 28.3
1 2 3 4 Average  Week 1 2 3 4	27.0 28.1 26.1 28.1 27.3 Inf 30.2 24.4 27.7 28.5	Eff 27.2 26.9 25.6 28.0 26.9  JAN Eff 28.8 23.0 27.2 26.9	28.4 29.3 27.2 27.7 28.2 Inf 29.9 24.2 27.0	Eff 28.2 29.1 25.8 27.4 27.6  FEB Eff 32.5 24.4 26.7	26.3 28.0 26.9 28.9 27.5 Inf 26.6 23.5 26.9 27.2	25.9 27.6 29.4 30.4 28.3 MAR Eff 26.0 24.4 26.6 27.2	27.5 27.7 28.0 27.3 Inf 30.3 27.6 30.1 31.4	Eff 28.6 28.6 27.9 28.4  APR Eff 28.7 27.9 30.0 31.5	26.9 29.0 30.1 28.2 28.6 Inf 29.1 29.9 29.2 27.5	Eff 27.2 29.4 29.1 27.7 28.4  MAY Eff 29.1 29.4 29.7 27.4	Inf 28.2 29.7 28.4 29.6 29.0 AMMON Inf 28.8 29.8 29.1 28.3	JUN Eff 28.6 28.0 28.1 26.3 27.8 NIA (mg/ JUN Eff 28.0 29.4 28.6 28.0	Inf 28.0 29.0 28.5 28.5 28.5 L) 2001 Inf 29.4 30.0 29.4	27.9 27.4 28.8 26.6 27.7 JUL Eff 25.2 29.7 28.3	28.9 27.0 25.9 27.5 27.3 Inf 30.5 28.6 28.4 27.9	28.3 26.5 25.0 27.9 26.9 AUG Eff 29.7 29.1 28.1 25.8	27.5 27.0 27.0 24.2 Inf 28.2 28.4 30.0 28.8	28.1 28.1 26.3 27.5 SEP Eff 27.9 27.6 29.4 28.3	26.9 26.7 27.2 29.1 27.5 Inf 29.8 28.6 27.7 29.3	26.3 27.4 27.0 28.0 27.2 OCT Eff 29.1 28.6 27.6 28.1	27.3 26.0 25.4 28.0 26.7 Inf 28.1 28.4 28.9 30.5	26.3 26.9 27.0 26.9 26.8 NOV Eff 26.9 27.4 31.2 29.7	28.3 29.1 28.7 29.9 29.0 Inf 28.3 26.3 29.7 27.6	28.8 29.4 28.8 29.7 29.2 DEC Eff 27.7 26.9 28.3 26.9
1 2 3 4 Average  Week 1 2 3	27.0 28.1 26.1 28.1 27.3 Inf 30.2 24.4 27.7	27.2 26.9 25.6 28.0 26.9 JAN Eff 28.8 23.0 27.2	28.4 29.3 27.2 27.7 28.2 Inf 29.9 24.2	Eff 28.2 29.1 25.8 27.4 27.6  FEB Eff 32.5 24.4	26.3 28.0 26.9 28.9 27.5 Inf 26.6 23.5 26.9	25.9 27.6 29.4 30.4 28.3 MAR Eff 26.0 24.4 26.6	27.5 27.7 28.0 27.3 Inf 30.3 27.6 30.1	28.6 28.6 27.9 28.4 APR Eff 28.7 27.9 30.0	26.9 29.0 30.1 28.2 28.6 Inf 29.1 29.9 29.2	Eff 27.2 29.4 29.1 27.7 28.4 MAY Eff 29.1 29.4 29.7	Inf 28.2 29.7 28.4 29.6 29.0 AMMON Inf 28.8 29.8 29.1	JUN Eff 28.6 28.0 28.1 26.3 27.8 NIA (mg/ JUN Eff 28.0 29.4 28.6	Inf 28.0 29.0 28.5 28.5 28.5 28.5 L) 2001 Inf 29.4 30.0	27.9 27.4 28.8 26.6 27.7 JUL Eff 25.2 29.7	28.9 27.0 25.9 27.5 27.3 Inf 30.5 28.6 28.4	28.3 26.5 25.0 27.9 26.9 AUG Eff 29.7 29.1 28.1	27.5 27.0 27.0 24.2 Inf 28.2 28.4 30.0	28.1 28.1 26.3 27.5 SEP Eff 27.9 27.6 29.4	26.9 26.7 27.2 29.1 27.5 Inf 29.8 28.6 27.7	26.3 27.4 27.0 28.0 27.2 OCT Eff 29.1 28.6 27.6	27.3 26.0 25.4 28.0 26.7 Inf 28.1 28.4 28.9	26.3 26.9 27.0 26.9 26.8 NOV Eff 26.9 27.4 31.2	28.3 29.1 28.7 29.9 29.0 Inf 28.3 26.3 29.7	28.8 29.4 28.8 29.7 29.2 DEC Eff 27.7 26.9 28.3
1 2 3 4 Average  Week 1 2 3 4	27.0 28.1 26.1 28.1 27.3 Inf 30.2 24.4 27.7 28.5	Eff 27.2 26.9 25.6 28.0 26.9  JAN Eff 28.8 23.0 27.2 26.9	28.4 29.3 27.2 27.7 28.2 Inf 29.9 24.2 27.0	Eff 28.2 29.1 25.8 27.4 27.6  FEB Eff 32.5 24.4 26.7	26.3 28.0 26.9 28.9 27.5 Inf 26.6 23.5 26.9 27.2	25.9 27.6 29.4 30.4 28.3 MAR Eff 26.0 24.4 26.6 27.2	27.5 27.7 28.0 27.3 Inf 30.3 27.6 30.1 31.4	Eff 28.6 28.6 27.9 28.4  APR Eff 28.7 27.9 30.0 31.5	26.9 29.0 30.1 28.2 28.6 Inf 29.1 29.9 29.2 27.5	Eff 27.2 29.4 29.1 27.7 28.4  MAY Eff 29.1 29.4 29.7 27.4	Inf 28.2 29.7 28.4 29.6 29.0 AMMON Inf 28.8 29.8 29.1 28.3 29.0	JUN Eff 28.6 28.0 28.1 26.3 27.8 NIA (mg/ JUN Eff 28.0 29.4 28.6 28.0	Inf 28.0 29.0 28.5 28.5 28.5 L) 2001 Inf 29.4 30.0 29.4	27.9 27.4 28.8 26.6 27.7 JUL Eff 25.2 29.7 28.3	28.9 27.0 25.9 27.5 27.3 Inf 30.5 28.6 28.4 27.9	28.3 26.5 25.0 27.9 26.9 AUG Eff 29.7 29.1 28.1 25.8	27.5 27.0 27.0 24.2 Inf 28.2 28.4 30.0 28.8	28.1 28.1 26.3 27.5 SEP Eff 27.9 27.6 29.4 28.3	26.9 26.7 27.2 29.1 27.5 Inf 29.8 28.6 27.7 29.3	26.3 27.4 27.0 28.0 27.2 OCT Eff 29.1 28.6 27.6 28.1	27.3 26.0 25.4 28.0 26.7 Inf 28.1 28.4 28.9 30.5	26.3 26.9 27.0 26.9 26.8 NOV Eff 26.9 27.4 31.2 29.7	28.3 29.1 28.7 29.9 29.0 Inf 28.3 26.3 29.7 27.6	28.8 29.4 28.8 29.7 29.2 DEC Eff 27.7 26.9 28.3 26.9
1 2 3 4 Average  Week 1 2 3 4 Average	27.0 28.1 26.1 28.1 27.3 Inf 30.2 24.4 27.7 28.5 27.7	Eff  27.2 26.9 25.6 28.0 26.9  JAN Eff 28.8 23.0 27.2 26.9  JAN	28.4 29.3 27.2 27.7 28.2 Inf 29.9 24.2 27.0	Eff 28.2 29.1 25.8 27.4 27.6  FEB Eff 32.5 24.4 26.7  27.9  FEB	26.3 28.0 26.9 28.9 27.5 Inf 26.6 23.5 26.9 27.2	Eff 25.9 27.6 29.4 30.4 28.3  MAR Eff 26.0 24.4 26.6 27.2 26.1	27.5 27.7 28.0 27.3 Inf 30.3 27.6 30.1 31.4 29.9	Eff 28.6 28.6 27.9 28.4  APR Eff 28.7 27.9 30.0 31.5 29.5	26.9 29.0 30.1 28.2 28.6 Inf 29.1 29.9 29.2 27.5 28.9	Eff 27.2 29.4 29.1 27.7 28.4  MAY Eff 29.1 29.4 29.7 29.4 29.7 27.4 28.9	Inf 28.2 29.7 28.4 29.6 29.0  AMMON  Inf 28.8 29.8 29.1 28.3 29.0  AMMON	JUN Eff 28.6 28.0 28.1 26.3 27.8 VIA (mg/ JUN Eff 28.0 29.4 28.6 28.0 28.5 VIA (mg/ JUN	Inf 28.0 29.0 28.5 28.5 28.5 28.5 L) 2001 Inf 29.4 30.0 29.4 29.6 L) 2002	Eff 27.9 27.4 28.8 26.6 27.7  JUL Eff 25.2 29.7 28.3  27.7	28.9 27.0 25.9 27.5 27.3 Inf 30.5 28.6 28.4 27.9 28.9	Eff 28.3 26.5 25.0 27.9 26.9  AUG Eff 29.7 29.1 28.1 25.8 28.2  AUG	27.5 27.0 27.0 24.2 Inf 28.2 28.4 30.0 28.8 28.9	Eff  28.1 28.1 26.3  27.5  SEP Eff  27.9 27.6 29.4 28.3 28.3  SEP	26.9 26.7 27.2 29.1 27.5 Inf 29.8 28.6 27.7 29.3 28.9	26.3 27.4 27.0 28.0 27.2 OCT Eff 29.1 28.6 27.6 28.1 28.4	27.3 26.0 25.4 28.0 26.7 Inf 28.1 28.4 28.9 30.5 29.0	Eff  26.3 26.9 27.0 26.9 26.8  NOV Eff  26.9 27.4 31.2 29.7 28.8	28.3 29.1 28.7 29.9 29.0 Inf 28.3 26.3 29.7 27.6 28.0	Eff  28.8 29.4 28.8 29.7 29.2  DEC Eff  27.7 26.9 28.3 26.9 27.4  DEC
1 2 3 4 Average  Week 1 2 3 4 Average	27.0 28.1 26.1 28.1 27.3 Inf 30.2 24.4 27.7 28.5 27.7	Eff  27.2 26.9 25.6 28.0 26.9  JAN Eff 28.8 23.0 27.2 26.9  JAN Eff 5 JAN Eff	28.4 29.3 27.2 27.7 28.2 Inf 29.9 24.2 27.0	Eff 28.2 29.1 25.8 27.4 27.6  FEB Eff 32.5 24.4 26.7  27.9  FEB Eff	26.3 28.0 26.9 28.9 27.5 Inf 26.6 23.5 26.9 27.2 26.1	Eff  25.9 27.6 29.4 30.4 28.3  MAR Eff 26.0 24.4 26.6 27.2 26.1  MAR Eff	27.5 27.7 28.0 27.3 Inf 30.3 27.6 30.1 31.4 29.9	28.6 28.6 27.9 28.4 APR Eff 28.7 27.9 30.0 31.5 29.5	26.9 29.0 30.1 28.2 28.6 Inf 29.1 29.9 29.2 27.5 28.9	Eff  27.2 29.4 29.1 27.7 28.4  MAY Eff  29.1 29.1 27.7 28.4  MAY Eff  MAY Eff  MAY Eff  MAY Eff	Inf 28.2 29.7 28.4 29.6 29.0  AMMON Inf 28.8 29.8 29.1 28.3 29.0  AMMON Inf	JUN Eff 28.6 28.0 28.1 26.3 27.8 NIA (mg/ JUN Eff 28.0 29.4 28.6 28.0 28.5 NIA (mg/ JUN Eff JUN Eff	Inf 28.0 29.0 28.5 28.5 28.5 L) 2001 Inf 29.4 30.0 29.4 29.6 L) 2002 Inf	Eff 27.9 27.4 28.8 26.6 27.7  JUL Eff 25.2 29.7 28.3  27.7  JUL Eff	28.9 27.0 25.9 27.5 27.3 Inf 30.5 28.6 28.4 27.9 28.9	Eff  28.3 26.5 25.0 27.9 26.9  AUG Eff 29.7 29.1 28.1 25.8 28.2  AUG Eff	27.5 27.0 27.0 24.2 Inf 28.2 28.4 30.0 28.8 28.9	28.1 28.1 26.3 27.5 SEP Eff 27.9 27.6 29.4 28.3 28.3	26.9 26.7 27.2 29.1 27.5 Inf 29.8 28.6 27.7 29.3 28.9	26.3 27.4 27.0 28.0 27.2 OCT Eff 29.1 28.6 27.6 28.1 28.4	27.3 26.0 25.4 28.0 26.7 Inf 28.1 28.4 28.9 30.5 29.0	26.3 26.9 27.0 26.9 26.8 NOV Eff 26.9 27.4 31.2 29.7 28.8	28.3 29.1 28.7 29.9 29.0 Inf 28.3 26.3 29.7 27.6 28.0	Eff  28.8 29.4 28.8 29.7 29.2  DEC Eff  27.7 26.9 28.3 26.9 27.4  DEC Eff
1 2 3 4 Average  Week 1 2 3 4 Average  Week 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	27.0 28.1 26.1 28.1 27.3 Inf 30.2 24.4 27.7 28.5 27.7	Eff 27.2 26.9 25.6 28.0 26.9  JAN Eff 28.8 23.0 27.2 26.9  JAN Eff 27.6	28.4 29.3 27.2 27.7 28.2 Inf 29.9 24.2 27.0 Inf 30.1	Eff 28.2 29.1 25.8 27.4 27.6  FEB Eff 32.5 24.4 26.7  27.9  FEB Eff 29.8	26.3 28.0 26.9 28.9 27.5 Inf 26.6 23.5 26.9 27.2 26.1	Eff 25.9 27.6 29.4 30.4 28.3  MAR Eff 26.0 24.4 26.6 27.2 26.1  MAR Eff 29	27.5 27.7 28.0 27.3 Inf 30.3 27.6 30.1 31.4 29.9	Eff  28.6 28.6 27.9  28.4  APR Eff 28.7 27.9 30.0 31.5 29.5  APR Eff 28.3	26.9 29.0 30.1 28.2 28.6 Inf 29.1 29.9 29.2 27.5 28.9	Eff 27.2 29.4 29.1 27.7 28.4  MAY Eff 29.1 29.4 29.7 27.4 28.9  MAY Eff 300.8	Inf 28.2 29.7 28.4 29.6 29.0  AMMON Inf 28.8 29.8 29.1 28.3 29.0  AMMON Inf 27.2	JUN Eff 28.6 28.0 28.1 26.3 27.8 NIA (mg/ JUN Eff 28.0 29.4 28.6 28.0 28.5 NIA (mg/ JUN Eff 28.0	Inf 28.0 29.0 28.5 28.5 28.5 28.5 L) 2001 Inf 29.4 30.0 29.4 29.6 L) 2002 Inf 28	Eff 27.9 27.4 28.8 26.6 27.7  JUL Eff 25.2 29.7 28.3  27.7  JUL Eff 26.3	28.9 27.0 25.9 27.5 27.3 Inf 30.5 28.6 28.4 27.9 28.9	Eff  28.3 26.5 25.0 27.9 26.9  AUG Eff 29.7 29.1 28.1 25.8 28.2  AUG Eff 29.0	27.5 27.0 27.0 24.2 Inf 28.2 28.4 30.0 28.8 28.9	28.1 28.1 26.3 27.5 SEP Eff 27.9 27.6 29.4 28.3 28.3 SEP Eff 26	26.9 26.7 27.2 29.1 27.5 Inf 29.8 28.6 27.7 29.3 28.9	26.3 27.4 27.0 28.0 27.2 OCT Eff 29.1 28.6 27.6 28.1 28.4 OCT Eff 26.6	27.3 26.0 25.4 28.0 26.7 Inf 28.1 28.4 28.9 30.5 29.0	26.3 26.9 27.0 26.9 26.8 NOV Eff 26.9 27.4 31.2 29.7 28.8 NOV Eff 29.1	28.3 29.1 28.7 29.9 29.0 Inf 28.3 26.3 29.7 27.6 28.0	Eff  28.8 29.4 28.8 29.7 29.2  DEC Eff  27.7 26.9 28.3 26.9 27.4  DEC Eff  25.2
1 2 3 4 Average  Week 1 2 3 4 Average  Week 1 2 2 3 4 Average	27.0 28.1 26.1 28.1 27.3 Inf 30.2 24.4 27.7 28.5 27.7	Eff 27.2 26.9 25.6 28.0 26.9  JAN Eff 28.8 23.0 27.2 26.9  JAN Eff 27.6 29.8	28.4 29.3 27.2 27.7 28.2 Inf 29.9 24.2 27.0 27.0	Eff 28.2 29.1 25.8 27.4 27.6  FEB Eff 32.5 24.4 26.7  27.9  FEB Eff 29.8 25.2	26.3 28.0 26.9 28.9 27.5 Inf 26.6 23.5 26.9 27.2 26.1	Eff 25.9 27.6 29.4 30.4 28.3  MAR Eff 26.0 24.4 26.6 27.2 26.1  MAR Eff 29 30.5	27.5 27.7 28.0 27.3 Inf 30.3 27.6 30.1 31.4 29.9	Eff  28.6 28.6 27.9  28.4  APR Eff  28.7 27.9 30.0 31.5 29.5  APR Eff  28.3 28.0	26.9 29.0 30.1 28.2 28.6 Inf 29.1 29.9 29.2 27.5 28.9 Inf 29.4 31.6	Eff 27.2 29.4 29.1 27.7 28.4  MAY Eff 29.1 29.4 29.7 27.4 28.9  MAY Eff 300.8 31.4	Inf 28.2 29.7 28.4 29.6 29.0  AMMON Inf 28.8 29.8 29.1 28.3 29.0  AMMON Inf 27.2 27.2	JUN Eff 28.6 28.0 28.1 26.3 27.8 VIA (mg/ JUN Eff 28.0 29.4 28.6 28.0 28.5 VIA (mg/ JUN Eff 26.0 26.3	Inf 28.0 29.0 28.5 28.5 28.5 28.5 L) 2001 Inf 29.4 30.0 29.4 29.6 L) 2002 Inf 28 27.4	Eff 27.9 27.4 28.8 26.6 27.7  JUL Eff 25.2 29.7 28.3  27.7  JUL Eff 26.3 25.5	28.9 27.0 25.9 27.5 27.3 Inf 30.5 28.6 28.4 27.9 28.9	Eff 28.3 26.5 25.0 27.9 26.9  AUG Eff 29.7 29.1 28.1 25.8 28.2  AUG Eff 29.0 27.2	27.5 27.0 27.0 24.2 Inf 28.2 28.4 30.0 28.8 28.9 Inf 26.3 26.3	28.1 28.1 26.3 27.5 SEP Eff 27.9 27.6 29.4 28.3 28.3 SEP Eff 26 27.4	26.9 26.7 27.2 29.1 27.5 Inf 29.8 28.6 27.7 29.3 28.9	26.3 27.4 27.0 28.0 27.2 OCT Eff 29.1 28.6 27.6 28.1 28.4 OCT Eff 26.6 26.3	27.3 26.0 25.4 28.0 26.7 Inf 28.1 28.4 28.9 30.5 29.0	26.3 26.9 27.0 26.9 26.8 NOV Eff 26.9 27.4 31.2 29.7 28.8 NOV Eff 29.1 26.9	28.3 29.1 28.7 29.9 29.0 Inf 28.3 26.3 29.7 27.6 28.0	Eff  28.8 29.4 28.8 29.7 29.2  DEC Eff  27.7 26.9 28.3 26.9 27.4  DEC Eff  25.2 26.3
1 2 3 4 Average  Week 1 2 3 4 Average  Week 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	27.0 28.1 26.1 28.1 27.3 Inf 30.2 24.4 27.7 28.5 27.7	Eff 27.2 26.9 25.6 28.0 26.9  JAN Eff 28.8 23.0 27.2 26.9  JAN Eff 27.6	28.4 29.3 27.2 27.7 28.2 Inf 29.9 24.2 27.0 27.0 Inf 30.1 26.5 27.7	Eff 28.2 29.1 25.8 27.4 27.6  FEB Eff 32.5 24.4 26.7  27.9  FEB Eff 29.8 25.2 26	26.3 28.0 26.9 28.9 27.5 Inf 26.6 23.5 26.9 27.2 26.1	Eff 25.9 27.6 29.4 30.4 28.3  MAR Eff 26.0 24.4 26.6 27.2 26.1  MAR Eff 29 30.5 27.3	27.5 27.7 28.0 27.3 Inf 30.3 27.6 30.1 31.4 29.9 Inf 27.9 28.6 31.9	Eff 28.6 28.6 27.9  28.4  APR Eff 28.7 27.9 30.0 31.5 29.5  APR Eff 28.3 28.0 30.2	26.9 29.0 30.1 28.2 28.6 Inf 29.1 29.9 29.2 27.5 28.9	Eff 27.2 29.4 29.1 27.7 28.4  MAY Eff 29.1 29.4 29.7 27.4 28.9  MAY Eff 300.8	Inf 28.2 29.7 28.4 29.6 29.0  AMMON Inf 28.8 29.8 29.1 28.3 29.0  AMMON Inf 27.2 27.2 27.7	JUN Eff 28.6 28.0 28.1 26.3 27.8 NIA (mg/ JUN Eff 28.0 29.4 28.6 28.0 28.5 NIA (mg/ JUN Eff 26.0 26.3 25.8	Inf 28.0 29.0 28.5 28.5 28.5 28.5 L) 2001 Inf 29.4 30.0 29.4 29.6 L) 2002 Inf 28 27.4 28.8	27.9 27.4 28.8 26.6 27.7 JUL Eff 25.2 29.7 28.3 27.7 JUL Eff 26.3 25.5 28.3	28.9 27.0 25.9 27.5 27.3 Inf 30.5 28.6 28.4 27.9 28.9 Inf 29.3 28.6 29.7	Eff 28.3 26.5 25.0 27.9 26.9  AUG Eff 29.7 29.1 28.1 25.8 28.2  AUG Eff 29.0 27.2 29.4	27.5 27.0 27.0 24.2 Inf 28.2 28.4 30.0 28.8 28.9 Inf 26.3 26.3 26.3	28.1 28.1 26.3 27.5 SEP Eff 27.9 27.6 29.4 28.3 28.3 SEP Eff 26 27.4 26.9	26.9 26.7 27.2 29.1 27.5 Inf 29.8 28.6 27.7 29.3 28.9	26.3 27.4 27.0 28.0 27.2 OCT Eff 29.1 28.6 27.6 28.1 28.4 OCT Eff 26.6 26.3 26.9	27.3 26.0 25.4 28.0 26.7 Inf 28.1 28.4 28.9 30.5 29.0	26.3 26.9 27.0 26.9 26.8 NOV Eff 26.9 27.4 31.2 29.7 28.8 NOV Eff 29.1	28.3 29.1 28.7 29.9 29.0 Inf 28.3 26.3 29.7 27.6 28.0 Inf 25.8 26.6 26.9	Eff 28.8 29.4 28.8 29.7 29.2  DEC Eff 27.7 26.9 28.3 26.9 27.4  DEC Eff 25.2 26.3 26.3
1 2 3 4 Average  Week 1 2 3 4 Average  Week 1 2 3 3 4 4 Average	27.0 28.1 26.1 28.1 27.3 Inf 30.2 24.4 27.7 28.5 27.7	Eff 27.2 26.9 25.6 28.0 26.9  JAN Eff 28.8 23.0 27.2 26.9  JAN Eff 27.6 29.8	28.4 29.3 27.2 27.7 28.2 Inf 29.9 24.2 27.0 27.0	Eff 28.2 29.1 25.8 27.4 27.6  FEB Eff 32.5 24.4 26.7  27.9  FEB Eff 29.8 25.2	26.3 28.0 26.9 28.9 27.5 Inf 26.6 23.5 26.9 27.2 26.1	Eff 25.9 27.6 29.4 30.4 28.3  MAR Eff 26.0 24.4 26.6 27.2 26.1  MAR Eff 29 30.5	27.5 27.7 28.0 27.3 Inf 30.3 27.6 30.1 31.4 29.9	Eff  28.6 28.6 27.9  28.4  APR Eff  28.7 27.9 30.0 31.5 29.5  APR Eff  28.3 28.0	26.9 29.0 30.1 28.2 28.6 Inf 29.1 29.9 29.2 27.5 28.9 Inf 29.4 31.6	Eff 27.2 29.4 29.1 27.7 28.4  MAY Eff 29.1 29.4 29.7 27.4 28.9  MAY Eff 300.8 31.4	Inf 28.2 29.7 28.4 29.6 29.0  AMMON Inf 28.8 29.8 29.1 28.3 29.0  AMMON Inf 27.2 27.2	JUN Eff 28.6 28.0 28.1 26.3 27.8 VIA (mg/ JUN Eff 28.0 29.4 28.6 28.0 28.5 VIA (mg/ JUN Eff 26.0 26.3	Inf 28.0 29.0 28.5 28.5 28.5 28.5 L) 2001 Inf 29.4 30.0 29.4 29.6 L) 2002 Inf 28 27.4	Eff 27.9 27.4 28.8 26.6 27.7  JUL Eff 25.2 29.7 28.3  27.7  JUL Eff 26.3 25.5	28.9 27.0 25.9 27.5 27.3 Inf 30.5 28.6 28.4 27.9 28.9	Eff 28.3 26.5 25.0 27.9 26.9  AUG Eff 29.7 29.1 28.1 25.8 28.2  AUG Eff 29.0 27.2	27.5 27.0 27.0 24.2 Inf 28.2 28.4 30.0 28.8 28.9 Inf 26.3 26.3	28.1 28.1 26.3 27.5 SEP Eff 27.9 27.6 29.4 28.3 28.3 SEP Eff 26 27.4	26.9 26.7 27.2 29.1 27.5 Inf 29.8 28.6 27.7 29.3 28.9	26.3 27.4 27.0 28.0 27.2 OCT Eff 29.1 28.6 27.6 28.1 28.4 OCT Eff 26.6 26.3	27.3 26.0 25.4 28.0 26.7 Inf 28.1 28.4 28.9 30.5 29.0	26.3 26.9 27.0 26.9 26.8 NOV Eff 26.9 27.4 31.2 29.7 28.8 NOV Eff 29.1 26.9	28.3 29.1 28.7 29.9 29.0 Inf 28.3 26.3 29.7 27.6 28.0	Eff  28.8 29.4 28.8 29.7 29.2  DEC Eff  27.7 26.9 28.3 26.9 27.4  DEC Eff  25.2 26.3

											CVANI	DE (ma/l	\ 1007											
		JAN		FEB		MAR		APR		MAY	CTAINI	DE (mg/l JUN	_) 1997	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	0.002	0.002	0.003	0.006	0.003	0.005	0.002	<0.002	0.004	0.090	0.004	0.005	0.002	0.006	0.003	0.002	0.006	0.015	0.003	0.008	0.003	0.007	0.008	0.005
2	< 0.002	0.003	0.003	0.003	0.002	0.003	0.003	0.003	< 0.002	0.003	0.005	0.015	0.003	0.034	0.003	0.003	0.003	0.002	0.004	0.018	0.002	0.007	0.008	0.007
3	0.002	0.007	0.003	0.005	0.003	0.003	0.004	0.003	0.004	0.003	0.004	0.007	0.002	0.006	0.003	0.005	0.004	0.004	0.005	0.013	0.006	0.007	0.004	0.005
4	0.002	0.003	0.003	0.005	0.004	0.005			0.003	0.005	0.003	0.006	0.004	0.008	0.004	0.008			0.005	0.008	0.007	0.007	0.005	0.005
Average	0.002	0.004	0.003	0.005	0.003	0.004	0.003	0.002	0.003	0.025	0.004	0.008	0.003	0.013	0.003	0.004	0.004	0.007	0.004	0.012	0.005	0.007	0.006	0.005
											CYANI	DE (mg/l	) 1998											
		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	0.003	0.004	0.002	<0.002	0.003	0.004	0.008	0.009	0.004	0.004	0.004	0.012	0.003	0.007	0.007	0.008	0.003	0.003	0.004	0.010	0.004	0.004	0.004	0.004
2	0.003	0.005	0.003	0.003	0.004	0.004	0.002	0.003	0.005	0.005	0.004	0.007	0.004	0.004	0.009	0.006	0.003	0.002	0.004	0.003	0.009	0.006	0.005	0.005
3	0.005	0.003	0.002	0.003	0.007	0.013	0.002	< 0.002	0.004	0.005	0.004	0.003	0.004	0.004	0.004	0.009	0.026	0.018	0.010	0.008	0.004	0.003	0.005	0.005
4 Average	0.004	0.004	0.002	0.002	0.008	0.009	0.003	0.002	0.005	0.008	0.006	0.004	0.004	0.005	0.005	0.004	0.006	0.009	0.004	0.004	0.003	0.003	0.004	0.006
Average	0.004	0.004	0.002	0.002	0.000	0.007	0.004	0.004	0.003	0.003	0.003	0.000	0.004	0.003	0.000	0.007	0.010	0.000	0.000	0.000	0.003	0.004	0.003	0.003
											CYANI	DE (mg/l	_) 1999											
		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	0.004	0.009	0.004	0.006	0.005	0.005	0.003	0.003	0.004	0.003	0.003	0.004	0.003	0.007	0.004	0.004	<0.002	<0.002	0.013	0.014	0.003	0.010	0.003	0.004
2 3	0.003	0.007	0.005	0.007	0.008	0.011	0.003	0.003	0.003	0.003	0.004	0.004 0.007	0.003	<0.002	0.004	0.004	0.004	0.004	0.005	0.004	0.004	0.006	0.005	0.004
4	0.003	0.007	0.004 0.005	0.005 0.007	0.002	0.003	0.003 0.007	0.005 0.005	0.003	0.004	0.006 0.019	0.007	0.004 0.005	0.004	<0.002 <0.002	0.005 <0.002	0.004 0.008	0.001 0.006	0.004	0.004	0.003	0.005	0.006 0.004	0.007 0.003
Average	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	0.003	0.004	0.003	0.006	0.006	0.003	0.007	0.005	0.005
											CYANI	DE (mg/l	_) 2000											
· · ·		JAN		FEB		MAR	1.6	APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	JUN Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	0.006	Eff 0.005	0.004	Eff 0.003	0.005	Eff 0.005	0.005	Eff 0.004	0.004	Eff 0.004	Inf 0.004	JUN Eff 0.004	Inf 0.005	Eff 0.006	0.004	Eff 0.004	0.004	Eff 0.003	0.013	Eff 0.014	0.004	Eff 0.003	0.002	Eff 0.003
1 2	0.006 0.004	Eff 0.005 0.004	0.004 0.007	Eff 0.003 0.006	0.005 0.004	Eff 0.005 0.003	0.005 0.004	Eff 0.004 0.003	0.004 0.005	Eff 0.004 0.004	Inf 0.004 0.004	JUN Eff 0.004 0.004	Inf 0.005 0.002	Eff 0.006 0.003	0.004 0.003	Eff 0.004 0.003	0.004 0.005	Eff 0.003 0.003	0.013 0.005	Eff 0.014 0.004	0.004 0.004	Eff 0.003 0.004	0.002 0.003	Eff 0.003 0.003
1	0.006	Eff 0.005	0.004	Eff 0.003	0.005	Eff 0.005	0.005	Eff 0.004	0.004	Eff 0.004	Inf 0.004	JUN Eff 0.004	Inf 0.005	Eff 0.006	0.004	Eff 0.004	0.004	Eff 0.003	0.013	Eff 0.014	0.004	Eff 0.003	0.002	Eff 0.003
1 2 3	0.006 0.004 0.003 0.004	Eff 0.005 0.004 0.003	0.004 0.007 0.003	Eff 0.003 0.006 0.013	0.005 0.004 0.005	Eff 0.005 0.003 0.004	0.005 0.004	Eff 0.004 0.003	0.004 0.005 0.003	Eff 0.004 0.004 0.005	Inf 0.004 0.004 0.003	JUN Eff 0.004 0.004 0.006	Inf 0.005 0.002 0.003	Eff 0.006 0.003 0.003	0.004 0.003 0.004	Eff 0.004 0.003 0.003	0.004 0.005	Eff 0.003 0.003	0.013 0.005 0.004	Eff 0.014 0.004 0.004	0.004 0.004 0.004	Eff 0.003 0.004 0.003	0.002 0.003 0.007	Eff 0.003 0.003 0.006
1 2 3 4	0.006 0.004 0.003 0.004	Eff 0.005 0.004 0.003 0.003	0.004 0.007 0.003 0.004	Eff 0.003 0.006 0.013 0.003	0.005 0.004 0.005 0.005	Eff 0.005 0.003 0.004 0.005	0.005 0.004 0.004	Eff 0.004 0.003 0.003	0.004 0.005 0.003 0.003	Eff 0.004 0.004 0.005 0.002	Inf 0.004 0.004 0.003 0.004	JUN Eff 0.004 0.004 0.006 0.006	Inf 0.005 0.002 0.003 0.039 0.012	Eff 0.006 0.003 0.003 0.003	0.004 0.003 0.004 0.002	Eff 0.004 0.003 0.003 0.003	0.004 0.005 0.003	Eff 0.003 0.003 0.003	0.013 0.005 0.004 0.003	Eff 0.014 0.004 0.004 0.003	0.004 0.004 0.004 0.003	Eff 0.003 0.004 0.003 0.003	0.002 0.003 0.007 0.003	Eff 0.003 0.003 0.006 0.003
1 2 3 4	0.006 0.004 0.003 0.004	Eff 0.005 0.004 0.003 0.003	0.004 0.007 0.003 0.004	Eff 0.003 0.006 0.013 0.003	0.005 0.004 0.005 0.005	Eff 0.005 0.003 0.004 0.005 0.004	0.005 0.004 0.004	Eff 0.004 0.003 0.003	0.004 0.005 0.003 0.003	Eff 0.004 0.004 0.005 0.002 0.004	Inf 0.004 0.004 0.003 0.004	JUN Eff 0.004 0.004 0.006 0.006 0.005	Inf 0.005 0.002 0.003 0.039 0.012	Eff 0.006 0.003 0.003 0.003 0.004	0.004 0.003 0.004 0.002	Eff 0.004 0.003 0.003 0.003 0.003	0.004 0.005 0.003	Eff 0.003 0.003 0.003	0.013 0.005 0.004 0.003	Eff 0.014 0.004 0.004 0.003 0.006	0.004 0.004 0.004 0.003	Eff 0.003 0.004 0.003 0.003	0.002 0.003 0.007 0.003	Eff 0.003 0.003 0.006 0.003 0.005
1 2 3 4 Average	0.006 0.004 0.003 0.004 0.004	Eff 0.005 0.004 0.003 0.003 0.004	0.004 0.007 0.003 0.004 0.005	Eff 0.003 0.006 0.013 0.003 0.006	0.005 0.004 0.005 0.005 0.005	Eff 0.005 0.003 0.004 0.005 0.004	0.005 0.004 0.004	Eff 0.004 0.003 0.003 0.003	0.004 0.005 0.003 0.003 0.004	Eff 0.004 0.004 0.005 0.002 0.004	Inf 0.004 0.004 0.003 0.004 0.004	JUN Eff 0.004 0.004 0.006 0.006 0.005 DE (mg/L JUN	Inf 0.005 0.002 0.003 0.039 0.012	Eff 0.006 0.003 0.003 0.003 0.004	0.004 0.003 0.004 0.002 0.003	Eff 0.004 0.003 0.003 0.003 0.003	0.004 0.005 0.003	Eff 0.003 0.003 0.003 0.003	0.013 0.005 0.004 0.003 0.006	Eff 0.014 0.004 0.004 0.003 0.006	0.004 0.004 0.004 0.003 0.004	Eff 0.003 0.004 0.003 0.003 0.003	0.002 0.003 0.007 0.003 0.004	Eff 0.003 0.003 0.006 0.003 0.005
1 2 3 4 Average	0.006 0.004 0.003 0.004 0.004	Eff 0.005 0.004 0.003 0.003 0.004	0.004 0.007 0.003 0.004 0.005	Eff 0.003 0.006 0.013 0.003 0.006	0.005 0.004 0.005 0.005 0.005	Eff 0.005 0.003 0.004 0.005 0.004	0.005 0.004 0.004 0.004	Eff 0.004 0.003 0.003 0.003 APR Eff	0.004 0.005 0.003 0.003 0.004	Eff 0.004 0.004 0.005 0.002 0.004 MAY Eff	Inf 0.004 0.004 0.003 0.004 0.004 CYANI	JUN Eff 0.004 0.004 0.006 0.006 0.005 DE (mg/l JUN Eff	Inf 0.005 0.002 0.003 0.039 0.012 -) 2001 Inf	Eff 0.006 0.003 0.003 0.003 0.004	0.004 0.003 0.004 0.002 0.003	Eff 0.004 0.003 0.003 0.003 0.003	0.004 0.005 0.003 0.004	Eff 0.003 0.003 0.003 0.003	0.013 0.005 0.004 0.003 0.006	Eff 0.014 0.004 0.004 0.003 0.006	0.004 0.004 0.004 0.003 0.004	Eff 0.003 0.004 0.003 0.003 0.003	0.002 0.003 0.007 0.003 0.004	Eff 0.003 0.003 0.006 0.003 0.005
1 2 3 4 Average	0.006 0.004 0.003 0.004 0.004	Eff 0.005 0.004 0.003 0.003 0.004 JAN Eff 0.005	0.004 0.007 0.003 0.004 0.005	Eff 0.003 0.006 0.013 0.003 0.006 FEB Eff 0.006	0.005 0.004 0.005 0.005 0.005	Eff 0.005 0.003 0.004 0.005 0.004 MAR Eff 0.005	0.005 0.004 0.004 0.004	Eff 0.004 0.003 0.003 0.003 APR Eff 0.004	0.004 0.005 0.003 0.003 0.004	Eff 0.004 0.004 0.005 0.002 0.004 MAY Eff 0.003	Inf 0.004 0.004 0.003 0.004 0.004 CYANI Inf 0.003	JUN Eff 0.004 0.006 0.006 0.005 DE (mg/L JUN Eff 0.003	Inf 0.005 0.002 0.003 0.039 0.012 0.012 0.003	Eff 0.006 0.003 0.003 0.003 0.004 JUL Eff 0.003	0.004 0.003 0.004 0.002 0.003	Eff 0.004 0.003 0.003 0.003 0.003 AUG Eff 0.002	0.004 0.005 0.003 0.004	Eff 0.003 0.003 0.003 0.003 SEP Eff <0.002	0.013 0.005 0.004 0.003 0.006	Eff 0.014 0.004 0.004 0.003 0.006  OCT Eff < 0.002	0.004 0.004 0.003 0.004 0.003	Eff 0.003 0.004 0.003 0.003 0.003  NOV Eff 0.003	0.002 0.003 0.007 0.003 0.004	Eff 0.003 0.003 0.006 0.003 0.005  DEC Eff 0.003
1 2 3 4 Average	0.006 0.004 0.003 0.004 0.004	Eff 0.005 0.004 0.003 0.003 0.004	0.004 0.007 0.003 0.004 0.005	Eff 0.003 0.006 0.013 0.003 0.006	0.005 0.004 0.005 0.005 0.005	Eff 0.005 0.003 0.004 0.005 0.004	0.005 0.004 0.004 0.004	Eff 0.004 0.003 0.003 0.003 APR Eff	0.004 0.005 0.003 0.003 0.004	Eff 0.004 0.004 0.005 0.002 0.004 MAY Eff	Inf 0.004 0.004 0.003 0.004 0.004 CYANI	JUN Eff 0.004 0.004 0.006 0.006 0.005 DE (mg/l JUN Eff	Inf 0.005 0.002 0.003 0.039 0.012 -) 2001 Inf	Eff 0.006 0.003 0.003 0.003 0.004	0.004 0.003 0.004 0.002 0.003	Eff 0.004 0.003 0.003 0.003 0.003  AUG Eff 0.002 0.005	0.004 0.005 0.003 0.004 Inf 0.003 0.003	Eff 0.003 0.003 0.003 0.003	0.013 0.005 0.004 0.003 0.006	Eff 0.014 0.004 0.004 0.003 0.006	0.004 0.004 0.004 0.003 0.004	Eff 0.003 0.004 0.003 0.003 0.003	0.002 0.003 0.007 0.003 0.004	Eff  0.003 0.003 0.006 0.003  0.005  DEC Eff  0.003 0.003
1 2 3 4 Average  Week 1 2	0.006 0.004 0.003 0.004 0.004 Inf 0.005 0.004	Eff 0.005 0.004 0.003 0.003 0.004 JAN Eff 0.005 0.004	0.004 0.007 0.003 0.004 0.005	Eff 0.003 0.006 0.013 0.003 0.006 FEB Eff 0.006 0.003	0.005 0.004 0.005 0.005 0.005	Eff 0.005 0.003 0.004 0.005 0.004  MAR Eff 0.005 0.004	0.005 0.004 0.004 0.004	Eff 0.004 0.003 0.003  0.003  APR Eff 0.004 0.004	0.004 0.005 0.003 0.003 0.004	Eff 0.004 0.004 0.005 0.002 0.004  MAY Eff 0.003 0.003	Inf 0.004 0.004 0.003 0.004 0.004 CYANI Inf 0.003 0.003	JUN Eff 0.004 0.006 0.006 0.005 DE (mg/I JUN Eff 0.003 0.003	Inf 0.005 0.002 0.003 0.039 0.012 2) 2001 Inf 0.003 0.003	Eff 0.006 0.003 0.003 0.004  JUL Eff 0.003 0.003	0.004 0.003 0.004 0.002 0.003 Inf 0.003 0.005	Eff 0.004 0.003 0.003 0.003 0.003  AUG Eff 0.002 0.005	0.004 0.005 0.003 0.004 Inf 0.003 0.003	Eff 0.003 0.003 0.003	0.013 0.005 0.004 0.003 0.006	0.014 0.004 0.004 0.003 0.006 OCT Eff < 0.002 <0.002	0.004 0.004 0.004 0.003 0.004 Inf 0.003 0.003	Eff 0.003 0.004 0.003 0.003 0.003  NOV Eff 0.003 0.003	0.002 0.003 0.007 0.003 0.004 Inf 0.004 0.004	Eff  0.003 0.003 0.006 0.003  0.005  DEC Eff  0.003 0.003
1 2 3 4 Average  Week 1 2 3	0.006 0.004 0.003 0.004 0.004 0.005 0.005 0.004 0.003	Eff 0.005 0.004 0.003 0.003 0.004  JAN Eff 0.005 0.004 0.003	0.004 0.007 0.003 0.004 0.005	Eff 0.003 0.006 0.013 0.003 0.006 FEB Eff 0.006 0.003	0.005 0.004 0.005 0.005 0.005 0.005	Eff 0.005 0.003 0.004 0.005 0.004 MAR Eff 0.005 0.004	0.005 0.004 0.004 0.004 0.003 0.003 0.004 0.002	0.004 0.003 0.003 0.003 0.003 APR Eff 0.004 0.004 0.003	0.004 0.005 0.003 0.003 0.004 Inf 0.002 0.002	Eff 0.004 0.004 0.005 0.002 0.004 MAY Eff 0.003 0.003 0.009	Inf 0.004 0.004 0.003 0.004 0.004 CYANI Inf 0.003 0.003 0.003	JUN Eff 0.004 0.006 0.006 0.005 DE (mg/l JUN Eff 0.003 0.003 0.003	Inf 0.005 0.002 0.003 0.039 0.012 2) 2001 Inf 0.003 0.003	Eff 0.006 0.003 0.003 0.004  JUL Eff 0.003 0.003	0.004 0.003 0.004 0.002 0.003 Inf 0.003 0.005 <0.002	Eff 0.004 0.003 0.003 0.003 0.003 AUG Eff 0.002 0.005 <0.002	0.004 0.005 0.003 0.004 Inf 0.003 0.003 <0.002	Eff 0.003 0.003 0.003	0.013 0.005 0.004 0.003 0.006 Inf 0.002 <0.002 0.003	0.014 0.004 0.004 0.003 0.006 OCT Eff < 0.002 <0.002 0.003	0.004 0.004 0.003 0.004 0.003 0.003 0.003 0.003	0.003 0.004 0.003 0.003 0.003 0.003 0.003 NOV Eff 0.003 0.003	0.002 0.003 0.007 0.003 0.004 Inf 0.004 0.004 <0.002	Eff 0.003 0.003 0.006 0.003 0.005  DEC Eff 0.003 0.003 <0.002
1 2 3 4 Average Week 1 2 3 4	0.006 0.004 0.003 0.004 0.004 0.005 0.005 0.004 0.003	Eff 0.005 0.004 0.003 0.004  JAN Eff 0.005 0.004 0.003 0.003	0.004 0.007 0.003 0.004 0.005 Inf 0.006 0.004 0.006	Eff 0.003 0.006 0.013 0.003 0.006 FEB Eff 0.006 0.003 0.006	0.005 0.004 0.005 0.005 0.005 0.005	Eff 0.005 0.003 0.004 0.005 0.004  MAR Eff 0.005 0.004 0.005	0.005 0.004 0.004 0.004 0.004 0.003 0.004 0.002 0.002	Eff 0.004 0.003 0.003 0.003 APR Eff 0.004 0.004 0.003 0.003	0.004 0.005 0.003 0.003 0.004 Inf 0.002 0.002 0.007 0.002	Eff 0.004 0.004 0.005 0.002 0.004  MAY Eff 0.003 0.003 0.009 0.003	Inf 0.004 0.004 0.003 0.004 0.004  CYANI Inf 0.003 0.003 0.003 0.003 0.003	JUN Eff 0.004 0.006 0.006 0.005 DE (mg/l JUN Eff 0.003 0.003 0.003 0.003	Inf 0.005 0.002 0.003 0.039 0.012 2) 2001 Inf 0.003 0.003 0.003	Eff 0.006 0.003 0.003 0.003 0.004  JUL Eff 0.003 0.003 0.003	0.004 0.003 0.004 0.002 0.003 Inf 0.003 0.005 <0.002 <0.002	Eff 0.004 0.003 0.003 0.003 0.003  AUG Eff 0.002 0.005 <0.002 <0.002	0.004 0.005 0.003 0.004 Inf 0.003 0.003 <0.002 <0.002	Eff 0.003 0.003 0.003 0.003  SEP Eff <0.002 0.003 0.002 0.002	0.013 0.005 0.004 0.003 0.006 Inf 0.002 <0.002 0.003 <0.003	Eff 0.014 0.004 0.003 0.006  OCT Eff < 0.002 <0.002 0.003 <0.002	0.004 0.004 0.004 0.003 0.004 Inf 0.003 0.003 0.003 0.003	Eff 0.003 0.004 0.003 0.003 0.003  NOV Eff 0.003 0.003 0.003 0.003	0.002 0.003 0.007 0.003 0.004 Inf 0.004 0.004 <0.002 <0.002	Eff 0.003 0.003 0.006 0.003 0.005  DEC Eff 0.003 0.003 <0.002 <0.002
1 2 3 4 Average Week 1 2 3 4	0.006 0.004 0.003 0.004 0.004 0.005 0.005 0.004 0.003	Eff 0.005 0.004 0.003 0.004  JAN Eff 0.005 0.004 0.003 0.004	0.004 0.007 0.003 0.004 0.005 Inf 0.006 0.004 0.006	Eff 0.003 0.006 0.013 0.006 0.006  FEB Eff 0.006 0.003 0.006	0.005 0.004 0.005 0.005 0.005 0.005	Eff 0.005 0.003 0.004 0.005 0.004  MAR Eff 0.005 0.004 0.004 0.004 0.004	0.005 0.004 0.004 0.004 0.004 0.003 0.004 0.002 0.002	Eff 0.004 0.003 0.003 0.003 APR Eff 0.004 0.003 0.003	0.004 0.005 0.003 0.003 0.004 Inf 0.002 0.002 0.007 0.002	Eff 0.004 0.005 0.002 0.004  MAY Eff 0.003 0.003 0.003 0.005	Inf 0.004 0.004 0.003 0.004 0.004  CYANI Inf 0.003 0.003 0.003 0.003 0.003	JUN Eff 0.004 0.006 0.006 0.005  DE (mg/l JUN Eff 0.003 0.003 0.003 0.003 DE (mg/l	Inf 0.005 0.002 0.003 0.039 0.012 2) 2001 Inf 0.003 0.003 0.003	Eff 0.006 0.003 0.003 0.004  JUL Eff 0.003 0.003 0.003 0.003	0.004 0.003 0.004 0.002 0.003 Inf 0.003 0.005 <0.002 <0.002	Eff 0.004 0.003 0.003 0.003 0.003  AUG Eff 0.002 0.005 <0.002 <0.002 0.003	0.004 0.005 0.003 0.004 Inf 0.003 0.003 <0.002 <0.002	Eff 0.003 0.003 0.003 0.003  SEP Eff <0.002 0.002 0.002 0.002	0.013 0.005 0.004 0.003 0.006 Inf 0.002 <0.002 0.003 <0.003	Eff 0.014 0.004 0.003 0.006  OCT Eff < 0.002 0.003 <0.002 0.003	0.004 0.004 0.004 0.003 0.004 Inf 0.003 0.003 0.003 0.003	Eff 0.003 0.004 0.003 0.003 0.003  NOV Eff 0.003 0.003 0.003 0.003 0.003	0.002 0.003 0.007 0.003 0.004 Inf 0.004 0.004 <0.002 <0.002	Eff 0.003 0.003 0.006 0.003 0.005  DEC Eff 0.003 0.003 <0.002 <0.002 0.002
1 2 3 4 Average  Week 1 2 3 4 Average	0.006 0.004 0.003 0.004 0.004 0.005 0.005 0.004 0.003 0.003	Eff 0.005 0.004 0.003 0.004  JAN Eff 0.005 0.004 0.003 0.004	0.004 0.007 0.003 0.004 0.005 Inf 0.006 0.004 0.006	Eff 0.003 0.006 0.013 0.006 0.006  FEB Eff 0.006 0.003 0.006  FEB FEB	0.005 0.004 0.005 0.005 0.005 0.005 Inf 0.006 0.003 0.004 0.004	Eff 0.005 0.003 0.004 0.005 0.004  MAR Eff 0.005 0.004 0.004 0.004 0.004 MAR	0.005 0.004 0.004 0.004 0.003 0.003 0.004 0.002 0.002 0.003	Eff 0.004 0.003 0.003  APR Eff 0.004 0.003 0.003  APR APR APR	0.004 0.005 0.003 0.003 0.004 Inf 0.002 0.002 0.007 0.002 0.003	Eff 0.004 0.005 0.002 0.004  MAY Eff 0.003 0.003 0.003 0.005  MAY	Inf 0.004 0.004 0.003 0.004 0.004  CYANI Inf 0.003 0.003 0.003 0.003 CYANI	JUN Eff 0.004 0.006 0.006 0.005  DE (mg/l JUN Eff 0.003 0.003 0.003 0.003 DE (mg/l JUN	Inf 0.005 0.002 0.003 0.039 0.012 10f 0.003 0.003 0.003 0.003	Eff 0.006 0.003 0.003 0.004  JUL Eff 0.003 0.003 0.003	0.004 0.003 0.004 0.002 0.003 Inf 0.003 0.005 <0.002 <0.002	Eff 0.004 0.003 0.003 0.003 0.003  AUG Eff 0.002 0.005 <0.002 <0.002 0.003  AUG	0.004 0.005 0.003 0.004 Inf 0.003 0.003 <0.002 <0.002 0.003	Eff 0.003 0.003 0.003 0.003  SEP Eff <0.002 0.002 0.002 SEP	0.013 0.005 0.004 0.003 0.006 Inf 0.002 <0.002 0.003 <0.002 0.003	Eff 0.014 0.004 0.003 0.006  OCT Eff < 0.002 <0.002 0.003 <0.002  0.003  OCT	0.004 0.004 0.003 0.004 0.003 0.003 0.003 0.003 0.003 0.003	Eff 0.003 0.004 0.003 0.003 0.003  NOV Eff 0.003 0.003 0.003 0.003 0.003	0.002 0.003 0.007 0.003 0.004 0.004 0.004 0.004 <0.002 <0.002	Eff 0.003 0.003 0.006 0.003 0.005  DEC Eff 0.003 0.003 <0.002 <0.002 DEC
1 2 3 4 Average Week 1 2 3 4	0.006 0.004 0.003 0.004 0.004 0.005 0.005 0.004 0.003	Eff 0.005 0.004 0.003 0.004  JAN Eff 0.005 0.004 0.003 0.004	0.004 0.007 0.003 0.004 0.005 Inf 0.006 0.004 0.006	Eff 0.003 0.006 0.013 0.006 0.006  FEB Eff 0.006 0.003 0.006	0.005 0.004 0.005 0.005 0.005 0.005	Eff 0.005 0.003 0.004 0.005 0.004  MAR Eff 0.005 0.004 0.004 0.004 0.004	0.005 0.004 0.004 0.004 0.004 0.003 0.004 0.002 0.002	Eff 0.004 0.003 0.003 0.003 APR Eff 0.004 0.003 0.003	0.004 0.005 0.003 0.003 0.004 Inf 0.002 0.002 0.007 0.002	Eff 0.004 0.005 0.002 0.004  MAY Eff 0.003 0.003 0.003 0.005	Inf 0.004 0.004 0.003 0.004 0.004  CYANI Inf 0.003 0.003 0.003 0.003 0.003	JUN Eff 0.004 0.006 0.006 0.005  DE (mg/l JUN Eff 0.003 0.003 0.003 0.003 DE (mg/l	Inf 0.005 0.002 0.003 0.039 0.012 2) 2001 Inf 0.003 0.003 0.003	Eff 0.006 0.003 0.003 0.004  JUL Eff 0.003 0.003 0.003 0.003	0.004 0.003 0.004 0.002 0.003 Inf 0.003 0.005 <0.002 <0.002	Eff 0.004 0.003 0.003 0.003 0.003  AUG Eff 0.002 0.005 <0.002 <0.002 0.003	0.004 0.005 0.003 0.004 Inf 0.003 0.003 <0.002 <0.002	Eff 0.003 0.003 0.003 0.003  SEP Eff <0.002 0.002 0.002 0.002	0.013 0.005 0.004 0.003 0.006 Inf 0.002 <0.002 0.003 <0.003	Eff 0.014 0.004 0.003 0.006  OCT Eff < 0.002 0.003 <0.002 0.003	0.004 0.004 0.004 0.003 0.004 Inf 0.003 0.003 0.003 0.003	Eff 0.003 0.004 0.003 0.003 0.003  NOV Eff 0.003 0.003 0.003 0.003 0.003	0.002 0.003 0.007 0.003 0.004 Inf 0.004 0.004 <0.002 <0.002	Eff 0.003 0.003 0.006 0.003 0.005  DEC Eff 0.003 0.003 <0.002 <0.002 0.002
1 2 3 4 Average  Week 1 2 3 4 Average	0.006 0.004 0.003 0.004 0.004 0.005 0.005 0.004 0.003 0.003	Eff  0.005 0.004 0.003 0.004  JAN Eff 0.005 0.004  JAN Eff 0.003 0.004  JAN Eff	0.004 0.007 0.003 0.004 0.005 Inf 0.006 0.004 0.005	Eff 0.003 0.006 0.013 0.006 0.006  FEB Eff 0.006 0.003 0.006  FEB Eff FEB Eff	0.005 0.004 0.005 0.005 0.005 0.005 Inf 0.006 0.003 0.004 0.004	Eff 0.005 0.003 0.004 0.005 0.004  MAR Eff 0.005 0.004 0.004 0.004 0.004 MAR	0.005 0.004 0.004 0.004 0.003 0.004 0.002 0.002 0.003	Eff 0.004 0.003 0.003  APR Eff 0.004 0.003  APR Eff 0.004 0.003 0.003  APR Eff	0.004 0.005 0.003 0.003 0.004 Inf 0.002 0.002 0.007 0.002	Eff  0.004 0.005 0.002 0.004  MAY Eff  0.003 0.003 0.005  MAY Eff  MAY Eff	Inf 0.004 0.004 0.003 0.004 0.004 CYANI Inf 0.003 0.003 0.003 0.003 0.003 CYANI Inf	JUN Eff 0.004 0.006 0.006 0.005 DE (mg/l JUN Eff 0.003 0.003 0.003 0.003 DE (mg/l JUN Eff JUN Eff JUN Eff JUN Eff	Inf 0.005 0.002 0.003 0.039 0.012  .) 2001 Inf 0.003 0.003 0.003 0.003 .) 2002 Inf	Eff 0.006 0.003 0.003 0.004  JUL Eff 0.003 0.003 0.003	0.004 0.003 0.004 0.002 0.003 Inf 0.003 0.005 <0.002 <0.002	Eff  0.004 0.003 0.003 0.003  AUG Eff  0.002 <0.002 <0.002  AUG Eff  AUG Eff	0.004 0.005 0.003 0.004 Inf 0.003 0.003 <0.002 <0.002 0.003	Eff 0.003 0.003 0.003 0.003	0.013 0.005 0.004 0.003 0.006 Inf 0.002 <0.002 0.003 <0.002	Eff 0.014 0.004 0.003 0.006  OCT Eff < 0.002 < 0.003 < 0.003  O.003  OCT Eff  OCT Eff	0.004 0.004 0.003 0.004 0.003 0.003 0.003 0.003 0.003	Eff  0.003  0.004  0.003  0.003  NOV  Eff  0.003  0.003  NOV  Eff  0.003  0.003  NOV  Eff  NOV  Eff	0.002 0.003 0.007 0.003 0.004 Inf 0.004 0.004 <0.002 <0.002 0.002	Eff 0.003 0.006 0.003 0.005  DEC Eff 0.003 0.003 <0.002 <0.002  DEC Eff Eff
1 2 3 4 Average  Week 1 2 3 4 Average  Week 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.006 0.004 0.003 0.004 0.004 0.005 0.004 0.003 0.003	Eff 0.005 0.004 0.003 0.004  JAN Eff 0.005 0.004  JAN Eff 0.005 0.004  JAN Eff 0.003	0.004 0.007 0.003 0.004 0.005 Inf 0.006 0.004 0.005 Inf 0.010 0.007 0.007	Eff 0.003 0.006 0.013 0.006 0.003 0.006  FEB Eff 0.006 0.003 0.006  FEB Eff 0.009 0.006 0.004	0.005 0.004 0.005 0.005 0.005 0.006 0.003 0.004 0.004 0.004	Eff 0.005 0.003 0.004 0.005 0.004  MAR Eff 0.005 0.004 0.004 0.004 0.003 0.004  MAR Eff 0.005 0.004 0.003	0.005 0.004 0.004 0.004 0.003 0.004 0.002 0.002 0.003 0.003 0.003 0.002 0.003	Eff 0.004 0.003 0.003  APR Eff 0.004 0.003 0.003  APR Eff 0.004 0.003 0.003 0.004	0.004 0.005 0.003 0.003 0.004 Inf 0.002 0.002 0.007 0.002 0.003	Eff 0.004 0.005 0.002 0.004  MAY Eff 0.003 0.009 0.003 0.005  MAY Eff 0.005	Inf 0.004 0.004 0.003 0.004 0.004 CYANI Inf 0.003 0.003 0.003 0.004 0.003 CYANI Inf 0.003	JUN Eff 0.004 0.006 0.006 0.005 DE (mg/l JUN Eff 0.003 0.003 0.003 0.003 DE (mg/l JUN Eff 0.003 0.003 0.003 0.003 0.003 DE (mg/l JUN Eff 0.003 0.002 <0.002 <0.002	Inf 0.005 0.002 0.003 0.039 0.012 0.003 0.003 0.003 0.003 0.003 0.003 0.003 0.003 0.003 0.003	Eff 0.006 0.003 0.003 0.004  JUL Eff 0.003 0.003 0.003  JUL Eff 0.003 0.003 0.003	0.004 0.003 0.004 0.002 0.003 Inf 0.003 0.005 <0.002 0.002 0.002 Inf 0.002 0.003 <0.002	Eff 0.004 0.003 0.003 0.003 0.003  AUG Eff 0.002 0.005 <0.002 0.003  AUG Eff 0.002 0.003	0.004 0.005 0.003 0.004 Inf 0.003 0.003 <0.002 <0.002 0.003 0.003 0.003 0.005 0.004	Eff 0.003 0.003 0.003 0.003  SEP Eff <-0.002 0.002 0.002  SEP Eff 0.003 0.003 0.004	0.013 0.005 0.004 0.003 0.006 Inf 0.002 <0.002 0.003 <0.002 0.001 Inf 0.002 0.003	Eff 0.014 0.004 0.003 0.006  OCT Eff < 0.002 0.003 < 0.003  OCT Eff 0.002 0.003 0.003 0.002	0.004 0.004 0.003 0.004 0.003 0.003 0.003 0.003 0.003 0.003	Eff 0.003 0.004 0.003 0.003 0.003  NOV Eff 0.003 0.003 0.003 0.003 0.003 0.003	0.002 0.003 0.007 0.003 0.004 Inf 0.004 0.004 <0.002 <0.002 0.002 Inf 0.003 0.003 0.003 0.002	Eff 0.003 0.006 0.003 0.005  DEC Eff 0.003 0.002 <0.002  DEC Eff 0.003
1 2 3 4 Average  Week 1 2 3 4 Average  Week 1 2 2 3 4 Average	0.006 0.004 0.003 0.004 0.004 0.005 0.004 0.003 0.003 0.004 0.003 0.004	Eff 0.005 0.004 0.003 0.004  JAN Eff 0.005 0.004  JAN Eff 0.003 0.003 0.004  JAN Eff 0.003 0.003	0.004 0.007 0.003 0.004 0.005 Inf 0.006 0.004 0.005 Inf 0.010 0.010 0.007	Eff 0.003 0.006 0.013 0.006 0.005  FEB Eff 0.006 0.005  FEB Eff 0.006 0.005	0.005 0.004 0.005 0.005 0.005 0.006 0.006 0.003 0.004 0.004 0.004	Eff  0.005 0.003 0.004 0.005  0.004  MAR Eff  0.005 0.004  MAR Eff  0.004 0.003 0.004  MAR Eff  0.006	0.005 0.004 0.004 0.004 0.003 0.003 0.002 0.002 0.003 0.003 0.003 0.003	Eff 0.004 0.003 0.003  APR Eff 0.004 0.003 0.003  APR Eff 0.004 0.003 0.004  APR Eff 0.003 0.003	0.004 0.005 0.003 0.003 0.004 Inf 0.002 0.002 0.002 0.002 0.003 Inf 0.005 0.006	Eff  0.004  0.005  0.002  0.004  MAY  Eff  0.003  0.003  0.005  MAY  Eff  0.005  0.005	Inf 0.004 0.004 0.003 0.004 0.004 CYANI Inf 0.003 0.003 0.003 0.004 0.003 CYANI Inf 0.004 0.002	JUN Eff 0.004 0.006 0.006 0.005 DE (mg/l JUN Eff 0.003 0.003 0.003 0.003 DE (mg/l JUN Eff 0.003 0.003 0.003 0.003 0.003 DE (mg/l JUN Eff 0.003 0.003 0.002	Inf 0.005 0.002 0.003 0.039 0.012 0.003 0.003 0.003 0.003 0.003 0.003 0.003 0.003 0.003 0.003	Eff 0.006 0.003 0.003 0.004  JUL Eff 0.003 0.003  JUL Eff 0.003 0.003	0.004 0.003 0.004 0.002 0.003 Inf 0.003 0.005 <0.002 0.002 Inf 0.002 0.002	Eff  0.004 0.003 0.003 0.003  AUG Eff  0.002 0.002 0.003  AUG Eff  0.002 0.003	0.004 0.005 0.003 0.004 lnf 0.003 0.003 <0.002 <0.002 0.003 Inf 0.003 0.003	Eff 0.003 0.003 0.003 0.003	0.013 0.005 0.004 0.003 0.006 Inf 0.002 <0.002 0.003 <0.002 0.001 Inf 0.002 0.001	Eff 0.014 0.004 0.003 0.006  OCT Eff < 0.002 0.003 < 0.003  OCT Eff  0.003  OCT Eff  0.003	0.004 0.004 0.003 0.004 0.003 0.003 0.003 0.003 0.003 0.003 0.003 0.003	Eff 0.003 0.004 0.003 0.003 0.003  NOV Eff 0.003 0.003  NOV Eff 0.003 0.003 0.003 0.003 0.003	0.002 0.003 0.007 0.003 0.004 0.004 0.004 <0.002 <0.002 0.002 Inf 0.003 0.003	Eff  0.003 0.006 0.003  0.005  DEC Eff  0.003 <0.002 <0.002  DEC Eff  0.003 0.002

EFFLUENT RADIATION (pCi/L) 1997

											LOLIVI IV	1017 11101	(pon L)	. , , ,										
		JAN		FEB		MAR		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	•		•								-		•						•				•	
2	2.2	23.8	0.9	25.4	1.3	28.9	1.2	28.2	0.2	31.2	0.9	23.9	2.6	32.1	0.7	33.9	2.9	33.2	6.7	25.3	2.2	27.9	2.9	30.0
3																								ļ
4																								Ų
Average	2.2	23.8	0.9	25.4	1.3	28.9	1.2	28.2	0.2	31.2	0.9	23.9	2.6	32.1	0.7	33.9	2.9	33.2	6.7	25.3	2.2	27.9	2.9	30.0
											LUENT RA													
		JAN		FEB		MAR		APR		MAY		JUN	4 ,	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																								
2	2.3	33.1	1.4	23.4	1.5	21.5	2.8	19.2	3.3	48.0	4.8	28.6	2.8	32.5	3.8	21.0	0.3	33.7	1.5	16.7	1.4	26.0	1.4	27.0
3	2.0		•••	20		20	2.0	. ,	0.0			20.0	2.0	02.0	0.0	20	0.0	00.7				20.0	•••	27.0
4																								Ų
	2.3	33.1	1.4	23.4	1.5	21.5	2.8	19.2	3.3	48.0	4.8	28.6	2.8	32.5	3.8	21.0	0.3	33.7	1.5	16.7	1.4	26.0	1.4	27.0
Average	2.3	JJ. I	1.4	23.4	1.5	21.3	2.0	17.2	3.3		LUENT RA				3.0	21.0	0.3	33.7	1.5	10.7	1.4	20.0	1.4	27.0
		JAN		FEB		MAR		APR		MAY	LOLINI IV	JUN	(pci/L)	JUL		AUG		SEP		OCT		NOV		DEC
Week	alpha	beta	alpha	beta	alpha	beta	alnha		alnha	beta	alnha	beta	alpha		alnha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta
	атрпа	Deta	1.4	26.1	2.8	18.7	alpha 4.2	28.9	alpha	Deta	1.7	29.2	0.7	21.7	alpha 0.7	21.7	атрпа	Deta	2.0	43.4	атрпа	Deta	4.3	
1 2	1.5	20 1	1.4	20.1	2.8	18.7	4.2	28.9	-0.2	/1 E	1.7	29.2	0.7	21.7	0.7	21.7	0.3	36.7	2.0	43.4	1.0	34.0	4.3	31.8
	1.5	30.1							-0.2	41.5							0.3	30.7			1.0	34.0		Ų
3 4																								ļ
	1.5	20.1	1.4	2/ 1	2.0	10.7	4.0	20.0	0.0	41 5	1 7	20.2	0.7	21.7	0.7	24.7	0.0	27.7	2.0	40.4	1.0	24.0	4.2	21.0
Average	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	2.0	43.4	1.0	34.0	4.3	31.8
		JAN		FFD		MAD		ADD			LUENT RA		(pci/L)			ALIC		CED		ОСТ		NOV		DEC
Moole	مطماه		مطماه	FEB	مطماه	MAR	مطماه	APR	مطماه	MAY	مطماه	JUN	مطماه	JUL	مطماه	AUG	مطماه	SEP	مطماه	OCT	مطماه	NOV	مطماه	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	1.0	25.0	2.5	32.9	2.0	20.4	2.8	36.4	1.8	28.1	3.3	33.7	2.5	24.7	1.3	36.2			0.7	25.2	1.7	29.2
2			1.9	35.8			2.0	30.4							2.5	34.6			4.0	04.0				Ų
3																			1.8	31.9				Ų
4																								
Average	3.1	29.6	1.9	35.8	2.5	32.9	2.0	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
											LUENT RA		l (pCi/L)											
		JAN		FEB		MAR		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	28.0	2.1	37.0	2.6	30.7	1.6	26.3			0.8	31.2			0.6	31.1	1.0	37.4			1.4	29.9	2.9	29.2
2									1.7	37.2			0.9	33.4					1.8	35.3				ļ
3																								Ų
4																								
Average	0.3	28.0	2.1	37.0	2.6	30.7	1.6	26.3	1.7	37.2	0.8	31.2	0.9	33.4	0.6	31.1	1.0	37.4	1.8	35.3	1.4	29.9	2.9	29.2
										EFF	LUENT RA	ADIATION	l (pCi/L)	2002										
		JAN		FEB		MAR		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	2.7	28.5	1.5	37.1	1.6	33.4	1.9	32.5	1.9	13.3	1.2	35.7	0.7	21.5			0.1	27.9	1.5	14.9	1.3	25.5	0.8	14.9
2															1.8	12.2								ļ
3																								
4																								Ų
Average	2.7	28.5	1.5	37.1	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

										ALD	RIN AND	DIELDRIN	I (ng/L)	1997										
		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	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	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	<u>nd</u>	nd	nd
Average	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
											RIN AND	DIELDRIN	l (ng/L)											
		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	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 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 nd	nd nd	nd nd
4	nd	nd	Hu	nd	nd	nd	nd	nd nd	nd	nd	Hu	Hu	Hu	Hu	nd	nd	nd	nd	nd nd	nd	nd	nd	nd	nd nd
Average	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Average	Hu	Hu	nu	nu	Hu	TIG	na	Hu	IIG						Hu	Tiu	Hu	Hu	nu	Tiu	Hu	IIG	Hu	Hu
		1001		FED		MAD		A DD			RIN AND	DIELDRIN	I (ng/L)			ALIC		CED		ООТ		NOV		DEC
Mook	Inf	JAN	Inf	FEB	Inf	MAR	Inf	APR	Inf	MAY	Inf	JUN	Inf	JUL	Inf	AUG	Inf	SEP	Inf	OCT	Inf	NOV	Inf	DEC
Week 1	Inf nd	Eff	Inf nd	Eff	Inf nd	Eff nd	Inf nd	Eff	Inf nd	Eff	Inf nd	Eff	Inf nd	Eff nd	Inf	Eff nd	Inf nd	Eff nd	Inf nd	Eff nd	Inf nd	Eff	Inf nd	Eff 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	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	i i u	IIG	nd	nd	nd	nd	nd	nd	na	na	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	i i d	IIG	nd	nd
Average	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
										AL D	חוא אום	חובו סטוא	l /m ~ /l \	2000										
										ALU	KIN AND	DIELDRIN	I (NG/L)	2000										
		IAN		FFR		MAR		ΔDD						11.11		ALIG		SED		OCT		NOV		DEC
Week	Inf	JAN Fff	Inf	FEB Fff	Inf	MAR Fff	Inf	APR Fff	Inf	MAY	Inf	JUN	Inf	JUL Fff	Inf	AUG Fff	Inf	SEP Fff	Inf	OCT Fff	Inf	NOV Fff	Inf	DEC Fff
Week	Inf nd	Eff	Inf nd	Eff	Inf nd	Eff	Inf nd	Eff	Inf nd	MAY Eff	Inf nd	JUN Eff	Inf nd	Eff	Inf nd	Eff	Inf nd	Eff	Inf nd	Eff	Inf nd	Eff	Inf nd	Eff
Week 1 2	Inf nd nd		Inf nd nd		Inf nd nd		Inf nd nd		Inf nd nd	MAY Eff nd	Inf nd nd	JUN	Inf nd nd		Inf nd nd		Inf nd nd		Inf nd nd		Inf nd nd		Inf nd nd	
1	nd	Eff nd	nd	Eff nd	nd	Eff nd	nd	Eff nd	nd	MAY Eff	nd	JUN Eff nd	nd	Eff nd	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	nd nd	Eff nd nd	nd nd	Eff nd nd	nd nd	MAY Eff nd nd	nd nd	JUN Eff nd nd	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	nd nd	eff nd nd
1 2 3	nd nd nd	Eff nd nd nd	nd nd nd	Eff nd nd nd	nd nd nd	nd nd nd	nd nd	Eff nd nd	nd nd nd	MAY Eff nd nd nd	nd nd nd	JUN 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	nd nd nd	eff nd nd nd	nd nd nd	Eff nd nd nd
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1 2 3 4 Average  Week 1 2	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 MAR eff nd	nd nd nd nd	nd nd nd APR Eff nd nd	nd nd nd nd nd	eff nd nd nd nd nd MAY Eff nd nd	Inf nd nd nd nd nd nd nd nd	JUN Eff  nd nd nd nd IN (ng/L) JUN Eff  nd nd	Inf nd nd nd nd nd  nd nd nd  nd nd  nd	eff nd nd nd nd JUL eff nd	nd nd nd nd	eff nd nd nd nd nd AUG Eff nd nd	nd nd nd Inf NA nd	eff nd nd nd  nd  SEP Eff nd nd	nd nd nd nd	eff nd nd nd nd nd	nd nd nd nd nd	nd nd nd nd NOV Eff nd nd	nd nd nd nd	Eff  nd nd nd nd nd  DEC Eff  nd nd
1 2 3 4 Average	nd nd nd nd nd	Eff  nd nd nd nd  nd  JAN  Eff  nd  NA  nd	nd nd nd nd	eff nd nd nd nd nd	nd nd nd nd nd nd nd nd	Eff  nd nd nd nd nd  MAR  Eff  nd nd  nd	nd	eff nd nd nd nd APR eff nd nd nd	nd nd nd nd nd nd nd nd	eff nd nd nd nd nd MAY eff nd nd	Inf nd nd nd nd nd nd nd nd nd	JUN Eff  nd nd nd nd IN (ng/L) JUN Eff  nd nd	Inf nd nd nd nd nd  nd nd nd  nd nd  nd	eff nd nd nd nd JUL eff nd	nd nd nd nd nd nd nd nd	eff nd nd nd nd nd AUG eff nd nd	nd nd nd nd	eff nd nd nd nd	nd nd nd nd nd nd nd	eff nd nd nd nd nd	nd nd nd nd nd nd nd nd	eff nd nd nd nd nd NOV eff nd nd	nd nd nd nd nd nd nd	Eff  nd  nd  nd  nd  nd  nd  nd  nd
1 2 3 4 Average Week 1 2 3 4	nd nd nd nd nd nd nd nd nd	Eff  nd nd nd nd nd  nd  nd  nd  nd  nd	nd nd nd nd nd	Eff  nd nd nd nd nd nd nd nd	nd nd nd nd nd	eff nd nd nd nd nd MAR Eff nd nd nd	nd n	eff nd nd nd nd APR eff nd nd nd	nd n	Eff  nd nd nd nd  nd  MAY  Eff  nd  nd  nd  nd  nd  md  md	Inf nd	JUN Eff  nd nd nd nd  IN (ng/L) JUN Eff nd nd nd nd nd nd	Inf nd	Eff  nd nd nd nd nd nd nd	nd n	Eff  nd nd nd nd nd  AUG  Eff  nd nd  nd  Aug  nd  Aug  Aug  Aug  Aug  Aug  Aug  Aug  Au	nd nd nd	eff nd nd nd nd sep eff nd nd nd	nd n	eff nd nd nd nd nd oCT eff nd nd nd	nd n	eff nd	nd	Eff  nd nd nd nd  nd  DEC Eff  nd nd  nd  nd
1 2 3 4 Average Week 1 2 3 4	nd nd nd nd nd nd nd nd nd	Eff  nd nd nd nd  nd  A  JAN  Eff  nd  NA  nd  nd  nd	nd nd nd nd nd	Eff  nd nd nd nd nd  reference for the second secon	nd nd nd nd nd	Eff nd nd nd nd nd nd nd nd nd	nd n	Eff  nd nd nd  nd  APR  Eff  nd nd  nd  nd  nd  nd  nd  nd  nd  n	nd n	Eff nd nd nd nd  MAY Eff nd nd nd nd	Inf nd	JUN Eff  nd nd nd nd  IN (ng/L) JUN Eff nd nd nd nd  IN (ng/L) IN (ng/L)	Inf nd	Eff  nd nd nd nd nd  TUL  Eff  nd nd  nd  nd  nd	nd n	Eff  nd nd nd nd nd  AUG  Eff nd nd nd  nd	nd nd nd	Eff  nd nd nd  nd  SEP Eff  nd nd  nd  nd  nd  nd  nd  nd  nd  n	nd n	eff nd nd nd nd nd OCT Eff nd nd nd	nd n	eff nd nd nd nd nd nd nd nd nd	nd	Eff nd nd nd nd  DEC Eff nd nd nd nd
1 2 3 4 Average Week 1 2 3 4	nd nd nd nd nd nd nd nd nd	Eff  nd nd nd nd nd  nd  nd  nd  nd  nd	nd nd nd nd nd	Eff  nd nd nd nd nd nd nd nd	nd nd nd nd nd	eff nd nd nd nd nd MAR Eff nd nd nd	nd n	Eff  nd nd nd  nd  APR  Eff  nd nd  nd  APR  APR	nd nd nd nd nd nd nd nd	Eff  nd nd nd nd  nd  MAY  Eff  nd  nd  nd  nd  nd  md  md	Inf nd	JUN Eff  nd nd nd nd  IN (ng/L) JUN Eff nd nd nd nd nd nd	Inf nd	Eff  nd nd nd nd nd nd nd	nd nd nd nd nd nd nd nd	Eff  nd nd nd nd nd  AUG  Eff  nd nd  nd  Aug  nd  Aug  Aug  Aug  Aug  Aug  Aug  Aug  Au	nd nd nd	eff nd nd nd nd sep eff nd nd nd	nd n	eff nd nd nd nd nd oCT 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 Eff  nd nd  nd  nd
1 2 3 4 Average  Week 1 2 3 4 Average	nd nd nd nd nd	Eff  nd nd nd nd  nd  JAN  Eff  nd  NA  nd  nd  JAN  And  And  And  And  And  And  And  A	nd	Eff  nd nd nd nd nd nd  reference for the second se	nd nd nd nd nd	Eff nd nd nd nd nd nd  MAR Eff nd nd nd nd  MAR  MAR	nd	Eff  nd nd nd  nd  APR  Eff  nd nd  nd  nd  nd  nd  nd  nd  nd  n	nd n	Eff nd nd nd nd  MAY Eff nd nd nd  MAY  MAY  MAY	Inf nd nd nd nd nd nd nd nd ENDR inf nd nd nd nd nd	JUN Eff  nd nd nd nd  IN (ng/L) JUN Eff nd nd nd  nd  IN (ng/L) JUN UN U	Inf nd nd nd nd nd nd nd nd ) 2001  Inf nd nd nd	Eff  nd nd nd nd nd  nd  d  JUL  Eff  nd nd  nd  JUL  JUL  JUL  JUL  JUL  JUL  JUL  JU	nd n	Eff  nd nd nd nd nd  AUG  Eff nd nd nd  AUG  AUG  AUG  AUG  AUG  AUG  AUG	nd nd nd nd Inf NA nd nd nd	Eff  nd nd nd  nd  SEP Eff nd nd nd  sep sep sep sep sep sep sep sep sep se	nd nd nd nd nd	Eff  nd nd nd nd nd  OCT  Eff nd nd nd  OCT  OCT  OCT  OCT  OCT	nd n	Eff  nd nd nd nd nd  NOV Eff nd nd nd  NOV NOV	nd	Eff  nd  nd  nd  nd  DEC  Eff  nd  nd  nd  DEC  DEC  DEC  DEC  DEC  DEC  DEC
1 2 3 4 Average  Week 1 2 3 4 Average	nd nd nd nd nd	Eff  nd nd nd nd  nd  JAN Eff  nd  Nd  nd  JAN Eff  ff  ff  ff	nd	Eff  nd nd nd nd nd  reference for the second secon	nd nd nd nd nd	Eff  nd nd nd nd nd  MAR  Eff  nd nd  nd  MAR  Eff	nd	Eff  nd nd nd  APR Eff nd nd nd  APR Eff f	nd n	Eff nd nd nd nd  MAY Eff nd nd nd  MAY Eff Eff nd Eff Nd Eff Eff Nd Eff Eff Nd Eff Eff Eff Eff Eff Eff Eff Eff Eff Ef	Inf nd nd nd nd nd nd nd nd eNDR Inf nd nd nd nd nd Inf nd nd nd nd Inf nd nd nd Inf	JUN Eff  nd nd nd nd  IN (ng/L) JUN Eff nd nd nd  IN (ng/L) JUN Eff  IN (ng/L) JUN Eff Eff IN (ng/L)	Inf nd nd nd nd nd  lof nd nd  2001  Inf nd nd nd  nd  nd  nd  nd  nd  nd  nd	Eff  nd nd nd nd  nd  JUL  Eff  nd nd  d  JUL  Eff  ff	nd n	Eff  nd nd nd nd nd  AUG  Eff nd nd nd  AUG  Eff  AUG  Eff  AUG  Eff  AUG  Eff	nd nd nd Inf NA nd nd nd	Eff  nd nd nd  nd  SEP Eff nd nd nd  sep Eff	nd n	eff nd	nd n	Eff  nd nd nd nd nd  NOV Eff nd nd nd  NOV Eff	nd n	Eff  nd nd nd nd  DEC Eff  nd nd nd  DEC Eff  DEC Eff  DEC Eff  DEC Eff
1 2 3 4 Average  Week 1 2 3 4 Average  Week 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	nd n	Eff  nd nd nd nd  nd  JAN  Eff  nd  nd  JAN  Eff  nd  nd  JAN  nd  nd	nd	Eff  nd nd nd nd nd  reference for the second secon	nd n	Eff nd nd nd nd nd  MAR Eff nd nd nd  MAR Eff nd nd nd	nd n	Eff  nd nd nd  nd  APR Eff nd nd nd  APR Eff nd nd nd  APR nd nd nd	nd n	Eff nd nd nd nd  MAY Eff nd nd nd  MAY Eff nd nd nd	Inf nd nd nd nd nd nd nd nd eNDR inf nd	JUN Eff  nd nd nd nd  IN (ng/L) JUN Eff nd nd nd  IN (ng/L) TUN Eff nd	Inf nd nd nd nd nd ) 2001  Inf nd nd nd  rd  Inf nd nd nd  Inf nd nd nd  Inf nd nd  Inf nd nd Inf nd Inf nd Inf nd Inf nd Inf nd Inf	Eff  nd nd nd nd  nd  JUL  Eff  nd  nd  JUL  Eff  nd  nd  nd	nd n	Eff  nd nd nd nd nd  AUG  Eff nd nd nd  AUG  eff nd nd nd  AUG  nd nd nd  AUG  nd nd  nd  nd  AUG  nd  nd  nd  nd  nd  nd  nd  nd  nd  n	nd n	Eff  nd nd nd  nd  SEP Eff nd nd nd  SEP Eff nd nd nd nd	nd n	Eff  nd nd nd nd nd  OCT Eff nd nd nd  OCT Eff nd nd nd	nd n	Eff  nd nd nd nd nd  NOV Eff nd nd nd  NOV Eff nd nd nd	nd n	Eff  nd nd nd nd  DEC Eff nd nd nd  DEC Eff nd nd  DEC Eff nd nd
1 2 3 4 Average  Week 1 2 3 4 Average  Week 1 2 2 3 4 Average	nd n	Eff  nd nd nd nd  A  JAN  Eff  nd nd  JAN  A  A  A  A  A  A  A  A  A  A  A  A	nd	Eff  nd nd nd nd nd  reference for the second secon	nd n	Eff  nd nd nd nd nd  MAR  Eff nd nd nd  MAR  Eff nd nd nd  nd  MAR  nd  nd  MAR  MAR  Eff nd  nd  nd	nd	Eff  nd nd nd  nd  APR Eff nd nd nd  APR eff nd nd nd  APR nd nd nd	nd n	Eff nd nd nd nd  MAY Eff nd nd nd  MAY Eff nd nd nd  MAY nd  MAY nd  MAY nd  MAY Eff nd nd nd	Inf nd nd nd nd nd  ENDR Inf nd	JUN Eff  nd nd nd nd IN (ng/L) JUN Eff nd nd nd IN (ng/L) JUN Eff nd nd nd nd nd nd nd	Inf nd nd nd nd nd ) 2001 Inf nd nd nd  log prescription nd	Eff  nd nd nd nd  nd  JUL  Eff  nd nd  nd  d  JUL  The state of the st	nd n	Eff  nd nd nd nd nd  AUG  Eff nd nd nd  AUG  eff nd nd nd	nd n	Eff  nd nd nd  nd  SEP Eff nd nd nd  SEP Eff nd nd nd  SEP Eff nd nd	nd n	Eff  nd nd nd nd nd  OCT Eff nd nd nd  OCT Eff nd nd nd	nd	Eff  nd nd nd nd nd  NOV Eff nd nd nd  NOV Eff nd nd nd	nd	Eff  nd nd nd nd  DEC Eff nd nd nd  DEC Eff nd nd nd  DEC Eff nd nd nd

									H	ICH-HEXA	CHLORO	CYCLOHE	XANES (	ng/L) 19	97									
		JAN		FEB		MAR		APR		MAY		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	71	67	51	47	59	61	50	30	nd	nd	60	28	65	39	62	36	57	48	50	39	55	33	57	36
2	68	78	72	50	51	50	44	36	nd	nd	76	25	80	40	63	58	64	44	53	35	54	30	47	27
3	85	50	76	63	70	62	47	27	60	24	83	31	73	35	59	32	160	120	69	33	50	43	71	43
4	52	41	97	85	41	59		0.4	47	13	75	33	70	34	65	40	0.4	74	47	31	64	40	41	29
Average	69	59	74	61	55	58	47	31	27	9	74	29	72	37	62	42	94	71	55	35	56	37	54	34
									H	ICH-HEXA	CHLORO		XANES (	0 ,	98									
		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	45	30	37	26	37	29	46	24	24	34	28	32	46	48	66	33	44	26	68	27	43	24	32	27
2	61	37	45	29	39	33	28	21	32	27	53	32	45	34	55	31	42	31	53	35	49	27	32	21
3 4	54 47	39 32	29	25	49 46	27 25	30 42	26 30	39	42 32	37	36	42	37	56 54	30 34	42 45	25 28	57 50	25 25	43 31	29 21	30 34	21
Average	52	35	37	27	43	29	37	25	36	34	39	33	44	40	58	32	43	28	57	28	42	25	32	26 24
Average	32	33	37	27	40	27	37	23	33	34	37	33	77	40	30	32	40	20	37	20	72	23	32	24
									H	ICH-HEXA	CHLORO	CYCLOHE	XANES (	ng/L) 19	99									
		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	32	23	28	16	22	15	70	37	15	11	38	32	41	25	42	26	41	30	68	36	44	27	34	18
2	26	23	26	22	20	15	25	18	15	13	63	36	38	29	50	35	50	33	44	27	47	25	57	60
3 4	29	20	33 39	21	15	14	24	17	31	22	34 43	25 31	38	26 33	43 57	24 26	45 96	29 39	40	30	36	24	39 31	20
4 Average	29	22	32	17 19	22 20	12 14	21 35	18 23	20	15	45	31	39 39	 28	48	28	58	33	48 50	26 30	42	25	40	13 28
Average	27	22	32	17	20	14	33	23		ICH-HEXA						20	30	33	30	30	42	23	40	20
		JAN		FEB		MAR		APR		MAY	OFFICINO	JUN	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	JUL	00	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	27	19	16	14	31	11	44	26	57	27	41	30	36	19	37	23	56	26	24	17	73	29
2	41	25	30	18	25	19	15	11	32	34	42	22	29	17	37	19	34	17	31	20	46	27	62	nd
3	42	22	32	17	33	19	31	13	48	28	41	23	23	19	52	25	25	15	37	24	60	25	60	20
4	24	18	50	20	24	16			46	26	42	25	22	15	46	26			34	24	36	35	53	21
Average	38	21	35	19	25	17	26	12	43	29	46	24	29	20	43	22	32	18	40	24	42	26	62	18
									F	ICH-HEXA	CHLORO	CYCLOHE	XANES (	na/L) 20	01									
		JAN		FEB		MAR		APR		MAY		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	51	22	37	17	26	14	51	13	38	21	NA	28	30	15	38	21	NA	18	35	18	50	15	58	19
2	0	0	32	14	NA	15	55	19	47	14	20	14	24	16	40	14	59	19	42	13	21	15	38	18
3	42	17	36	0	34	12	43	12	47	17	38	18	28	38	44	16	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
Average	31	10	35	10	26	13	50	15	44	18	37	22	27	23	46	19	41	18	43	16	45	16	41	15
									F	ICH-HEXA	CHLORO	CYCLOHE	XANES (	ng/L) 20	02									
		JAN		FEB		MAR		APR		MAY		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	39	18	35	17	26	21	31	13	nd	nd	36	nd	23	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
								10	11	14	24	10	ാറ	nd	EΛ	12	27	20	99	24	10	nd	nd	nd
3	45	17	33	15	40	nd	31	19	14	14	36	18	28		50						10	nd		
3 4 Average	45	17 16	33 38 37	15 16 12	40 45 33	15 13	29 29	19 14 12	7	5	30 35	nd 5	33	nd nd	18 28	16 11	28	12 8	11 46	nd 12	12	4	nd nd	nd nd

									СН	LORDANE	& RELA	TED COM	POUNDS	(ng/L) 1	997									
		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	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	nd nd	nd nd	nd 100	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	50 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	nu	Hu	nd	nd	nd	nd	nd	nd	nd	nd	Hu	Hu	nd	nd	nd	nd	nd	nd
Average	nd	nd	25	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	13	nd	nd	nd	nd	nd	nd	nd	nd	nd
7. vo. ago			20												.0									
				FFD				400	CH	LORDANE	& RELA		POUNDS	` ' '	998	4110		oe D		0.07		NOV		DEO
Wook	Inf	JAN Eff	Inf	FEB Eff	Inf	MAR Eff	Inf	APR Eff	Inf	MAY Eff	Inf	JUN	Inf	JUL Eff	Inf	AUG Eff	Inf	SEP Eff	Inf	OCT Eff	Inf	NOV Eff	Inf	DEC Eff
Week 1	Inf nd	nd	Inf nd	nd	Inf nd	nd	nd	nd	Inf nd	nd	Inf nd	Eff nd	Inf nd	nd	Inf nd	nd	Inf nd	nd	Inf nd	nd	Inf nd	nd	Inf 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
Average	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
,									CL		. 0 DEI V.		DOLINDS	(na/l) 1	000									
		JAN		FEB		MAR		APR	CH	LORDANE MAY	& RELA	JUN	POUNDS	(ng/L) I JUL	999	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	nd	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
Average	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
									CH	LORDANE	& RELA		POUNDS		000									
Wool	la f	JAN	la f	FEB	leef.	MAR	l m f	APR	lm f	MAY	lm f	JUN	la f	JUL	l m f	AUG	l m f	SEP	lm f	OCT	le f	NOV	lm f	DEC
Week 1	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff 77	Inf 210	Eff	Inf	Eff	Inf	Eff	Inf nd	Eff	Inf	Eff	Inf	Eff nd
	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	//	210	nd	nd	nd	nd nd	nd		nd	nd	nd	nd	Hu
1 2	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	na					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	nd nd	nd nd	nd nd	nd nd		nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd
2 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 nd	na nd nd	na nd nd	nd nd	nd	na 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	_
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 19	nd nd 53	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 LORDANE	nd nd nd	nd nd 19	nd nd 53	nd nd nd (ng/L) 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 Average	nd nd nd	nd nd nd JAN	nd nd nd	nd nd nd	nd nd nd	nd nd nd MAR	nd	nd nd APR	nd nd nd CH	nd nd nd LORDANE MAY	nd nd nd	nd nd 19 TED COM JUN	nd nd 53 POUNDS	nd nd nd (ng/L) 2 JUL	nd nd nd	nd nd nd	nd	nd nd SEP	nd nd nd	nd nd nd	nd nd nd	nd nd nd	nd nd nd	nd nd nd
3 4 Average Week	nd nd nd	nd nd nd JAN Eff	nd nd nd	nd nd nd	nd nd nd	nd nd nd MAR Eff	nd nd Inf	nd nd APR Eff	nd nd nd CH	nd nd nd LORDANE MAY Eff	nd nd nd E & RELA	nd nd 19 TED COM JUN Eff	nd nd 53 POUNDS Inf	nd nd nd (ng/L) 2 JUL Eff	nd nd nd	nd nd nd AUG Eff	nd nd Inf	nd nd SEP Eff	nd nd nd	nd nd nd	nd nd nd	nd nd NOV Eff	nd nd nd	nd nd nd DEC Eff
3 4 Average Week	nd nd nd	nd nd nd JAN Eff nd	nd nd	nd nd nd FEB Eff nd	nd nd nd	nd nd nd MAR Eff nd	nd nd Inf	nd nd APR Eff nd	nd nd nd CH Inf	nd nd LORDANE MAY Eff nd	nd nd nd E & RELA Inf NA	nd nd 19 TED COM JUN Eff nd	nd nd 53 POUNDS Inf nd	nd nd nd (ng/L) 2 JUL Eff nd	nd nd nd nd nd nd nd	nd nd nd AUG Eff nd	nd nd Inf NA	nd nd SEP Eff nd	nd nd nd	nd nd nd OCT Eff nd	nd nd nd	nd nd NOV Eff	nd nd nd	nd nd nd DEC Eff nd
3 4 Average Week	nd nd nd	nd nd nd JAN Eff	nd nd nd	nd nd nd	nd nd nd	nd nd nd MAR Eff	nd nd Inf	nd nd APR Eff	nd nd nd CH	nd nd nd LORDANE MAY Eff	nd nd nd E & RELA	nd nd 19 TED COM JUN Eff	nd nd 53 POUNDS Inf	nd nd nd (ng/L) 2 JUL Eff	nd nd nd	nd nd nd AUG Eff	nd nd Inf	nd nd SEP Eff	nd nd nd	nd nd nd	nd nd nd	nd nd NOV Eff	nd nd nd	nd nd nd DEC Eff
3 4 Average Week 1 2	nd nd nd	nd nd JAN Eff nd nd	nd nd nd Inf nd nd	nd nd nd FEB Eff nd nd	nd nd nd	nd nd MAR Eff nd nd	nd nd Inf nd nd	nd nd APR Eff nd nd	nd nd CH Inf nd nd	nd nd LORDANE MAY Eff nd nd	nd nd nd E & RELA Inf NA nd	nd nd 19 TED COM JUN Eff nd nd	nd nd 53  POUNDS  Inf nd nd	nd nd (ng/L) 2 JUL Eff nd nd	nd nd nd 001 Inf nd nd	nd nd nd AUG Eff nd nd	nd nd Inf NA nd	nd nd SEP Eff nd nd	nd nd nd	nd nd nd OCT Eff nd nd	nd nd nd	nd nd NOV Eff nd nd	nd nd nd	nd nd nd DEC Eff nd nd
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Usek  Week  Average  Week  Average  Week  1 2 3 4  Average	nd n	Eff  nd nd nd nd  nd  JAN  Eff nd nd  nd  JAN  Eff nd nd  nd  JAN  The state of the	nd n	Eff  nd nd nd  nd  rEB Eff  nd nd nd  nd  respectively.	nd n	Eff  nd nd nd nd nd  MAR  Eff  nd nd nd  nd  d  nd  nd  nd  nd  nd	nd n	Eff  nd nd nd nd nd  APR Eff nd nd nd nd  APR eff nd	Inf nd	MAY Eff  nd nd nd nd  CBs-POLY( MAY Eff nd nd nd  CBs-POLY( MAY Eff nd nd nd nd nd  CBs-POLY( MAY Eff nd nd nd nd nd nd nd nd nd	Inf nd nd nd nd CHLORIN Inf NA nd nd nd CHLORIN Inf nd	JUN Eff  nd nd nd nd  ATED BIF JUN Eff nd nd nd  ATED BIF JUN Eff nd nd nd nd  ATED BIF JUN ATED BIF nd nd nd nd nd nd  ATED BIF JUN ATED BIF JUN ATED BIF JUN ATED BIF ATED B	Inf nd nd nd nd PHENYLS Inf nd	JUL Eff  nd nd nd  nd  (ng/L) 2 JUL Eff  nd nd nd  nd  nd  nd  nd  nd  nd  nd	Inf nd nd nd nd nd  001  Inf nd nd nd nd  002  Inf nd nd nd	Eff  nd nd nd nd nd  AUG  Eff  nd nd nd  d  AUG  nd nd  nd  nd  nd  nd  nd  nd  nd  nd	nd n	Eff  nd nd nd nd nd  SEP Eff nd nd nd  sep nd	nd n	Eff  nd nd nd nd nd  OCT Eff nd nd nd  oct end nd n	nd n	Eff  nd nd nd nd nd  NOV Eff nd nd nd  NOV Eff nd nd nd  NOV Eff nd nd nd nd	nd n	Eff  nd nd nd nd  nd  DEC  Eff  nd nd nd  nd  nd  nd  nd  nd  nd  nd
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		JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC
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Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff										
1	nd	92	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												
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4	nd	nd	45	50	nd	nd			nd	nd	nd	nd	nd	nd	nd	nd			nd	nd	nd	nd	nd	nd
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1	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							
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4 Average	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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Average	29	nd	nd	nd	12	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd							
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1	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										
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4 Average	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
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Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff										
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2	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd										
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1	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd										
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		JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC
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1	nd	nd	NA	nd	nd	nd	nd	nd	NA	nd	nd	nd	nd	nd	nd	nd								
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1	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										
3	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
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1	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	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									
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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	nd	nd	nd nd	nd nd
Average	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd									
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Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff								
1	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd									
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1	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									
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Week	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf								
1	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									
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		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								
1	21.0	14.5	16.3	16.8	9.4	12.5	14.5	nd	14.2	11.4	17.1	16.1	12.7	10.1	20.9	8.6	14.4	12.8	12.1	15.4	23.1	17.0	16.3	14.4
2	12.3	5.9	19.9	14.4	18.2	16.5	6.1	3.8	13.8	12.4	19.1	16.0	12.1	11.6	22.0	20.9	nd	18.9	16.7	15.9	13.5	13.6	16.2	16.7
3	13.1	10.3	3.0	6.6	8.4	6.7	21.6	15.2	21.6 17.9	15.4	14.5	12.8 9.0	12.0	9.3	12.5	12.3 21.4	18.2	17.8	12.8	11.9	23.6	18.4	12.0	12.4
4	8.8	7.4 9.5	12.0 12.8	13.2 12.8	6.5 10.6	6.1	14.1	6.3	16.9	15.9 13.8	NA 16.9	13.5	14.2 12.8	15.3 11.6	20.2 18.9	15.8	10.9	16.5	12.8 13.6	13.4	16.4 19.2	14.4 15.9	16.2 15.2	15.2 14.7
Average	13.8	9.5	12.0	12.0	10.6	10.5	14.1	0.3	10.9	13.0	10.9	13.5	12.0	11.0	10.9	13.6	10.9	10.5	13.0	14.2	19.2	15.9	15.2	14.7
									NON-C	CHLORINA	ATED PHE	ENOLIC C	OMPOUN	DS (ug/L	.) 1998									
		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								
1	13.3	15.9	9.1	10.9	14.9	14.6	11.7	12.3	15.9	18.0	19.0	13.1	15.0	16.5	11.1	7.6	10.5	9.4	11.0	9.2	12.0	9.2	15.1	12.5
2	15.7	17.4	7.1	5.6	16.9	14.5	15.7	14.9	14.0	15.6	15.0	15.9	14.9	13.1	5.2	3.4	5.8	9.1	13.8	9.4	13.4	10.1	12	11.8
3 4	27.1 25.2	21.3 22.4	11.3	13.3	18.9 14.3	17.8 10.2	14.1 26.9	16.8 25.0	11.9 17.4	13.1 16.5	18.7 16.6	19.9 17.2	14.3	12.8	12.2 13.0	8.8 12.3	16.4 12.6	12.6 11.5	10.1 11.9	8.8 10.1	16.2 11.5	12.8 7.8	15.9 12.3	10.2 8.7
	20.3	19.3	9.2	9.9	16.3	14.3	17.1	17.3	14.8	15.8	17.3	16.5	14.7	14.1	10.4	8.0	11.3	10.7	11.7	9.4	13.3	10.0	13.8	10.8
Average	20.3	19.3	9.2	9.9	10.3	14.3	17.1	17.3		TO. 6 CHLORINA						8.0	11.3	10.7	11.7	9.4	13.3	10.0	13.0	10.6
		JAN		FEB		MAR		APR	NON	MAY	11201111	JUN	OWN OON	JUL	., 1777	AUG		SEP		OCT		NOV		DEC
Week	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	8.0	19.9	10.6	24.3	15.6	21.5	8.1	16.1	11.3	13.8	12.0	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	17.0
3	15.9	11.0	18.9	13.8	13.5	8.3	19.5	12.4	6.5	10.9	18.0	11.1	21.8	13.8	17.0	14.9	16.4	14.3	16.6	8.9	19.4	12.0	16.1	11.7
4			16.7	8.6	24.4	14.2	15.5	12.0			15.8	8.7	18.6	14.5	15.5	12.3	16.1	14.5	15.5	8.5			18.6	11.1
Average	15.5	11.0	18.5	11.9	16.8	10.9	16.9	11.9	11.3	8.9	18.8	10.9	20.4	13.7	19.2	12.5	17.0	13.9	16.0	11.3	17.8	11.7	17.3	12.4
									NON-0	CHLORINA	ATED PHE	ENOLIC C	OMPOUN	DS (ug/L	.) 2000									
		JAN		FEB		MAR		APR		MAY		JUN		JUĽ		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff								
1	13.8	9.0	20.7	12.6	13.1	10.4	13.8	8.2	12.9	11.3	7.7	6.3	24.3	20.3	22.9	16.1	15.2	10.3	15.6	10.9	21.5	14.4	11.0	8.5
2	26.6	16.9	18.5	14.1	11.9	10.0	13.9	7.8	12.9	10.0	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	18.0	18.2	11.2	21.4	15.4	16.2	11.9	18.7	14.4	20.3	14.6
4	19.1	12.0	13.9	9.1	16.8	10.5	110		6.9	7.7	16.9	13.4	21.5	12.7	12.1	9.5	4/7	40.0	15.2	11.1	11.6	8.6	19.6	14
Average	19.6	13.2	17.3	11.4	13.1	10.0	14.3	9.4	12.5	11.1 CHLORINA	14.4	9.5	21.6	17.5	17.4	11.9	16.7	12.0	15.9	11.1	17.3	11.3	16.2	12.2
		JAN		FEB		MAR		APR	NON-C	MAY	ALED PHE	JUN	OWFOON	JUL	.) 2001	AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff								
1	17.3	13.7	22.9	23.0	12.1	7.0	21.6	24.3	17.9	18.4	25.8	15.5	19.1	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	8.0	22.0	12.4	14.7	9.8	17.9	12.0	15.2	5.0	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	10.0	23.1	13.6	19.8	12.5
Average	15.6	12.0	16.6	14.9	15.0	9.1	21.8	16.8	17.2	12.5	18.3	10.7	16.6	8.5	16.2	10.0	16.1	7.7	12.4	8.7	20.0	12.0	16.2	9.6
		JAN		FEB		MAR		APR	NON-C	CHLORINA MAY	A FED PHE	ENOLIC C JUN	OMPOUN	DS (ug/L JUL	.) 2002	AUG		SEP		ОСТ		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff								
1	22.5	15.1	19.3	19.9	20.1	19.5	22.6	17.1	16.6	14.6	17.8	11.2	15.9	7.4	14.4	8.8	14.7	9.3	13.9	9.7	15.7	8.2	17	9.1
2	19	14.1	14.8	13.2	14.9	13.2	15	13.1	12.7	11.9	13.2	7	11.3	9.4	13.4	7.7	12.6	7.8	16.1	8	12.3	7.1	9.9	9.4
3	15.9	15.3	14.2	12.3	14.7	17.1	17.3	15.7	13.9	11.1	13.1	15.7	13.3	9.8	11.8	9	11.4	6.5	13.8	9.8	9.2	7.4	9.4	7.5
J																								
4			19.6	20.2	6.3	0	11.9	12.9			18	10.3	10.3	7.9	8.9	8.2	13.7	8.1	10.3	6.8			18	15.3