APPENDIX U

TDS DISCHARGE COB OUTFALL NO. 001
ANNUAL NPDES REPORT

TDS DISCHARGE
COB Outfall No. 001 (mg/L)

	1996 Avg	1997 Avg	1998 Avg	1999 Avg	2000 Avg	2001 Avg
JAN	661	740	600	601	739	554
FEB	701	608	434	583	565	558
MAR	736	847	543	662	653	601
APR	754	657	493	536	586	530
MAY	755	626	519	574	717	577
JUN	743	785	538	549	722	606
JUL	867	759	568	653	476	641
AUG	781	749	517	675	622	607
SEP	681	604	662	585	741	
OCT	697	659	605	546	676	
NOV	651	520	582	685	558	
DEC	540	547	536	620	552	
AVG	714	675	550	606	634	584

CITY OF BURBANK
275 EAST OLIVE AVENUE, P.O.BOX 6459, BURBANK, CALIFORNIA 91510-6459

UBLIC WORKS
EPARTMENT

March 12, 2001

Mr. Dennis Dickerson
Executive Officer
California Regional Water Quality Control Board
Los Angeles Region
320 West 4th Street, #200
Los Angeles, CA 90013

Attention: Data and Information Management Unit

Subject: **~~2001~~ 2000 Annual NPDES Report – Burbank Water Reclamation Plant and Steam Plant, Permit No. 0055531 - Order No. 98-052 (File No. 83-25) (Compliance File No. Cl-4424) (Ana Veronica Cuevas-Alpuche)**

Dear Mr. Dickerson:

Submitted herewith is the 2001 Annual NPDES Report pursuant to monitoring and reporting requirements contained in the CRWQCB Order No/ 98-052.

If you have any questions or need clarification, please call Gaspar Garza, Plant Manager, at (818) 972-1118 or Rodney Andersen of my staff at (818) 238-3931.

"I certify under the Penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted.

Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility, of a fine and imprisonment for knowing violations."

Executed on the 13th day of March, 2001.

Very truly yours,

Bruce S. Feng
Public Works Director
City of Burbank

Gaspar Garza
Plant Manager
United Water Services,Inc.

cc: Mr. Carey Houk (W-4-1)
U.S. EPA Region 9
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San Francisco, CA 94105

California State Health Dept.
Sanitary Engineering Branch
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Los Angeles, CA 90026

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City of Burbank

BurbankWater Reclamation Plant

Annual NPDES Monitoring

Report Permit CA0055531,

Order No. 98-052

2000

Prepared By:

UnitedWater

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Section 1

Parameter		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average
	002													
1,1,1-Trichloroethane	Max.,ug/L		ND(0.5)			ND(0.5)			ND(0.5)			ND(0.5)		ND(0.5)
1,1,2,2-Tetrachloroethane	Max.,ug/L		3.5			ND(0.5)			ND(0.5)			ND(0.5)		<1..3
1,1,2-Trichloroethane	Max.,ug/L		ND(0.5)			ND(0.5)			ND(0.5)			ND(0.5)		ND(0.5)
1,1-Dichloroethane	Max.,ug/L		ND(0.5)			ND(0.5)			ND(0.5)			ND(0.5)		ND(0.5)
1,1-Dichloroethylene	Max.,ug/L		ND(0.5)			ND(0.5)			ND(0.5)			ND(0.5)		ND(0.5)
1,2,4-Trichlorobenzene	Max.,ug/L		ND(5)			ND(2)			ND(3)			ND(5)		<4
1,2-Dichlorobenzene	Max.,ug/L		ND(5)			ND(0.5)			ND(3)			ND(0.5)		<3
1,2-Dichloroethane	Max.,ug/L		ND(0.5)			ND(0.5)			ND(0.5)			ND(0.5)		ND(0.5)
1,2-Dichloropropane	Max.,ug/L		ND(0.5)			ND(0.5)			ND(0.5)			ND(0.5)		ND(0.5)
1,2-Diphenylhydrazine	Max.,ug/L		ND(10)			ND(2)			ND(3)			ND(10)		<7
1,2-Trans-Dichloroethylene	Max.,ug/L		ND(0.5)			ND(0.5)			ND(0.5)			ND(0.5)		ND(0.5)
1,3-Dichlorobenzene	Max.,ug/L		ND(5)			ND(0.5)			ND(3)			0.53		<3
1,3-Dichloropropylene (cis)	Max.,ug/L		ND(0.5)			ND(0.5)			ND(0.5)			ND(0.5)		ND(0.5)
1,4-Dichlorobenzene	Max.,ug/L		ND(5)			ND(0.5)			ND(3)			0.51		<3
2,4,5-TP (silvex)	Max.,ug/L		ND(0.05)			ND(0.07)			ND(0.07)			ND(0.07)		<0.07
2,4,6-Trichlorophenol	Max.,ug/L		ND(5)			ND(5)			ND(6)			ND(5)		<6
2,4-D	Max.,ug/L		ND(0.5)			ND(0.1)			ND(0.4)			ND(0.4)		<0.4
2,4-Dichlorophenol	Max.,ug/L		ND(5)			ND(2)			ND(3)			ND(5)		<4
2,4-Dimethylphenol	Max.,ug/L		ND(5)			ND(2)			ND(3)			ND(5)		<4
2,4-Dinitrophenol	Max.,ug/L		ND(50)			ND(10)			ND(20)			ND(50)		<33
2,4-Dinitrotoluene	Max.,ug/L		ND(5)			ND(2)			ND(3)			ND(5)		<4
2,6-Dinitrotoluene	Max.,ug/L		ND(5)			ND(2)			ND(3)			ND(5)		<4
2-Chloroethylvinyl Ether	Max.,ug/L		ND(1)			ND(10)			ND(1)			ND(10)		<6
2-Chloronaphthalene	Max.,ug/L		ND(5)			ND(2)			ND(3)			ND(5)		<4
2-Chlorophenol	Max.,ug/L		ND(5)			ND(2)			ND(3)			ND(5)		<4
2-Nitrophenol	Max.,ug/L		ND(5)			ND(2)			ND(3)			ND(5)		<4
3,3-Dichlorobenzidine	Max.,ug/L		ND(50)			ND(5)			ND(6)			ND(50)		<28

Parameter		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average
	002													
3-Methyl-4-Chlorophenol (P-Chloro-M-	Max.,ug/L		ND(5)			ND(5)			ND(6)			ND(5)		<6
4,4"-DDT	Max.,ug/L		ND(0.02)			ND(0.005)			ND(3)			ND(0.005)		<1
4,4'-DDD	Max.,ug/L		ND(0.02)			ND(0.005)			ND(3)			ND(0.005)		<1
4,4'-DDE	Max.,ug/L		ND(0.02)			ND(0.005)			ND(4)			0.014		<1
4,6-Dinitro-O-Cresol (4,6-Dinitro-2-Met	Max.,ug/L		ND(50)			ND(10)			ND(20)			ND(50)		<33
4-BromoPhenyl Phenyl Ether	Max.,ug/L		ND(5)			ND(2)			ND(3)			ND(5)		<4
4-ChloroPhenyl Phenyl Ether	Max.,ug/L		ND(5)			ND(2)			ND(3)			ND(5)		<4
4-Methylphenol (p-cresol)	Max.,ug/L		ND(5)			ND(2)			ND(3)			ND(5)		<4
4-Nitrophenol	Max.,ug/L		ND(10)			ND(5)			ND(6)			ND(10)		<8
Acenaphthene	Max.,ug/L		ND(5)			ND(2)			ND(3)			ND(5)		<4
Acenaphthylene	Max.,ug/L		ND(5)			ND(2)			ND(2)			ND(5)		<4
Acrolein	Max.,ug/L		ND(10)						ND(10)					<10
Acrylonitrile	Max.,ug/L		ND(10)						ND(10)					<10
Acute Toxicity, Survival[TUc or %]	Min., %	60%	100%	0%	0%	0%		0%	0%	0%				20%
Aldrin	Max.,ug/L		ND(0.02)			ND(0.005)			ND(0.005)			0.033		<0.02
Alpha-BHC	Max.,ug/L		ND(0.02)			ND(0.005)			ND(0.005)			ND(0.005)		<0.01
Alpha-Endosulfan	Max.,ug/L		ND(0.02)			ND(0.005)			ND(0.005)			ND(0.005)		<0.01
Aluminum	Max.,ug/L		170			100			80			40		98
Ammonia Nitrogen, as N	Mo.,mg/L	21	17	12	15	21	25	24	18	2	20	24	5	17
Anthracene	Max.,ug/L		ND(5)			ND(2)			ND(2)			ND(5)		<4
Antimony	Max.,ug/L		ND(1)						ND(4)					<3
Arsenic	Max.,ug/L		ND(5)			ND(2)			ND(2)			ND(2)		<3
Boron	Mo.,mg/L	0.6	0.4	0.50	1.0	0.5	0.5	0.6	0.6	0.5	0.5	0.5	0.5	0.6
Barium	Max.,ug/L		53			50			ND(150)			ND(100)		<100
Benzene	Max.,ug/L		ND(0.5)			ND(0.5)			ND(0.5)			ND(0.5)		ND(0.5)
Benzidine	Max.,ug/L		ND(50)			ND(20)			ND(30)			ND(50)		<40
Benzo(A)Anthracene	Max.,ug/L		ND(5)			ND(2)			ND(3)			ND(5)		<4

Parameter		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average
	002													
Benzo(B)Fluoranthene	Max.,ug/L		ND(5)			ND(2)			ND(3)			ND(5)		<4
Benzo(GHI)Perylene (1,12-Benzoperyl	Max.,ug/L		ND(10)			ND(2)			ND(3)			ND(10)		<7
Benzo[a]pyrene	Max.,ug/L		ND(5)			ND(2)			ND(3)			ND(5)		<4
Benzo[k]fluoranthene	Max.,ug/L		ND(5)			ND(2)			ND(3)			ND(5)		<4
Beryllium	Max.,ug/L		ND(1)						ND(0.2)					<1
Beta-BHC	Max.,ug/L		ND(0.5)			ND(0.005)			ND(0.005)			ND(0.005)		<0.2
Beta-Endosulfan	Max.,ug/L		ND(0.02)			ND(0.005)			ND(0.005)			ND(0.005)		<0.01
bis (2-Ethylhexyl) phthalate	Max.,ug/L		ND(4)			62			57			ND(4)		<32
bis(2-Chloro-1-methylethyl) ether	Max.,ug/L		ND(10)			ND(2)			ND(3)			ND(10)		<7
bis(2-Chloroethoxy)Methane	Max.,ug/L		ND(10)			ND(2)			ND(3)			ND(10)		<7
bis(2-Chloroethyl)Ether	Max.,ug/L		ND(10)			ND(2)			ND(3)			ND(10)		<7
BOD	Mo.lbs/D, Avg	90	127	48	74	203	173	133	235	96	88	96	114	123
BOD	Mo.lbs/D,Max	136	183	76	161	263	258	208	551	152	133	165	237	210
BOD	Mo.Avg.,mg/L	9	9	10	9	8	8	9	8	3	3	4	5	7
Bromodichloromethane	Max.,ug/L		5			3			5			3		4
Bromoform	Max.,ug/L		ND(1)			ND(0.5)			1.2			7.6		<3
Butyl Benzyl Phthalate	Max.,ug/L		ND(5)			ND(2)			ND(3)			ND(5)		<4
Cadmium	Max.,ug/L		ND(5)			ND(10)			ND(10)			ND(10)		<9
Carbon Tetrachloride	Max.,ug/L		ND(0.5)			ND(0.5)			ND(0.5)			ND(0.5)		ND(0.5)
Chlordane	Max.,ug/L		ND(0.2)			ND(0.2)			ND(0.2)			ND(0.2)		ND(0.2)
Chloride	Mo.lbs/D,Max	1570	2163	1013	1599	2364	2579	1875	3448	3651	4028	116	4120	2377
Chloride	Mo.Avg.,mg/L	99	106	128	112	113	113	122	114	115	118	105	108	113
Chlorine residual, total	Max.,mg/L	9	12	9	8	7	11	10	9	8	15	7	10	9
Chlorobenzene (Monochlorobenzene)	Max.,ug/L		ND(0.5)			ND(0.5)			ND(0.5)			ND(0.5)		ND(0.5)
Chloroethane	Max.,ug/L		ND(0.5)			ND(1)			ND(0.5)			ND(1)		<1
Chloroform	Max.,ug/L		3.6			6.8			6.7			4.4		5.4
Chromium	Max.,ug/L		13			ND(10)			ND(10)			ND(10)		<11

Burbank Wastewater Treament Facility
Annual Summary 2000

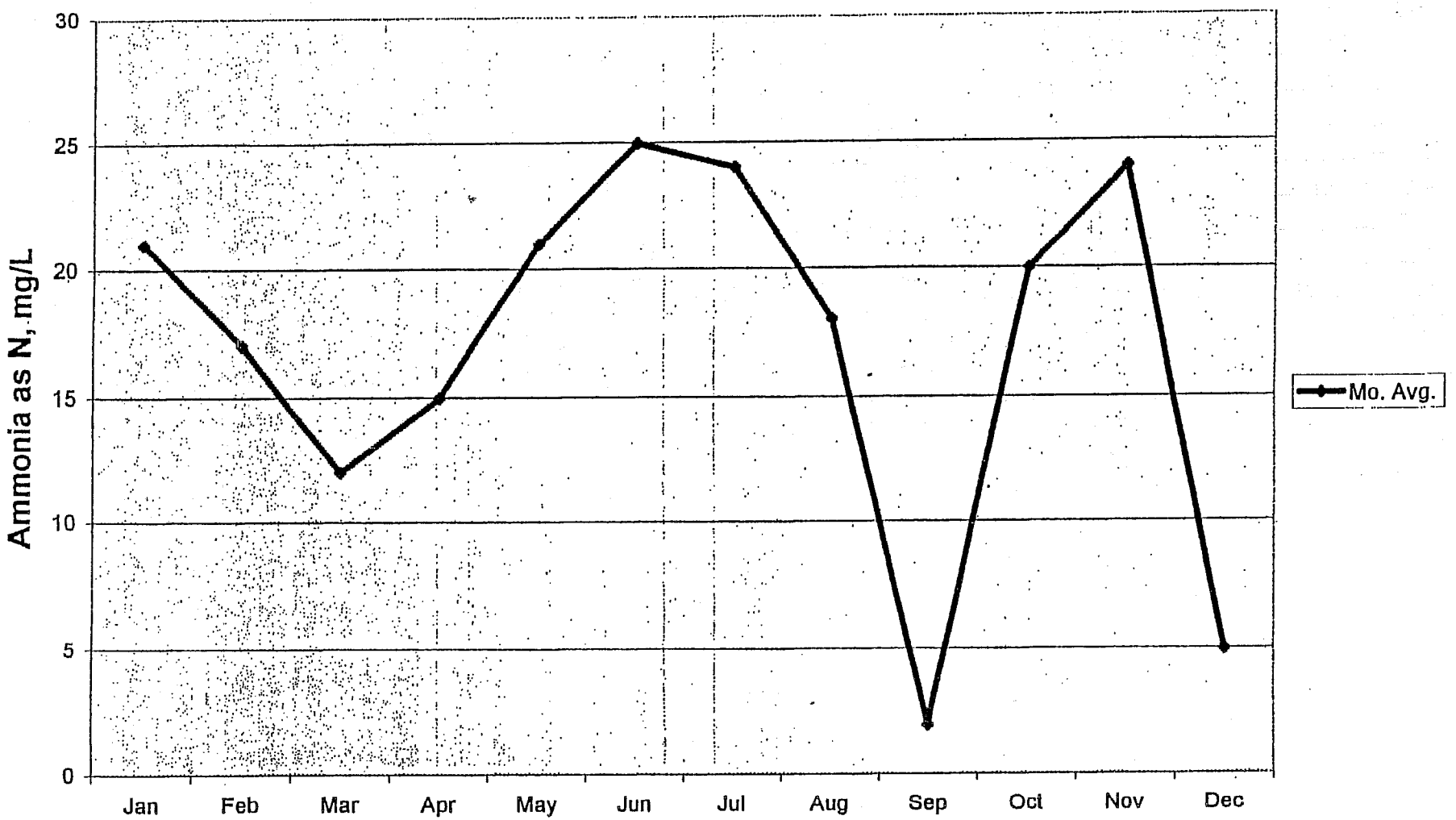
Parameter		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average
	002													
Chronic Toxicity, Survival	Min., TUc	1.79	1.79	1.79	1.79	1.79	1.79	1.79	1.00	5.60	3.13	1.00	1.00	>1
Chrysene	Max.,ug/L		ND(5)			ND(2)			ND(3)			ND(5)		<4
Cobalt	Max.,ug/L		ND(2)						ND(50)					<30
Coliform, MPN/100mL	Mo. Median	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Coliform, MPN/100mL	Mo. Max.	2	2	13	<2	2	<2	2	<2	<2	2	4	11	<4
Copper	Max.,ug/L		21			ND(10)			10			10		<13
Cyanide	Max., mg/L		ND(0.005)			ND(0.02)			ND(0.02)			ND(0.02)		<0.02
Delta-BHC	Max.,ug/L		ND(0.02)			ND(0.005)			ND(0.005)			ND(0.005)		<0.01
Demeton	Max.,ug/L		ND(1)						ND(0.2)					<0.6
Dibenzo(A,H)Anthracene (1,2,5,6-Dibe	Max.,ug/L		ND(10)			ND(3)			ND(4)			ND(10)		<7
Dibromochloromethane	Max.,ug/L		4.3			1.7			2.2			3.3		2.9
Dichloromethane(MeCl2)	Max.,ug/L		ND(3)			ND(3)			5.2			10		<6
Dieldrin	Max.,ug/L		ND(0.02)			ND(0.005)			ND(0.005)			ND(0.005)		<0.01
Diethyl Phthalate	Max.,ug/L		ND(5)			ND(2)			ND(3)			ND(5)		<4
Dimethyl Phthalate	Max.,ug/L		ND(5)			ND(2)			ND(3)			ND(5)		<4
Di-N-Butyl Phthalate	Max.,ug/L		ND(10)			ND(2)			ND(3)			ND(10)		<7
Di-N-Octyl Phthalate(DEHP;Merck129	Max.,ug/L		ND(10)			ND(2)			ND(3)			ND(10)		<7
Endosulfan Sulfate	Max.,ug/L		ND(0.02)			ND(0.005)			ND(0.005)			ND(0.005)		<0.01
Endrin Aldehyde	Max.,ug/L		ND(0.02)			ND(0.01)			ND(0.01)			ND(0.01)		<0.02
Endrin	Max.,ug/L		ND(0.01)			ND(0.005)			ND(0.005)			ND(0.005)		<0.01
Ethylbenzene	Max.,ug/L		ND(0.5)			ND(0.5)			ND(0.5)			ND(0.5)		ND(0.5)
Flouride	Max., mg/L	0.5	0.5	0.4	0.4	0.4	0.4	0.3	0.5	0.3	0.4	0.5	0.3	0.4
Flow, MGD	Mo. Avg.	1.70	1.58	0.47	1.17	2.13	2.10	1.79	3.32	3.52	3.15	2.76	2.78	2.21
Flow, MGD	Mo. Max.	2.20	2.44	0.80	2.06	3.09	2.64	2.15	5.08	3.95	3.61	3.66	4.73	3.03
Flow, MGD	Mo.Min.	1.14	0.41	0.05	0.05	1.19	1.40	1.48	1.60	2.28	2.25	1.94	0.94	1.23
Fluoranthene	Max.,ug/L		ND(5)			ND(2)			ND(3)			ND(5)		<4
Fluorene	Max.,ug/L		ND(5)			ND(2)			ND(3)			ND(5)		<4

Parameter		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average
	002													
Gamma-BHC (Lindane)	Max.,ug/L		ND(0.02)			ND(0.005)			ND(0.005)			ND(0.005)		<0.01
Guthion(Azinphos methyl)	Max.,ug/L		ND(5)						ND(0.2)					<2
Hardness, total	Max.,mg/L	281	225	269	242	246	239	170	225	200	200	246	180	227
Heptachlor	Max.,ug/L		ND(0.01)			ND(0.005)			ND(0.005)			ND(0.005)		<0.01
Heptachlor Epoxide	Max.,ug/L		ND(0.01)			ND(0.005)			ND(0.005)			ND(0.005)		<0.01
Hexachlorobenzene	Max.,ug/L		ND(5)			ND(2)			ND(3)			ND(5)		<4
Hexachlorobutadiene	Max.,ug/L		ND(10)			ND(2)			ND(3)			ND(10)		<7
Hexachlorocyclopentadiene	Max.,ug/L		ND(10)			ND(2)			ND(3)			ND(10)		<7
Hexachloroethane	Max.,ug/L		ND(5)			ND(2)			ND(3)			ND(5)		<4
Indeno[1,2,3-cd]pyrene	Max.,ug/L		ND(10)			ND(2)			ND(3)			ND(10)		<7
Iron	Max.,ug/L	128	124	110	154	84	154	168	196	126	111	156	141	138
Isophorone	Max.,ug/L		ND(5)			ND(2)			ND(3)			ND(5)		<4
Lead	Max.,ug/L		ND(100)			ND(5)			ND(50)			ND(5)		<40
Malathion	Max.,ug/L		ND(0.5)						ND(0.2)					<0.4
Manganese	Max.,ug/L	40	6	45	22	38	54	11	15	12	24	12	12	24
Mercury	Max.,ug/L		ND(0.2)			ND(0.2)			ND(0.2)			ND(0.2)		ND(0.2)
Methoxychlor	Max.,ug/L		ND(0.2)			ND(0.005)			ND(0.005)			ND(0.005)		<0.2
Methyl Bromide	Max.,ug/L		ND(1)			ND(1)			ND(1)			ND(0.5)		<1
Methyl Chloride (Chloromethane)	Max.,ug/L		ND(1)			ND(1)			ND(1)			ND(1)		ND(1)
Methylene Blue(MBAS)	Max., mg/L	0.2	0.3	0.2	0.2	0.1	0.2	0.1	0.2	0.2	0.2	0.3	0.4	0.2
Mirex	Max.,ug/L		ND(0.05)						ND(0.01)					<0.03
MTBE (Methyl tert-Butyl Ether)	Max.,ug/L			0.39					0.56					0.48
Naphthalene	Max.,ug/L		ND(5)			ND(0.5)			ND(3)			ND(0.5)		<3
Nickel	Max.,ug/L		ND(20)			ND(10)			7			10		<12
Nitrate + Nitrite Nitrogen	Max., mg/L	5	6	13	5	1	1	0	1	0	1	1	0	3
Nitrite Nitrogen	Max., mg/L	2	2	2	2	ND(1)	1	0	ND(1)	0	0	0	0	<1
Nitrobenzene	Max.,ug/L		ND(5)			ND(2)			ND(3)			ND(5)		<4

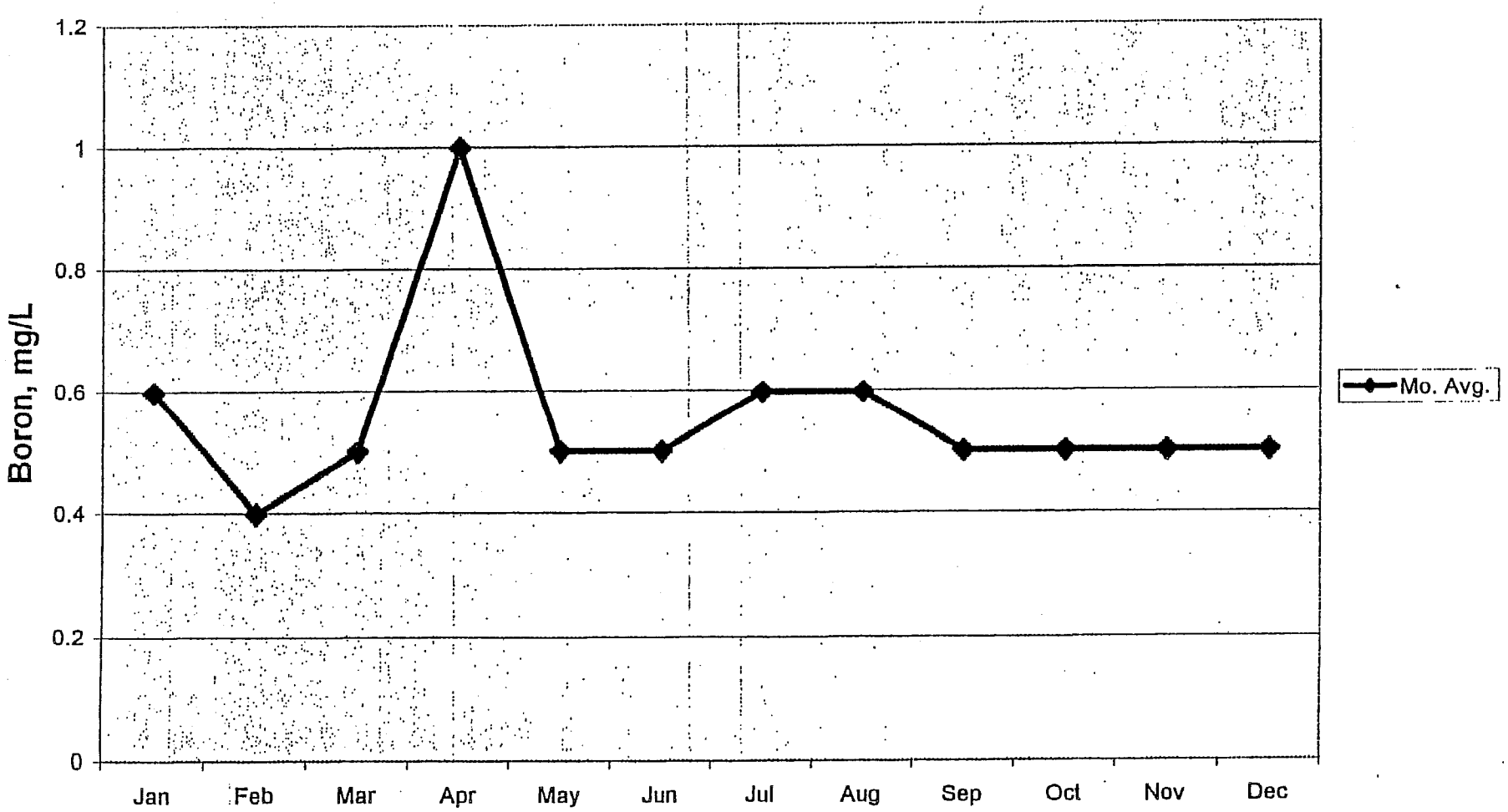
Parameter		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average
	002													
N-Nitrosodimethylamine	Max.,ug/L		ND(5)			ND(2)			ND(3)			ND(5)		<4
N-Nitrosodi-N-Propylamine	Max.,ug/L		ND(5)			ND(2)			ND(3)			ND(5)		<4
N-Nitrosodiphenylamine	Max.,ug/L		ND(5)			ND(2)			ND(3)			ND(5)		<4
Oil & Grease	Mo.lbs/D,Max	53	58	13	48	66	75	29	<64	35	<127	<153	<197	<80
Oil & Grease	Mo.Avg.,mg/L	2	ND(2)	<7	<28	ND(2)	<156	ND(2)	ND(2)	<31	ND(2)	ND(5)	ND(5)	<21
Oil & Grease	Mo.Max., mg/L	4	<3	4	3	3	47	2	1	1	2	ND(5)	ND(5)	<7
Organic Nitrogen as N	Max., mg/L	ND(1)	<1	<2.5	5	<2.5	<2.5	<10	<3	21	<2.5	<2.5	20	<7
Parathion ethyl	Max.,ug/L		ND(0.5)						ND(0.2)					<0.4
Parathion (Parathion methyl)	Max.,ug/L		ND(0.5)						ND(0.2)					<0.4
PCB-1016	Max.,ug/L		ND(0.5)			ND(0.2)			ND(0.2)			ND(0.2)		<0.3
PCB-1221	Max.,ug/L		ND(0.5)			ND(0.2)			ND(0.2)			ND(0.2)		<0.3
PCB-1232	Max.,ug/L		ND(0.5)			ND(0.2)			ND(0.2)			ND(0.2)		<0.3
PCB-1242	Max.,ug/L		ND(0.5)			ND(0.2)			ND(0.2)			ND(0.2)		<0.3
PCB-1248	Max.,ug/L		ND(0.5)			ND(0.2)			ND(0.2)			ND(0.2)		<0.3
PCB-1254	Max.,ug/L		ND(0.5)			ND(0.2)			ND(0.2)			ND(0.2)		<0.3
PCB-1260	Max.,ug/L		ND(0.5)			ND(0.2)			ND(0.2)			ND(0.2)		<0.3
Pentachlorophenol	Max.,ug/L		ND(20)			ND(10)			ND(20)			ND(20)		<18
pH	Mo. Avg.	7.4	7.4	7.1	7.3	7.4	7.4	7.2	7.3	7.2	7.4	7.4	7.3	7.3
pH	Mo. Max.	7.5	7.6	7.4	7.7	7.5	7.6	7.5	7.5	7.5	7.5	7.6	7.6	7.5
Phenanthrene	Max.,ug/L		ND(5)			ND(2)			ND(3)			ND(5)		<4
Phenol	Max.,ug/L		ND(5)			ND(2)			ND(3)			ND(5)		<4
Phenols (Chlorinated;625)	Max.,ug/L		ND(20)			ND(10)			ND(20)			ND(50)		<25
Phenols (non-Cl2; 420)	Max., ug/L		ND(10)			10			10			11		<11
Phosphate as P	Mo.Max., mg/L	3	2	4	4	3	3	3	2	1	2	1	3	3
Pyrene	Max.,ug/L		ND(5)			ND(2)			ND(3)			ND(5)		<4
Radioactivity Beta pCi/L	Max., pCi/L		14			20			21			18		18
Radioactivity Gross(alpha) pCi/L	Max., pCi/L		8			7			1			7		6

Parameter		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average
	002													
Se	Max.,ug/L		ND(5)			ND(2)			ND(2)			ND(2)		<6
Sett. Solids	Mo.Avg.,mL/L	<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
Sett. Solids	Mo.Max., mL/L	<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
Silver	Max.,ug/L		2			ND(20)			ND(50)			ND(20)		<23
Sulfate	Mo.lbs/D,Max	1643	1962	675	1394	2344	2625	1815	3263	3651	5247	2589	3189	2533
Sulfate	Mo.Max., mg/L	106	104	124	107	116	139	121	120	153	185	102	89	122
Suspended Solids	Mo.lbs/D, Avg	35	48	12	13	2	34	26	40	34	37	40	56	31
Suspended Solids	Mo.lbs/D,Max	84	90	30	33	70	56	47	142	69	99	73	122	76
Suspended Solids	Mo.Avg.,mg/L	2	4	3	2	2	2	2	2	1	1	2	2	2
TCDD	Max., ng/L		ND(0.035)						ND(0.023)					<0.03
Temperature, F	Mo. Max.	73	71	79	88	79	79	82	82	82	79	75	74	79
Tetrachloroethylene	Max.,ug/L		ND(0.5)			ND(0.5)			ND(0.5)			0.8		<0.6
Thallium	Max.,ug/L		ND(1)						ND(1)					ND(1)
Toluene	Max.,ug/L		ND(0.5)			ND(0.5)			ND(0.5)			ND(0.5)		ND(0.5)
Total Dissolved Solids	Mo.lbs/D,Max	7930	10693	3028	8274	11175	10837	7616	15484	15643.00	15308	14632	9883	10875
Total Dissolved Solids	Mo.Max., mg/L	579	534	575	588	553	544	502	523	567.00	518	526	468	540
Total Nitrogen, (TKN)	Mo.Max., mg/L	21	<18	<15	20	<24	<24	<34	<21	23	<23	<27	25	<23
Toxaphene	Max.,ug/L		ND(0.5)			ND(2)			ND(2)			ND(2)		<2
Trichloroethylene	Max.,ug/L		ND(0.5)			ND(0.5)			ND(0.5)			ND(0.5)		ND(0.5)
Turbidity, NTU	Mo. Avg.	1	2	2	2	1	1	1	1	1	1	1	1	1
Vinyl Chloride	Max.,ug/L		ND(0.5)			ND(0.5)			ND(0.5)			ND(0.5)		ND(0.5)
Zn	Max.,ug/L		66			70			87			76		75

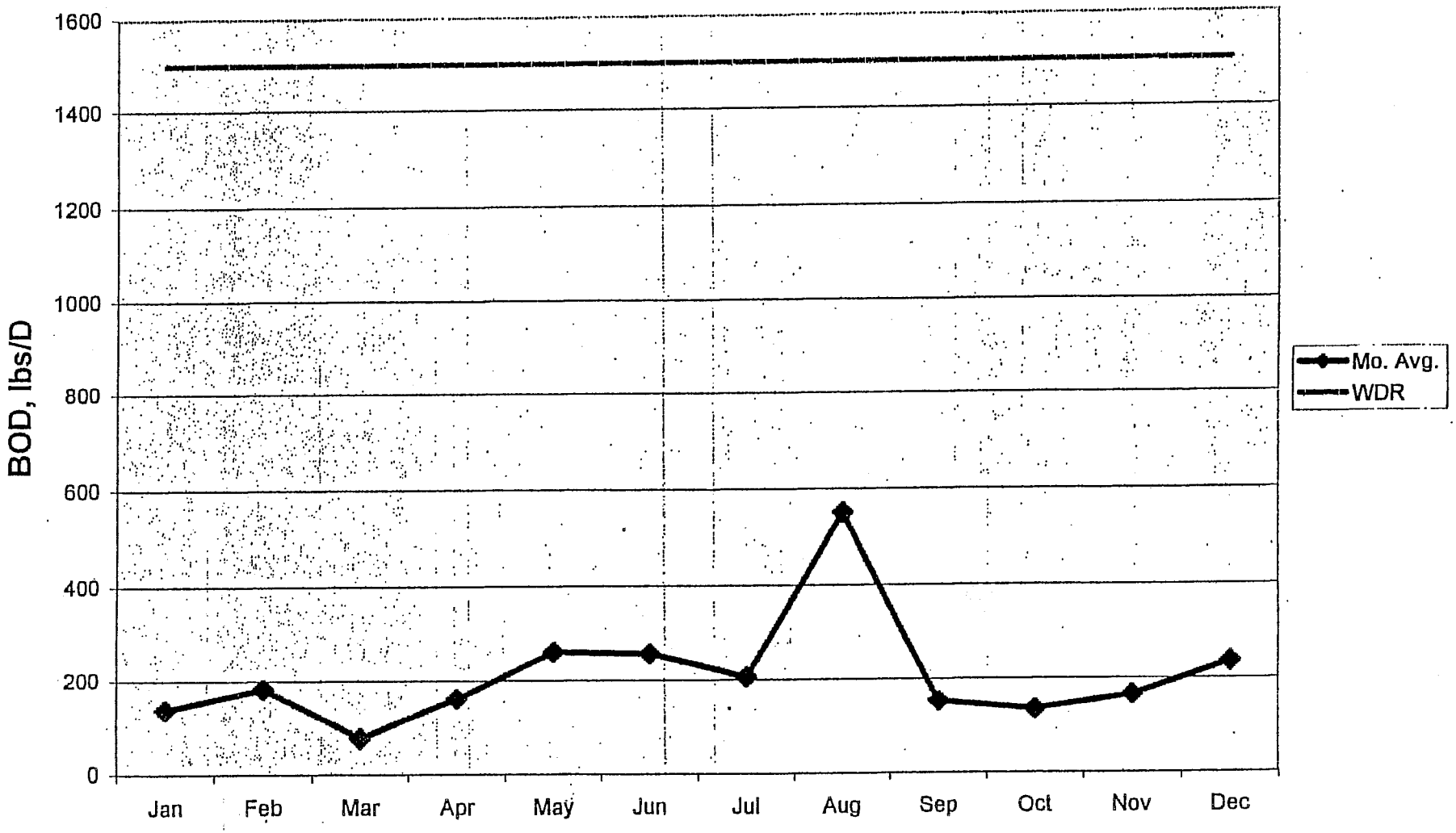
Burbank Wastewater Treatment Facility
002 Effluent - Annual Summary 2000



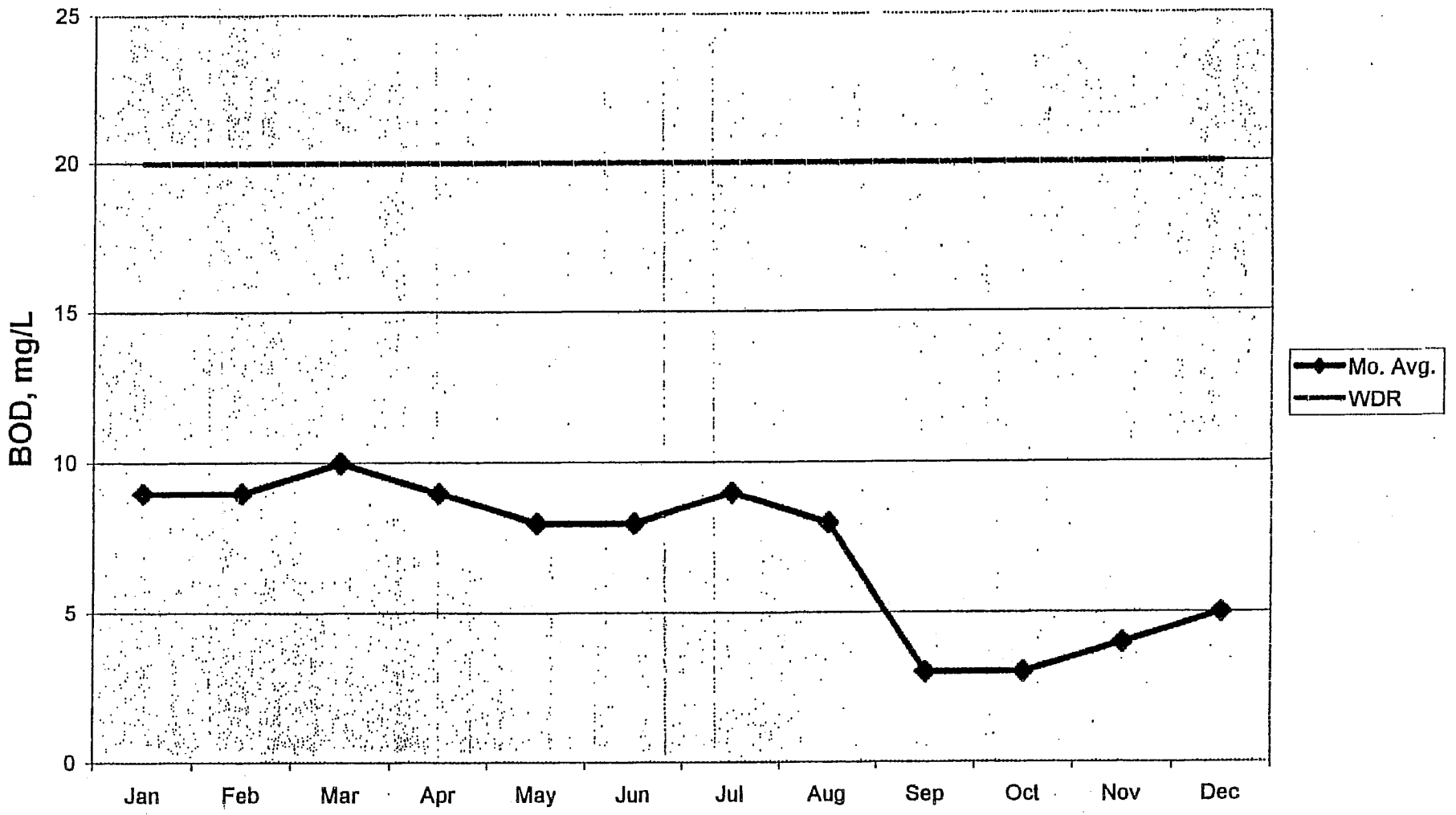
Burbank Wastewater Treatment Facility
002 Effluent - Annual Summary 2000



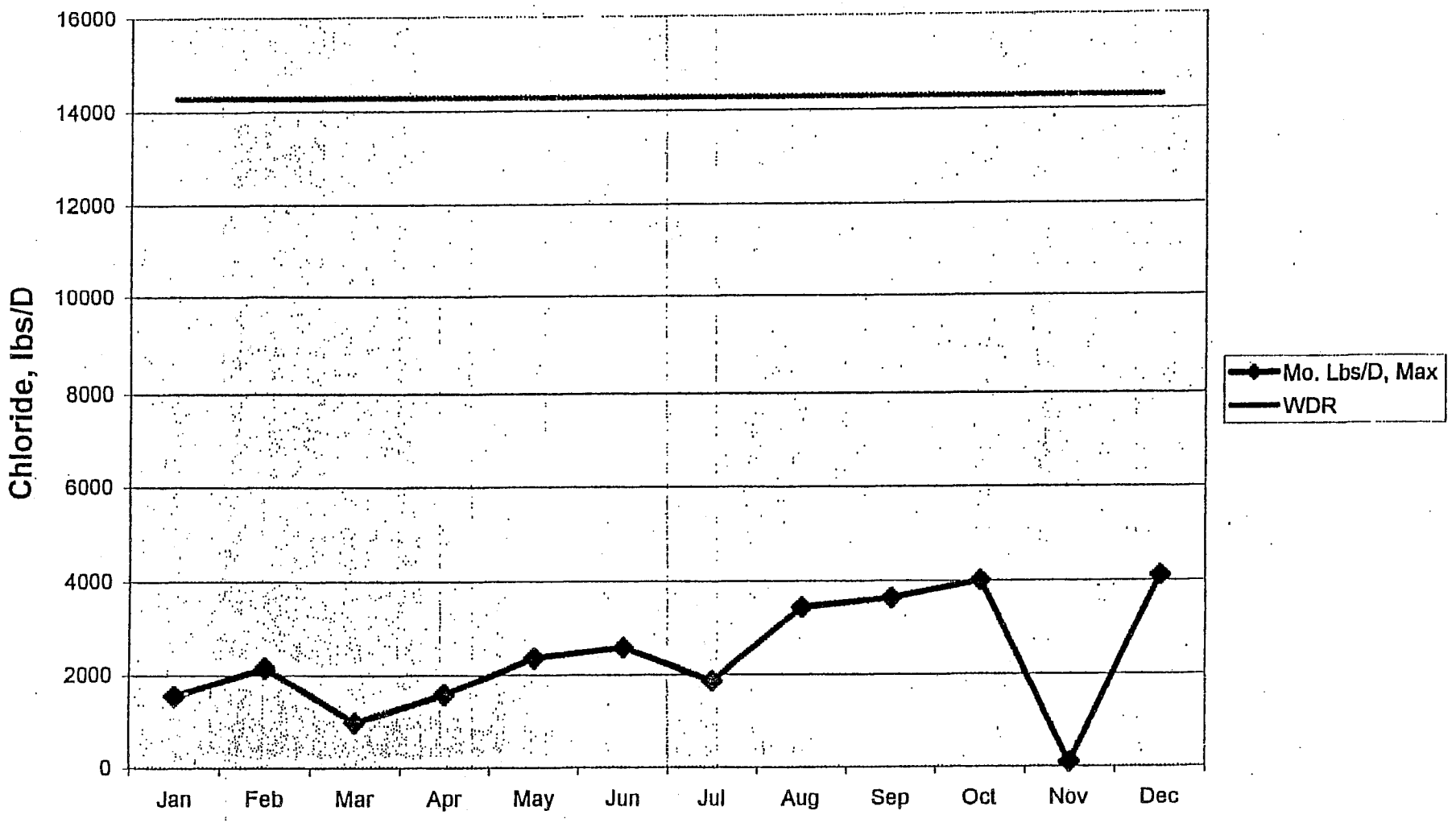
Burbank Wastewater Treatment Facility
002 Effluent - Annual Summary 2000



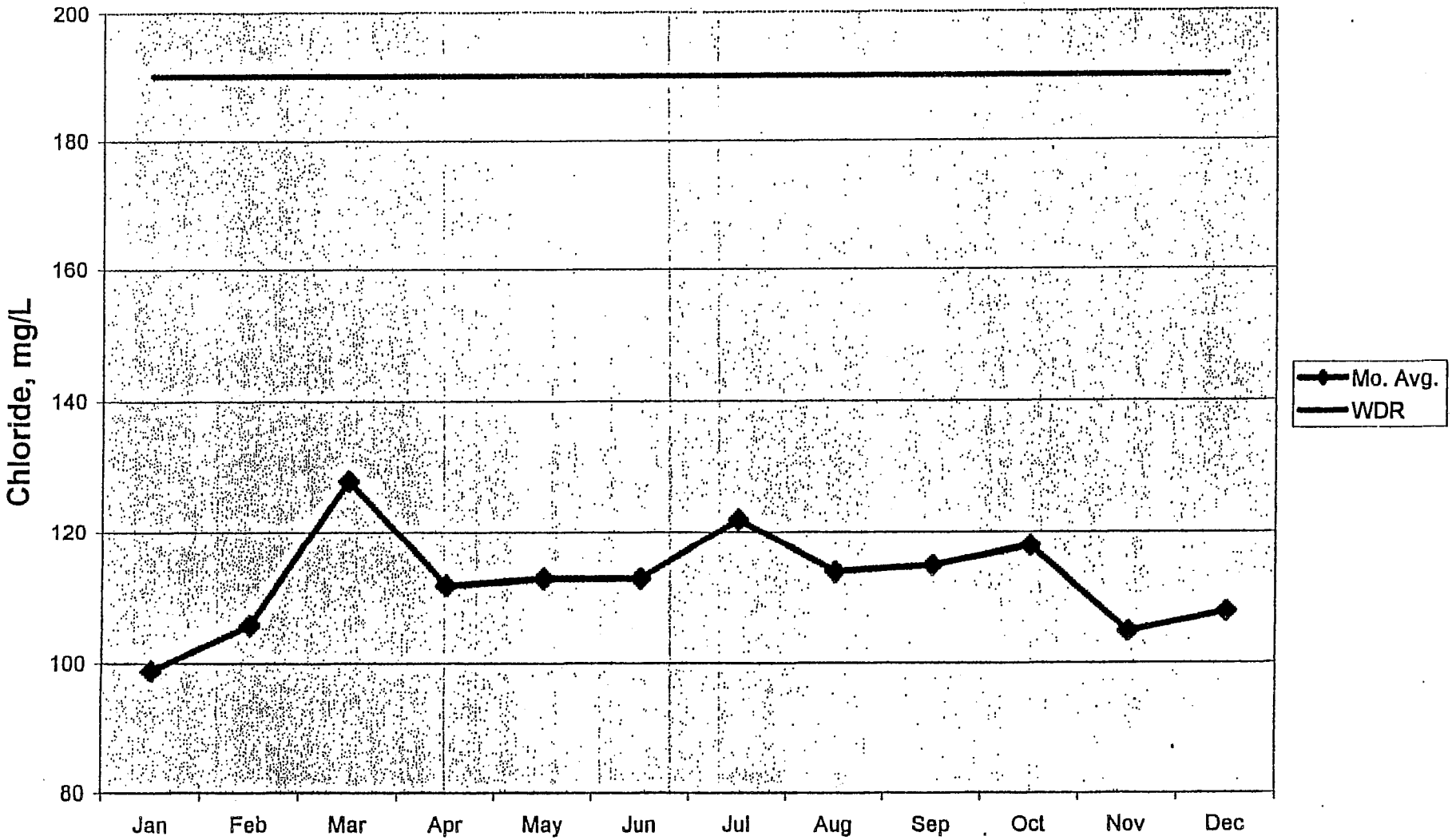
Burbank Wastewater Treatment Facility
002 Effluent - Annual Summary 2000



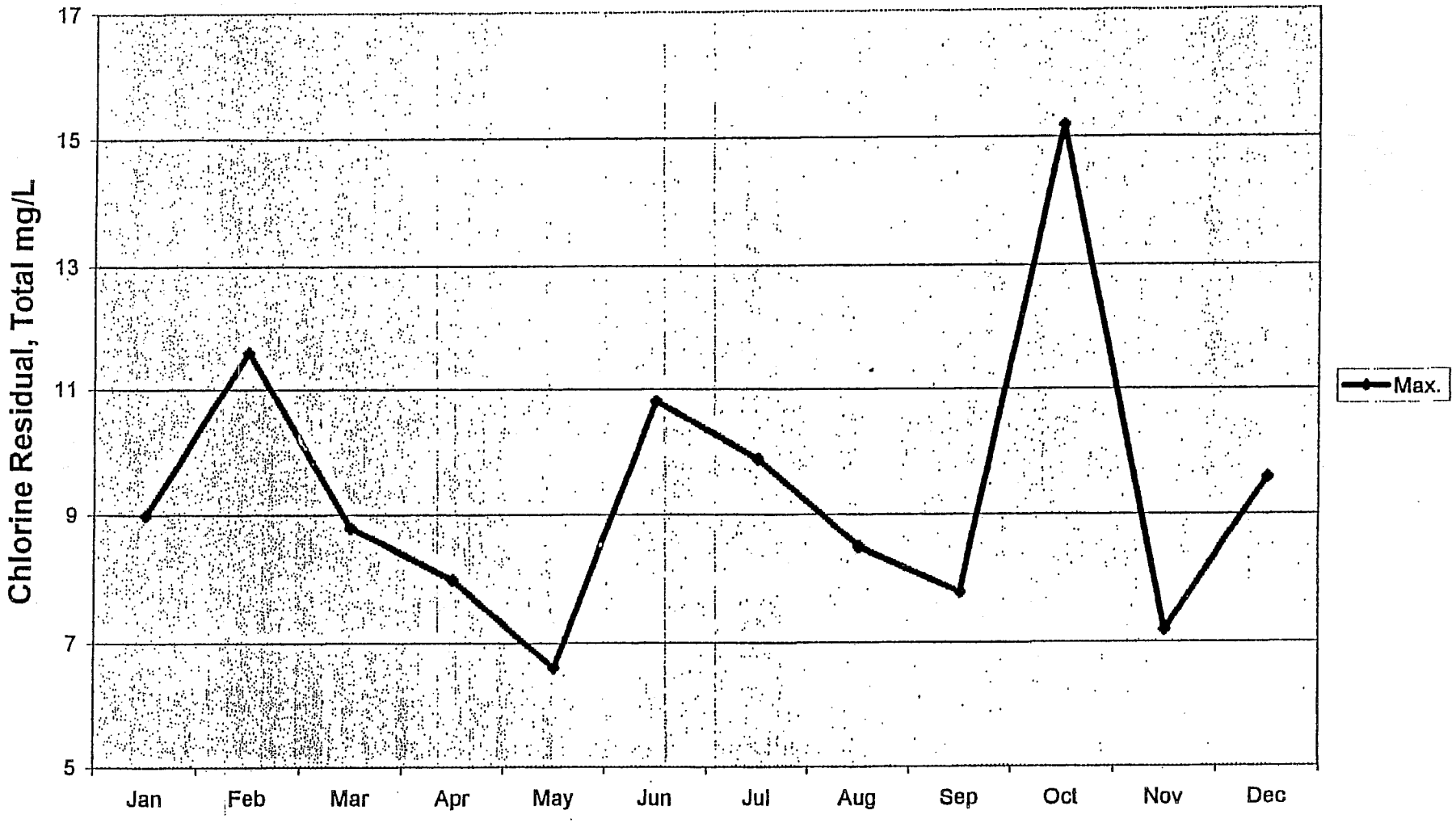
Burbank Wastewater Treatment Facility
002 Effluent - Annual Summary 2000



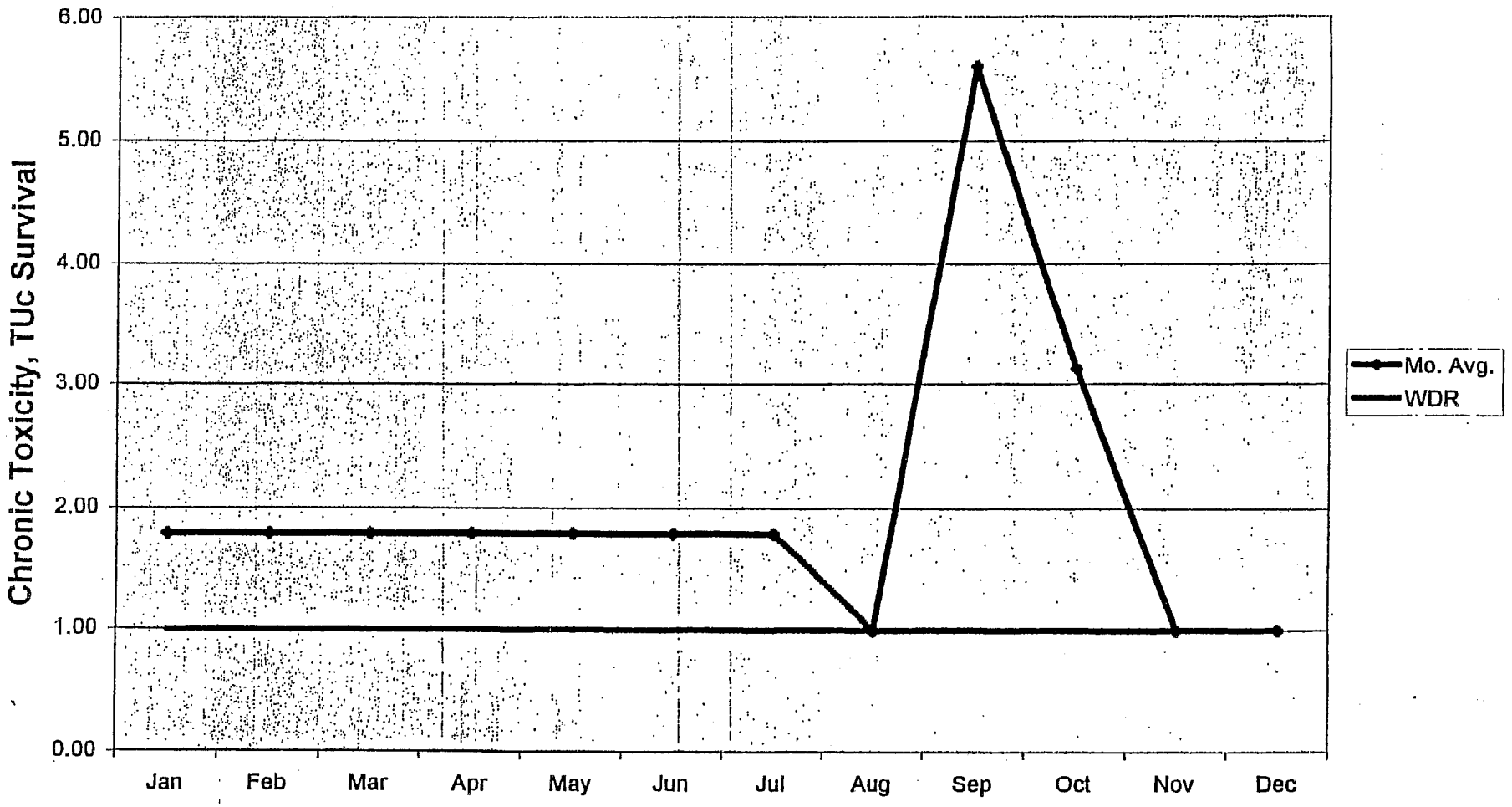
Burbank Wastewater Treatment Facility
002 Effluent - Annual Summary 2000



Burbank Wastewater Treatment Facility
002 Effluent - Annual Summary 2000

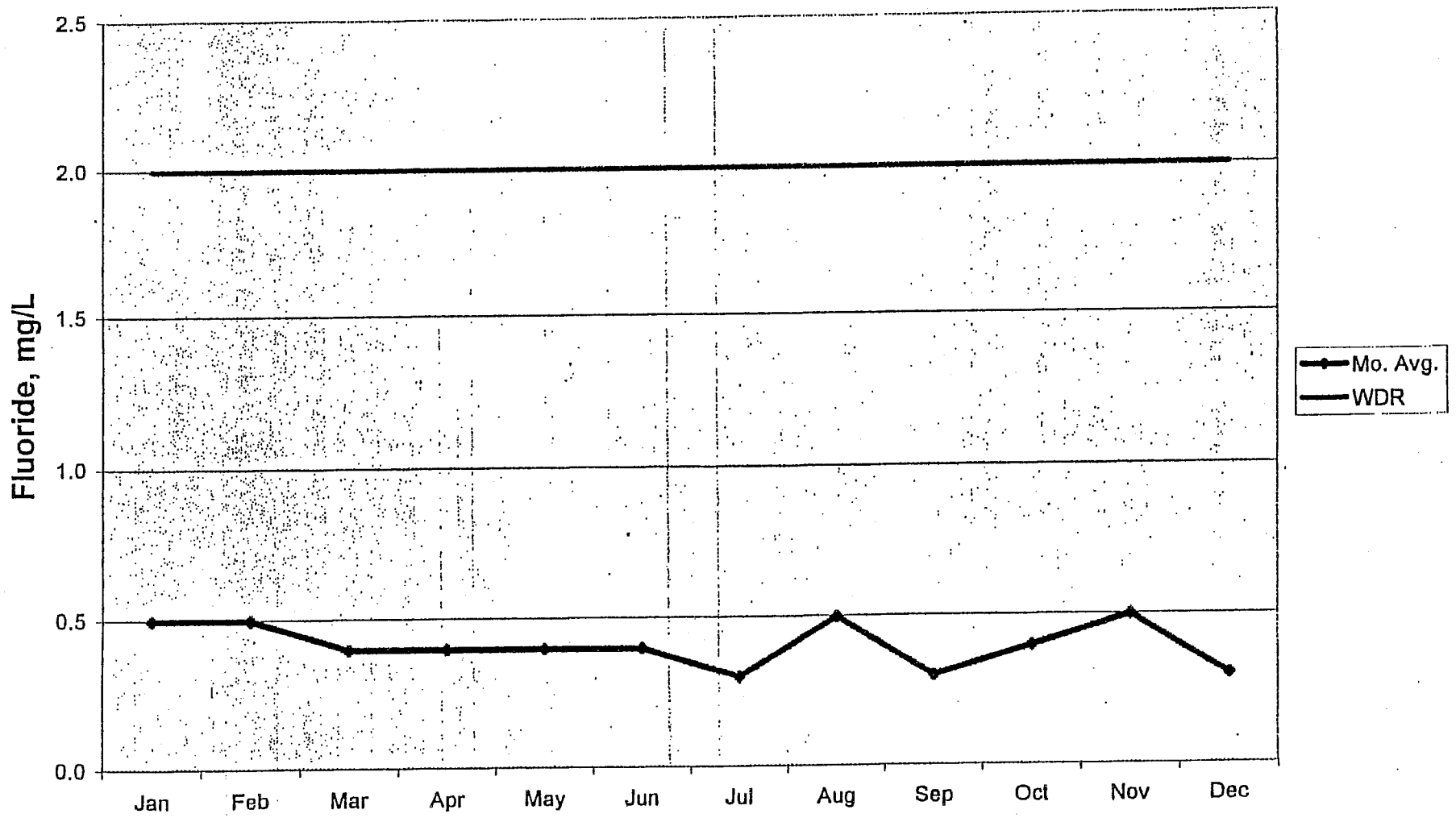


Burbank Wastewater Treatment Facility
002 Effluent - Annual Summary 2000

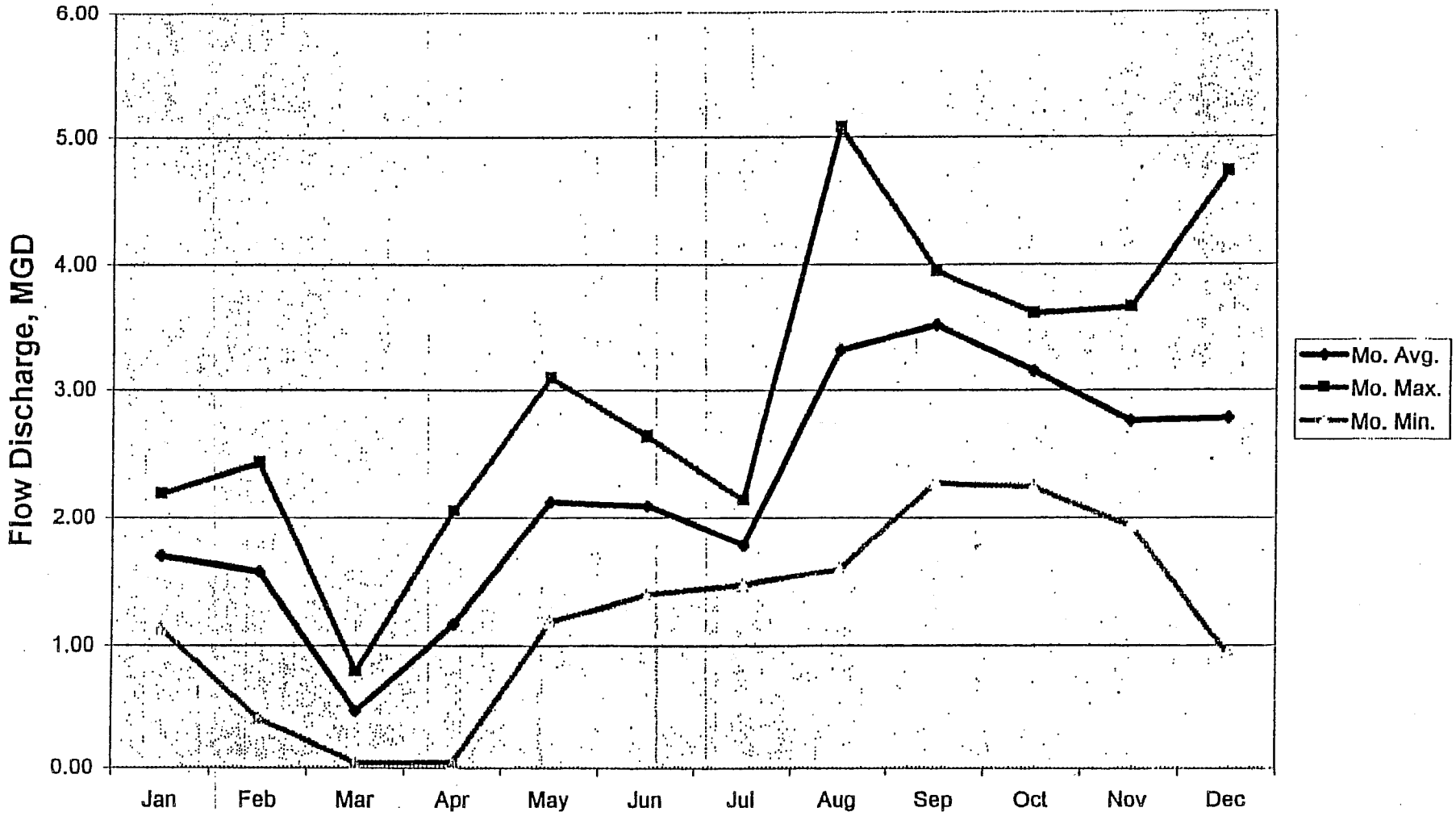


Greater than 1.00 indicates measurable toxicity

Burbank Wastewater Treatment Facility
002 Effluent - Annual Summary 2000



Burbank Wastewater Treatment Facility
002 Effluent - Annual Summary 2000



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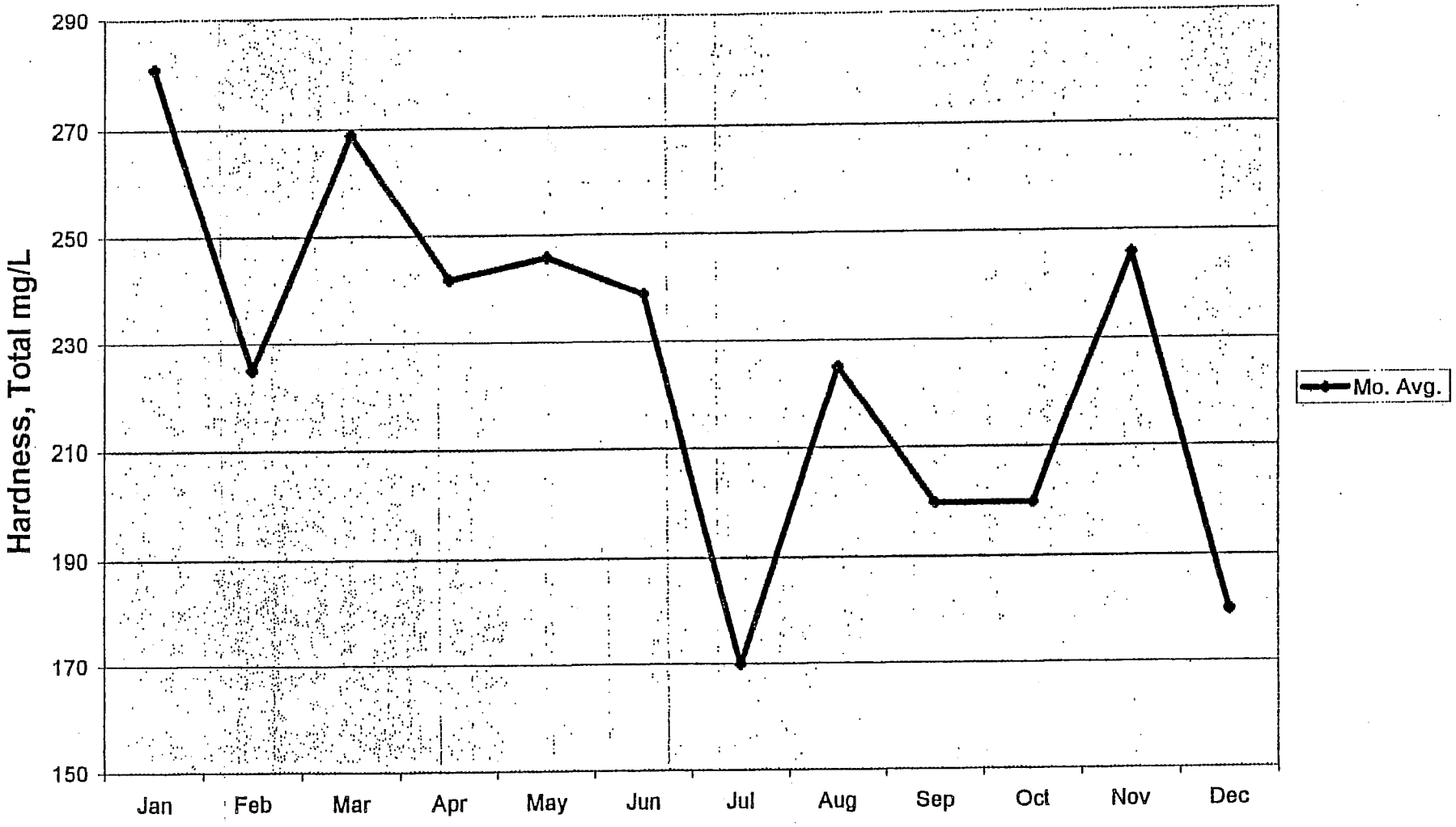
002 Effluent - Annual Summary 2000



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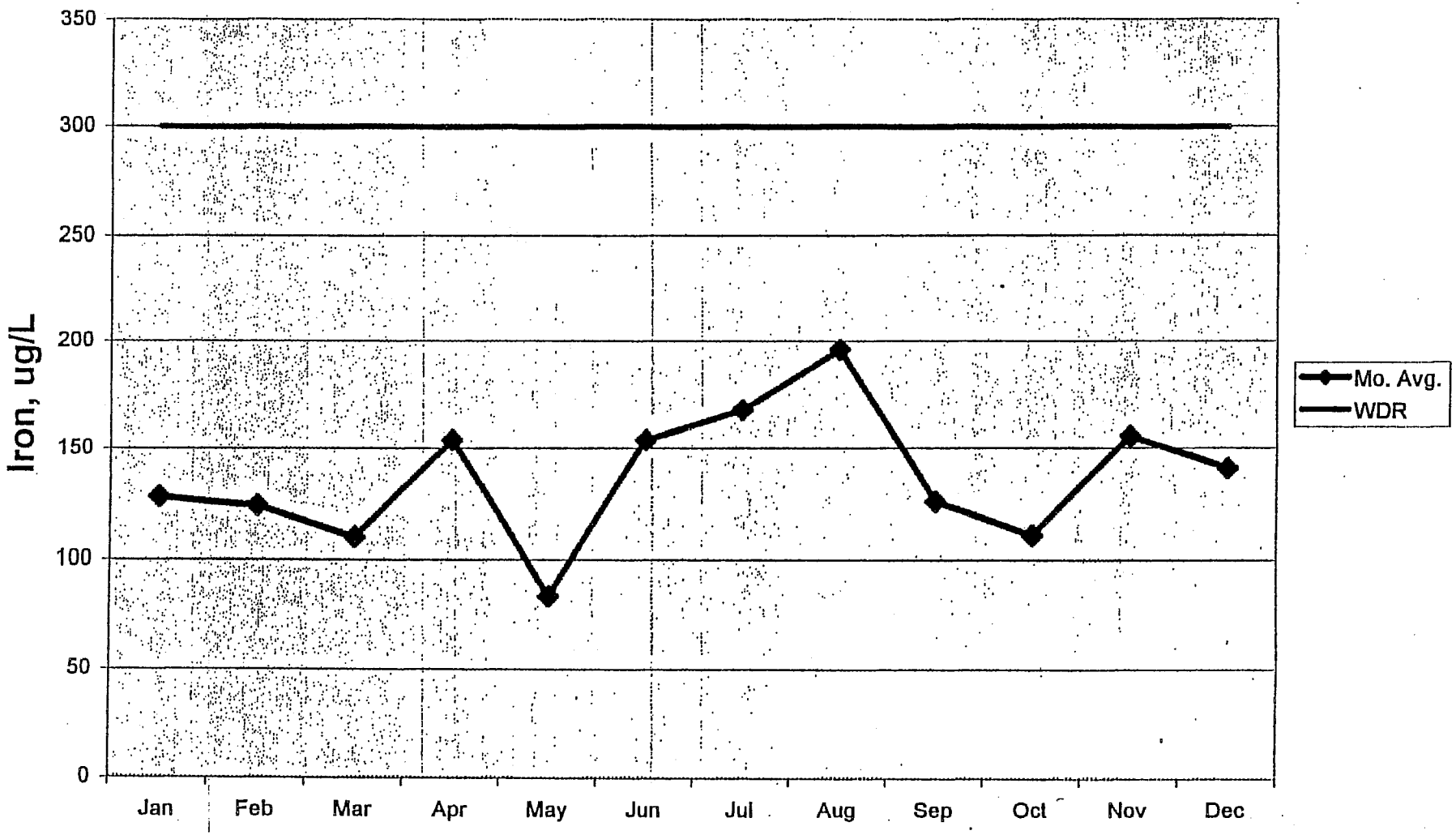
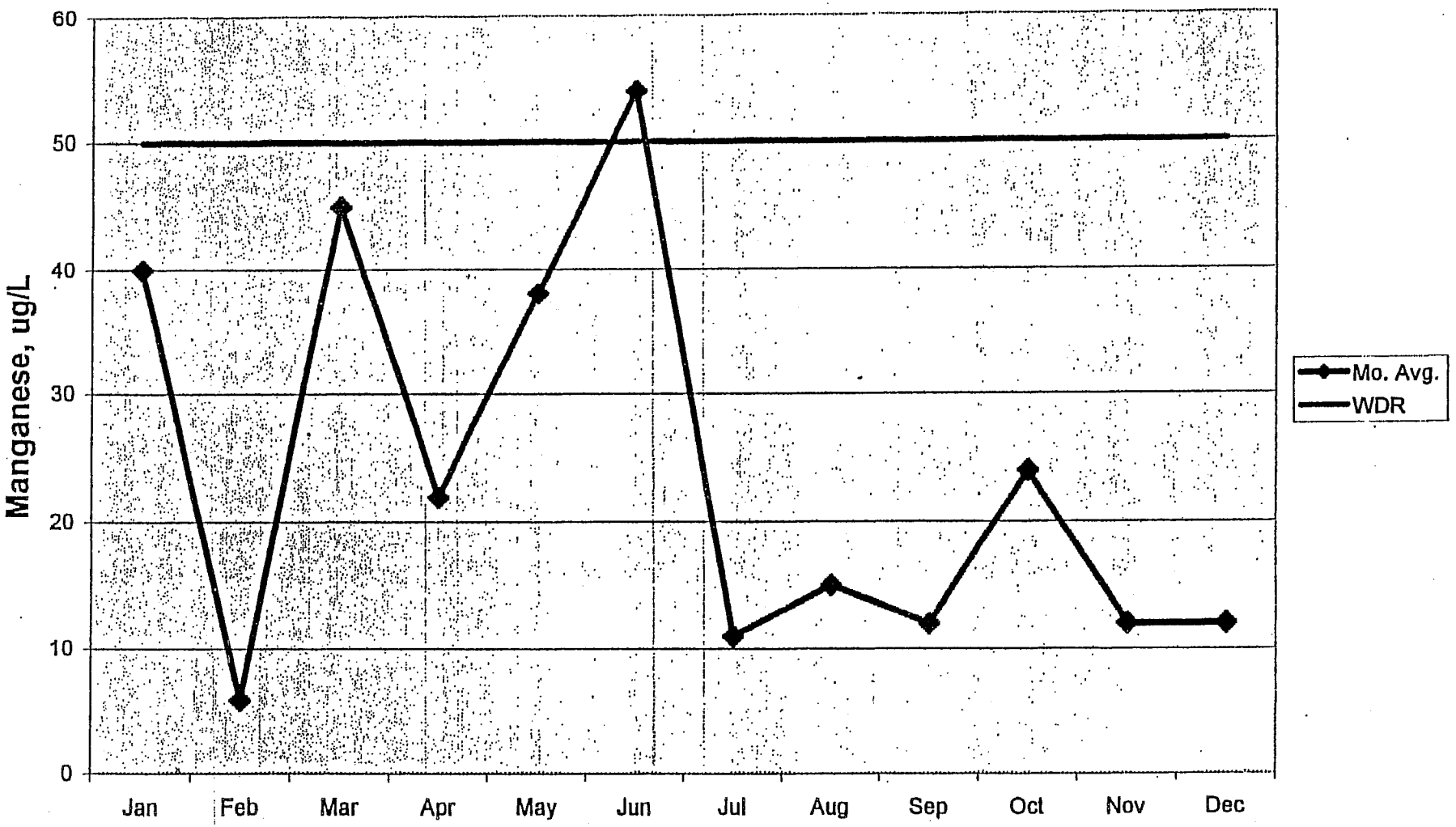
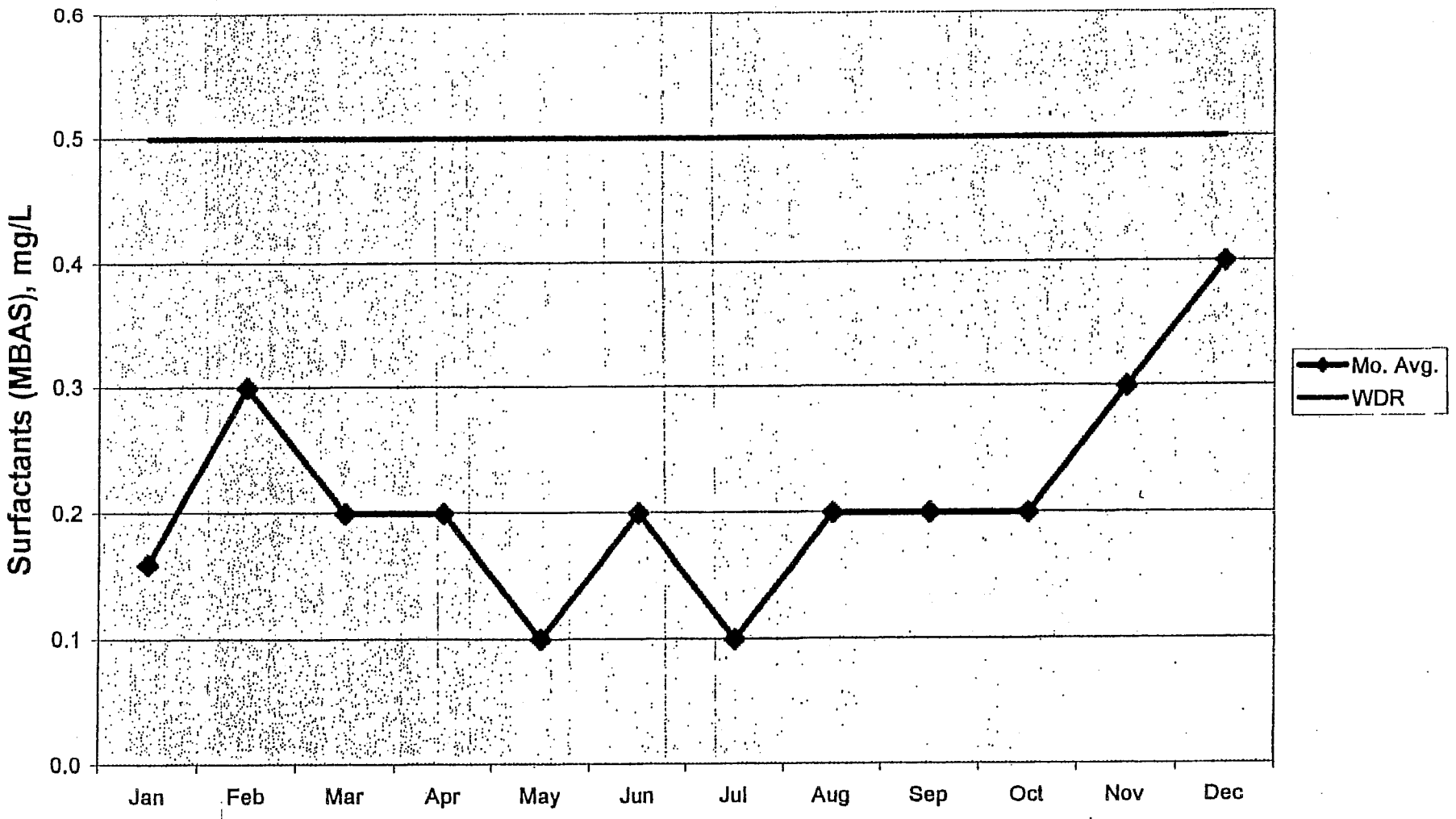


Burbank Wastewater Treatment Facility
002 Effluent - Annual Summary 2000



Burbank Wastewater Treatment Facility
002 Effluent - Annual Summary 2000



Burbank Wastewater Treatment Facility
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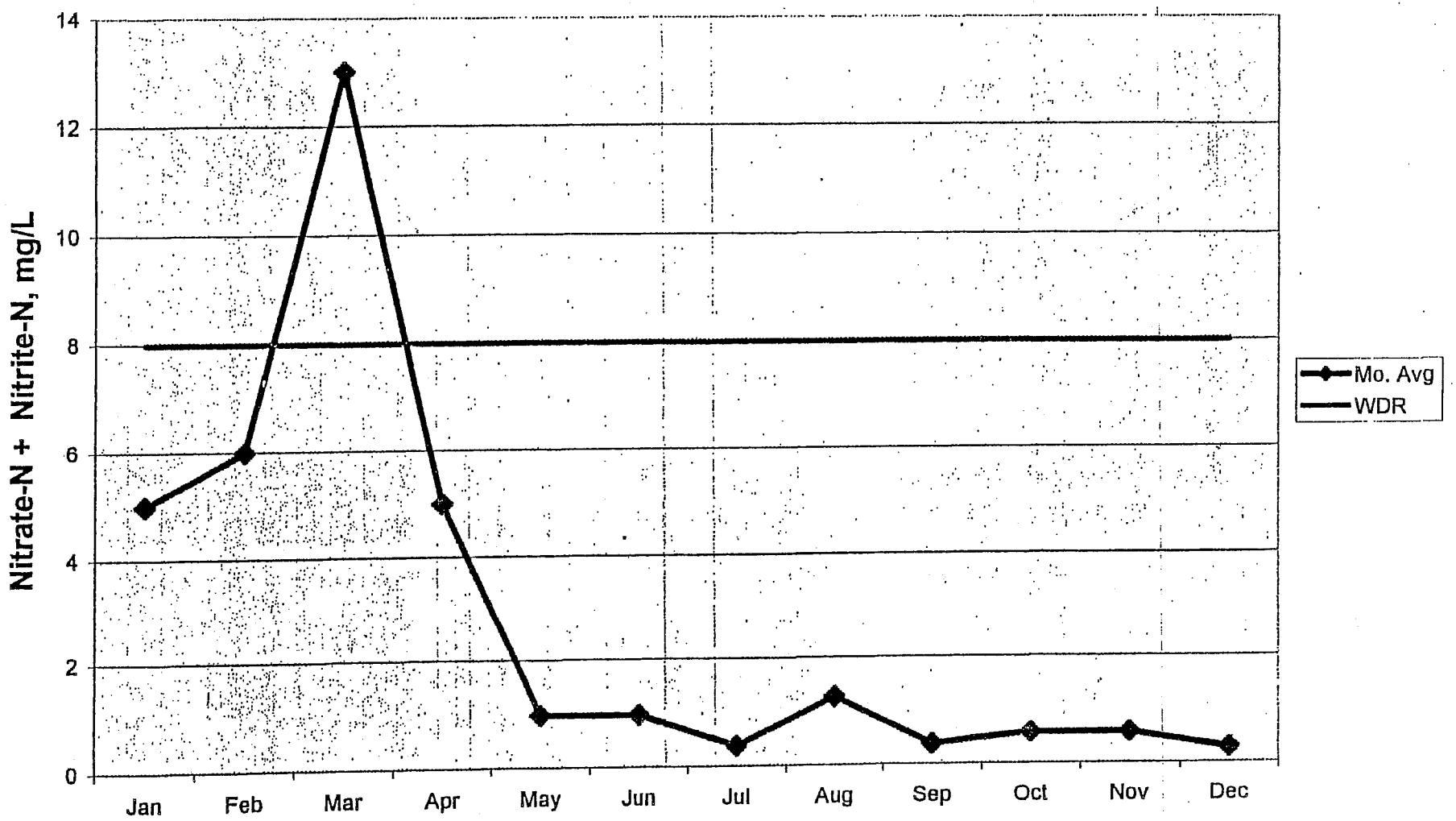
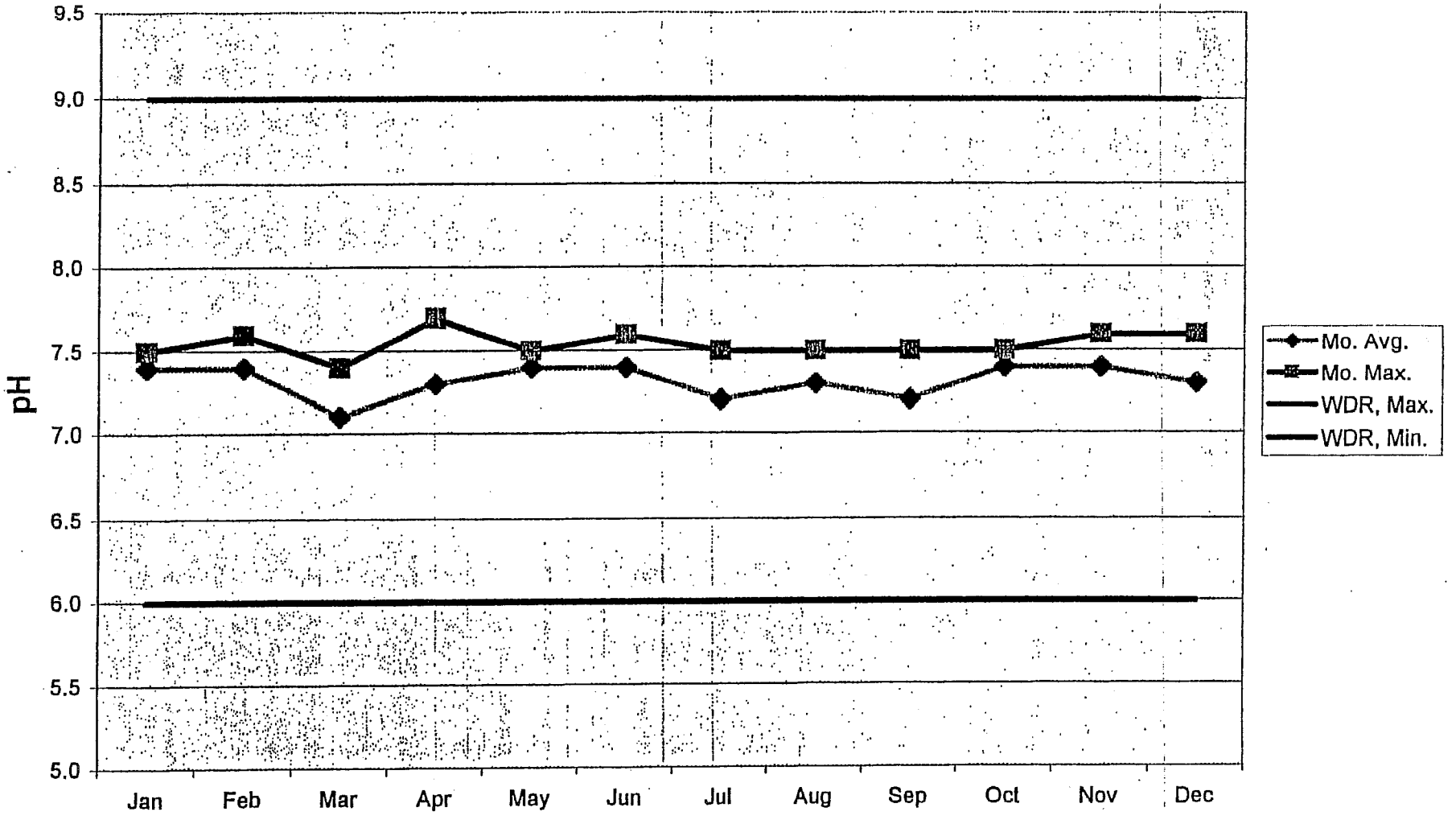


Burbank Wastewater Treatment Facility
002 Effluent - Annual Summary 2000



Burbank Wastewater Treatment Facility
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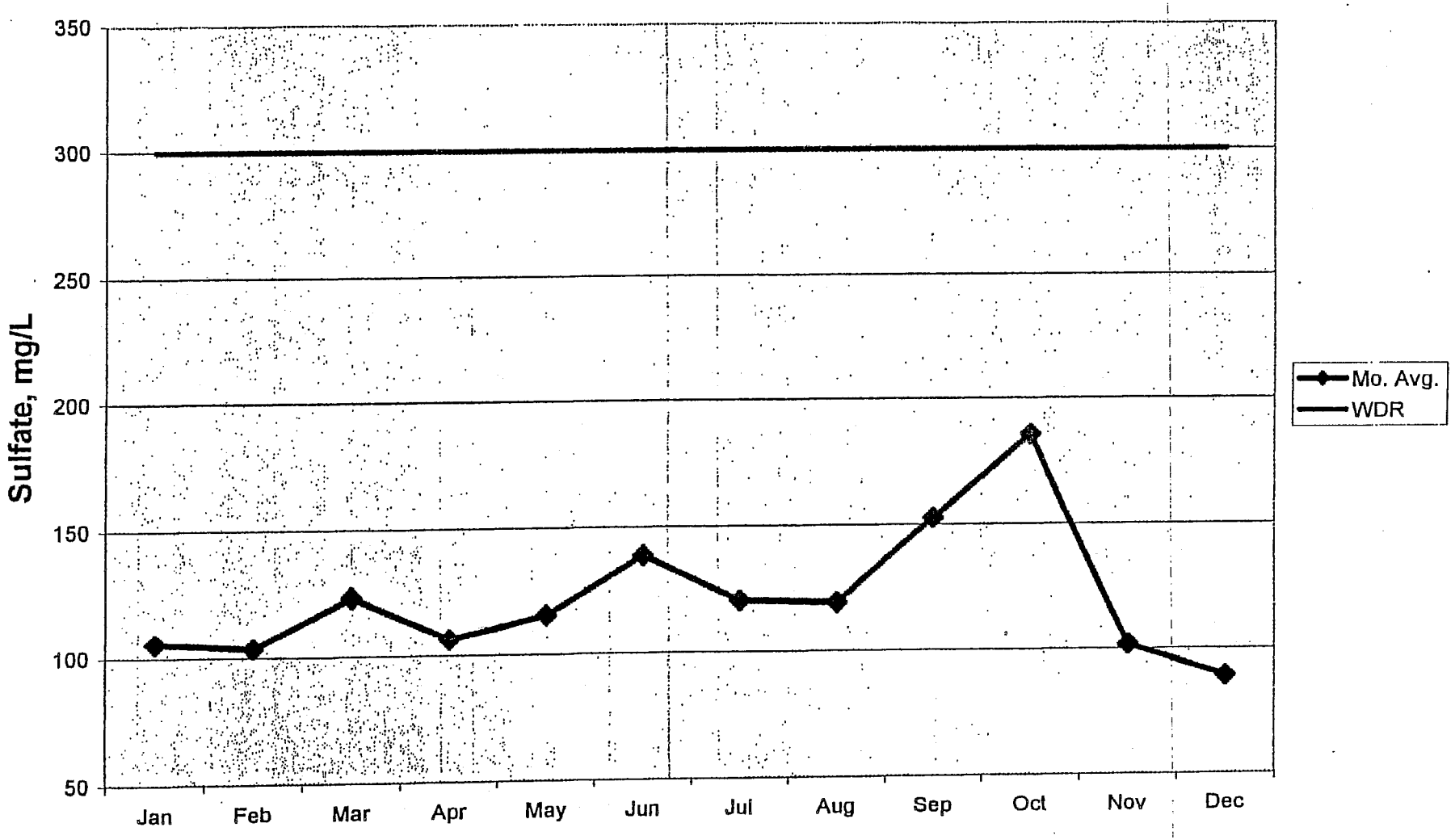

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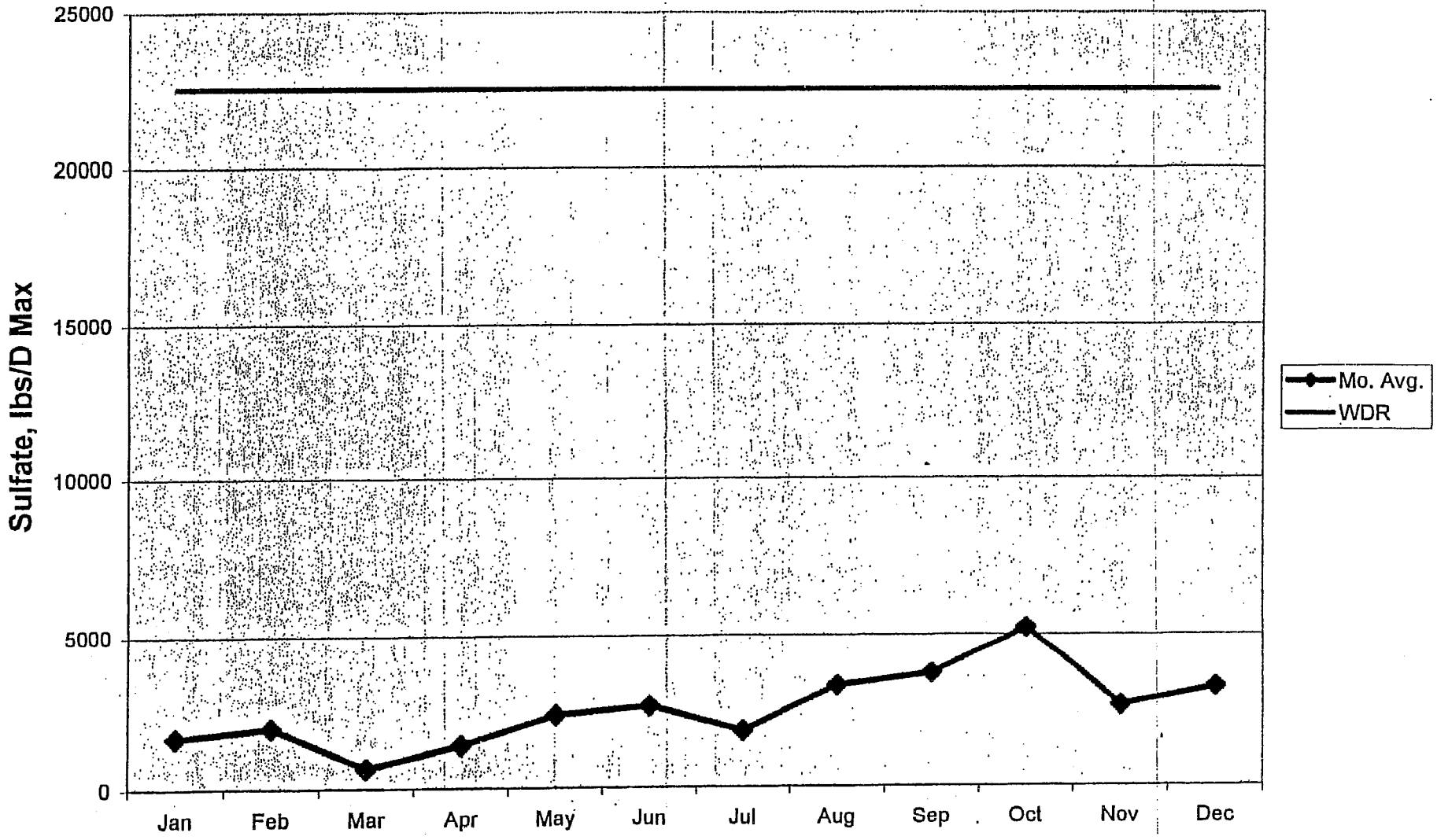
002 Effluent - Annual Summary 2000



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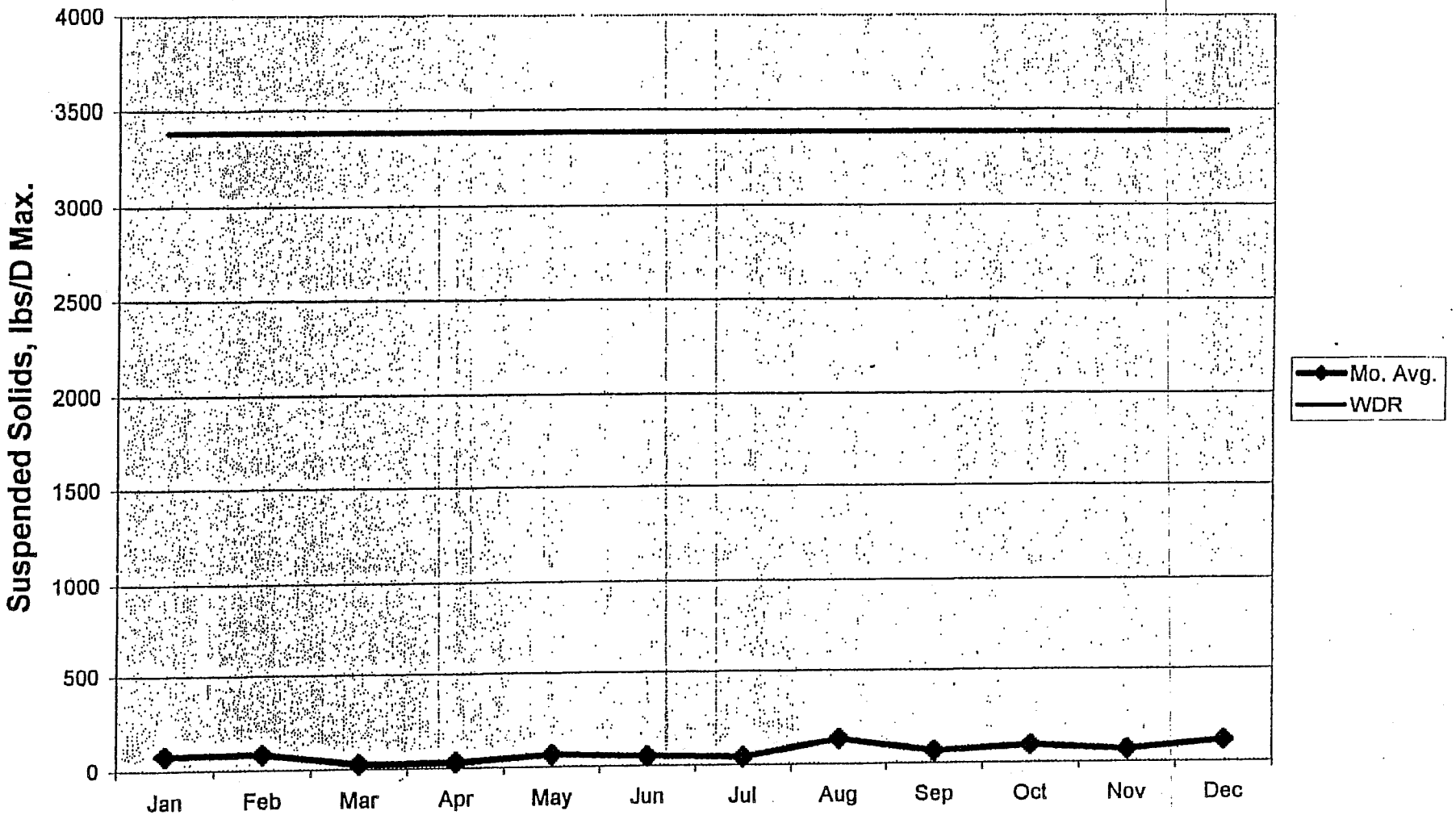

Burbank Wastewater Treatment Facility
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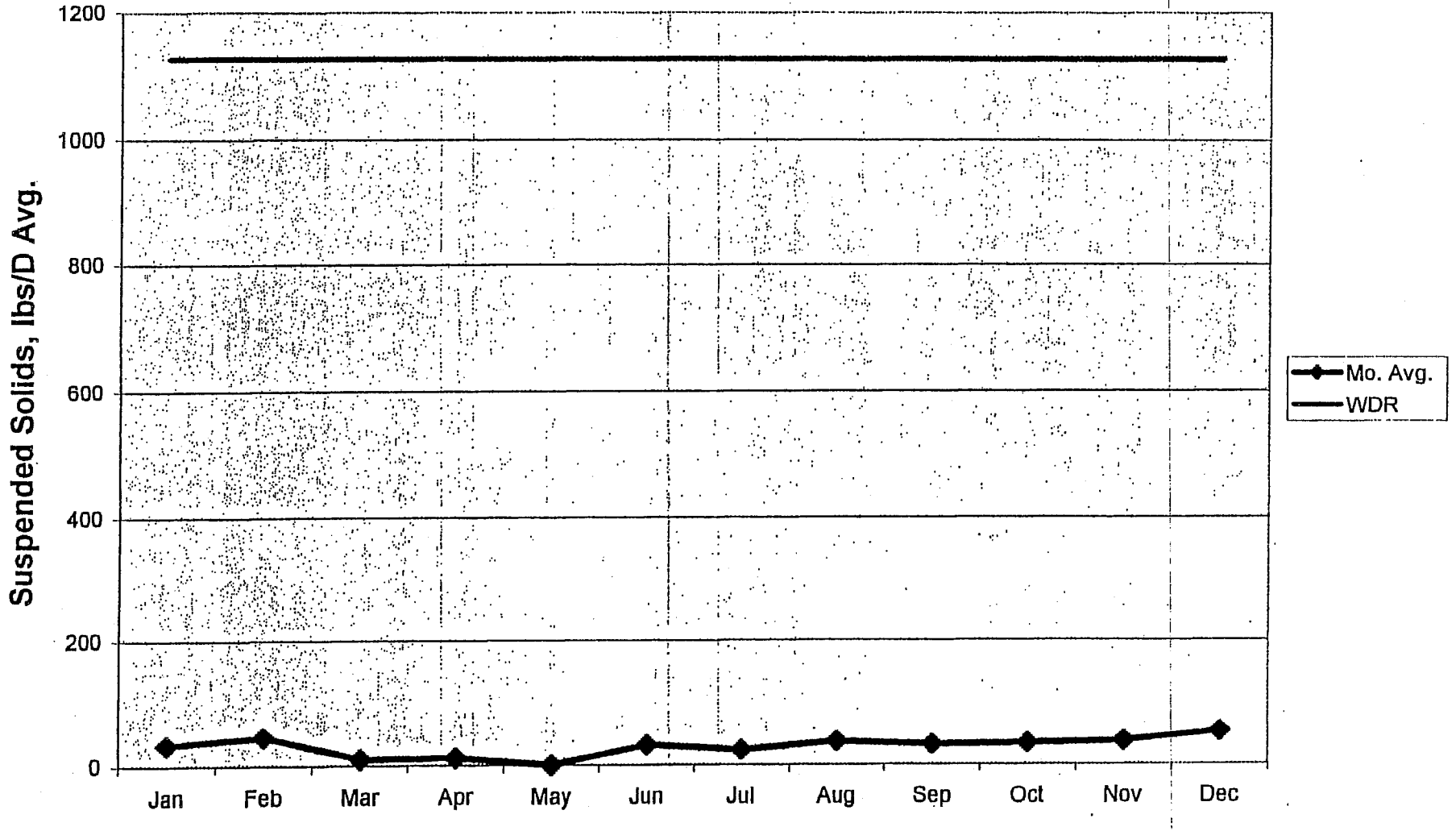
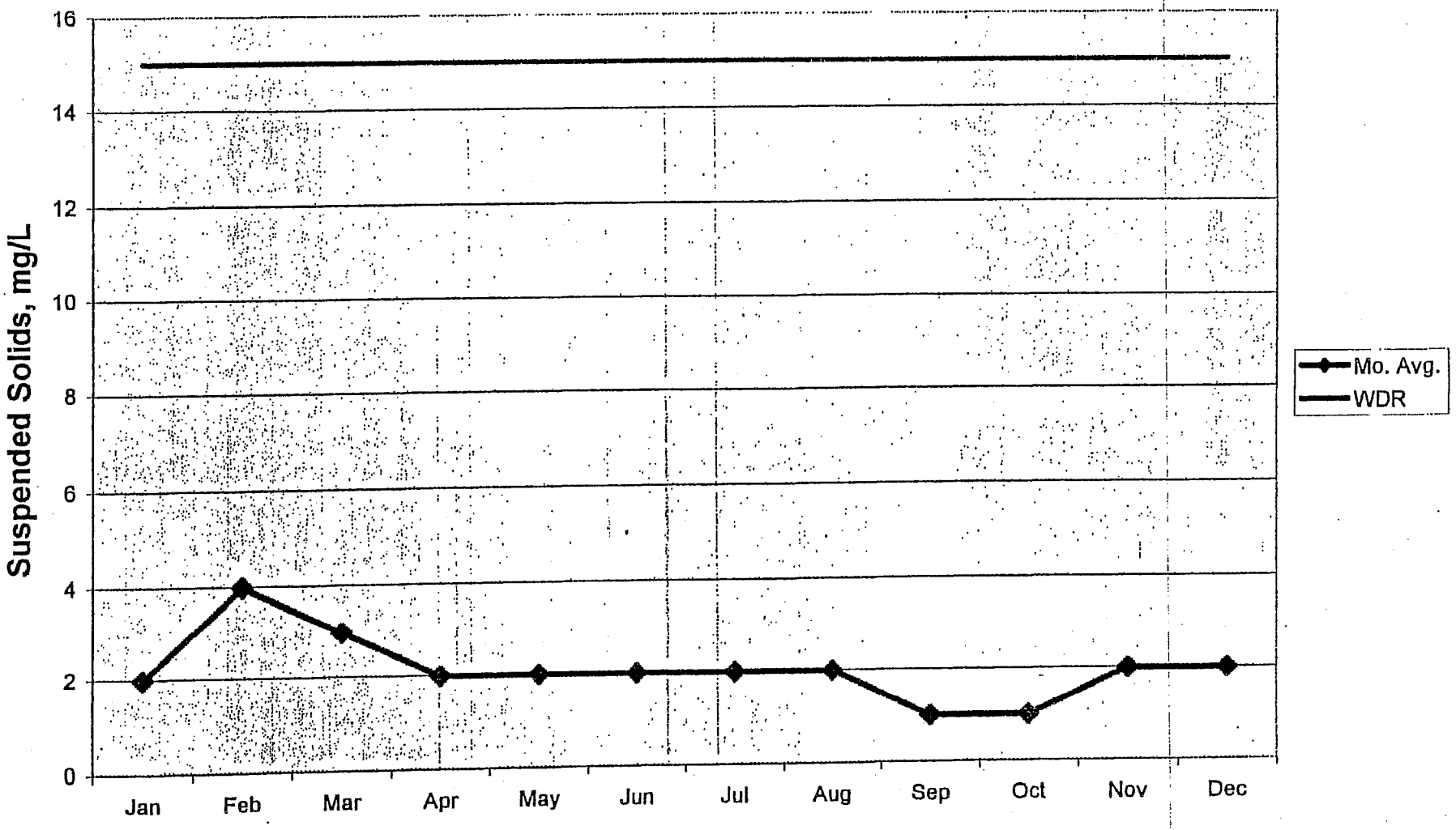
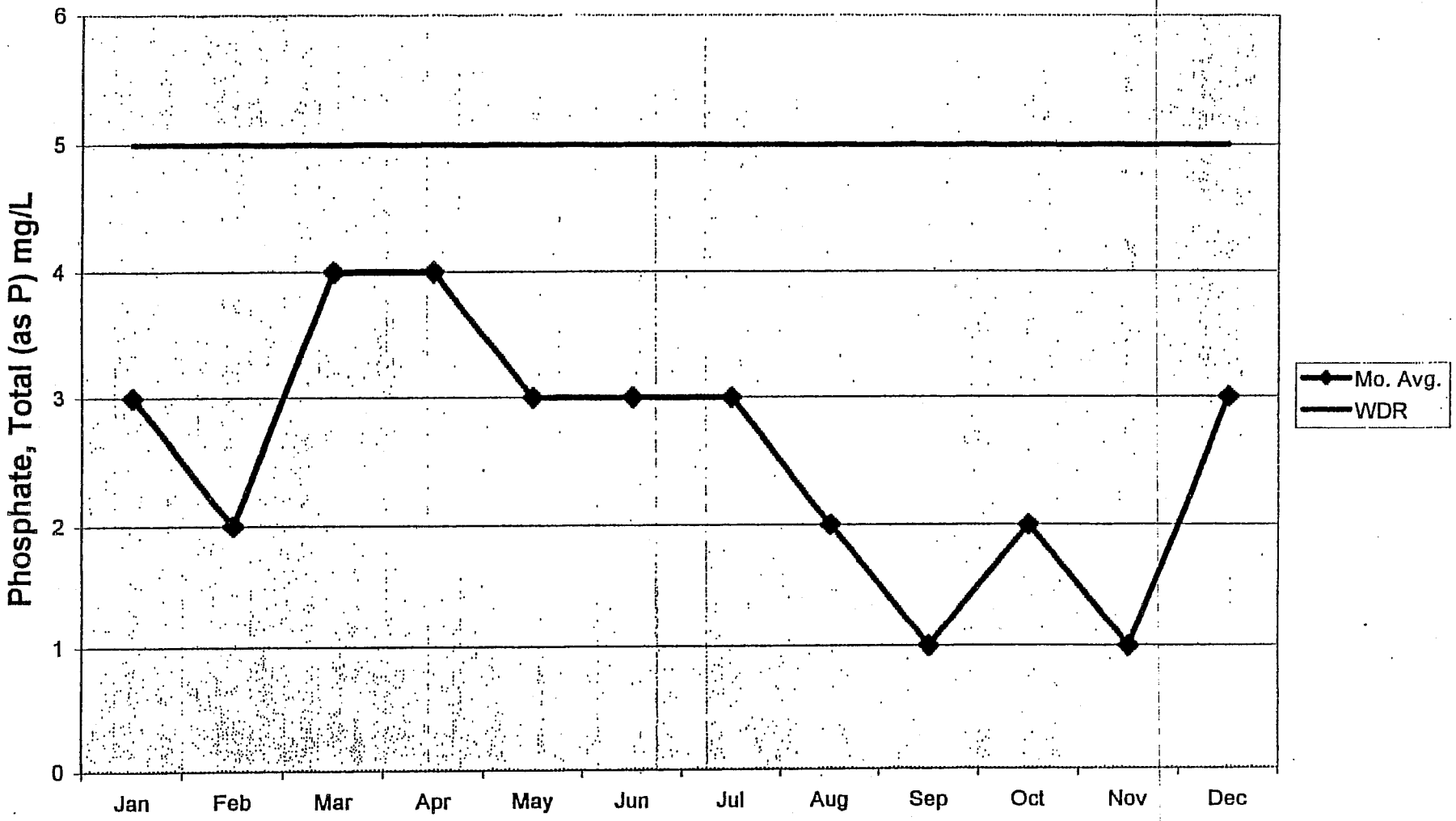


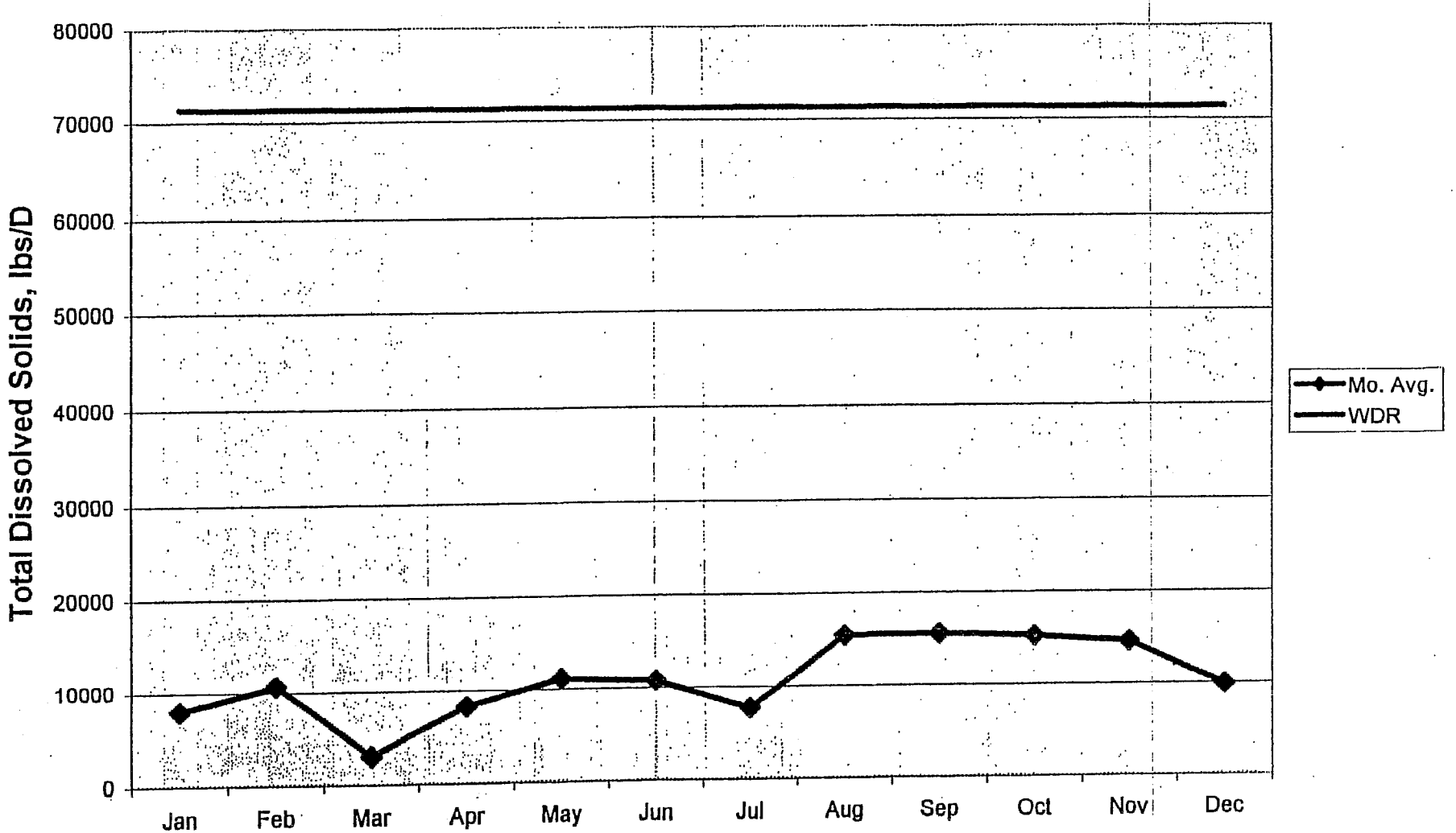
Burbank Wastewater Treatment Facility
002 Effluent - Annual Summary 2000



Burbank Wastewater Treatment Facility
002 Effluent - Annual Summary 2000



Burbank Wastewater Treatment Facility
002 Effluent - Annual Summary 2000



Burbank Wastewater Treatment Facility
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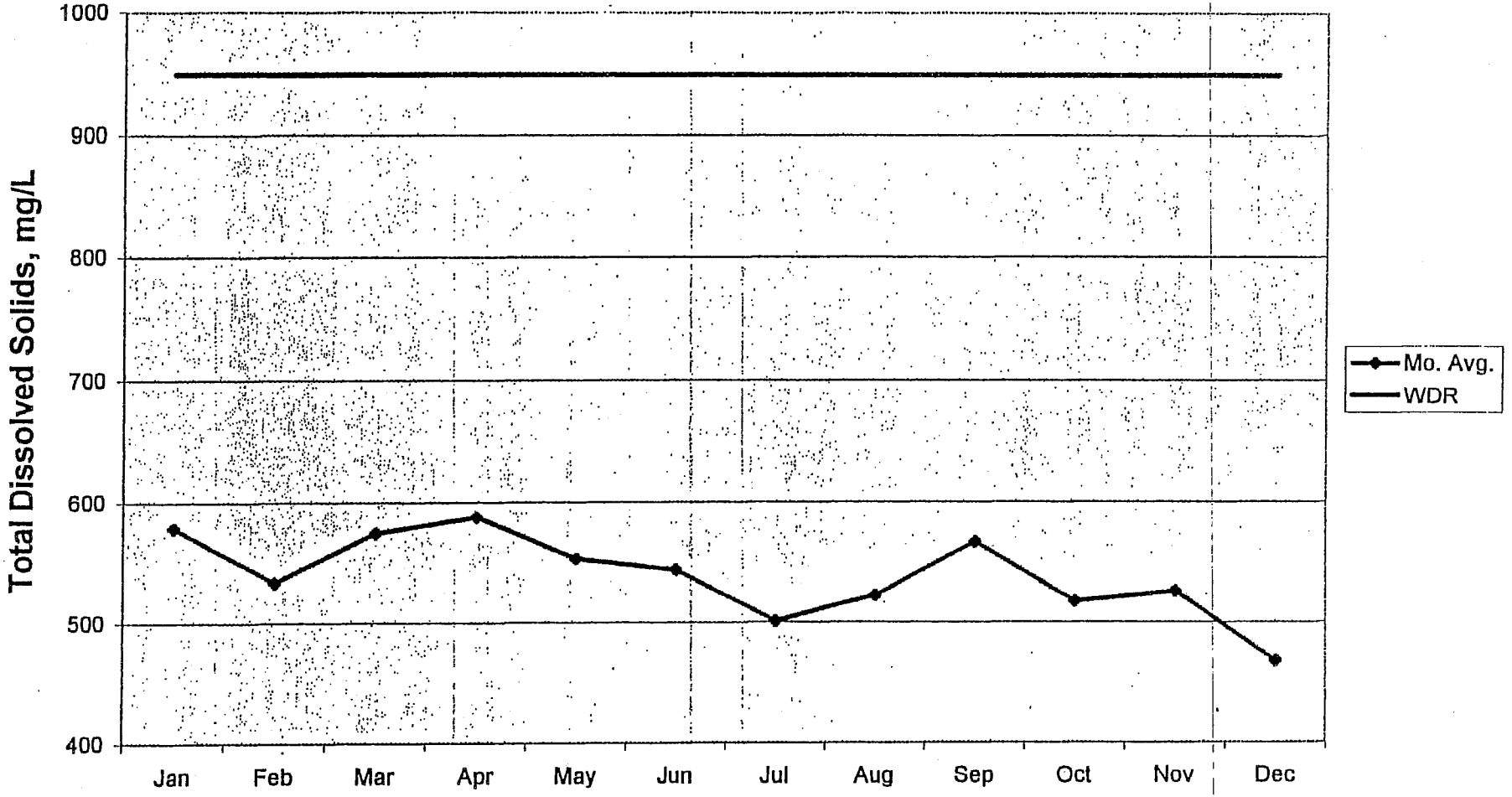

Burbank WasteWater Treatment Facility
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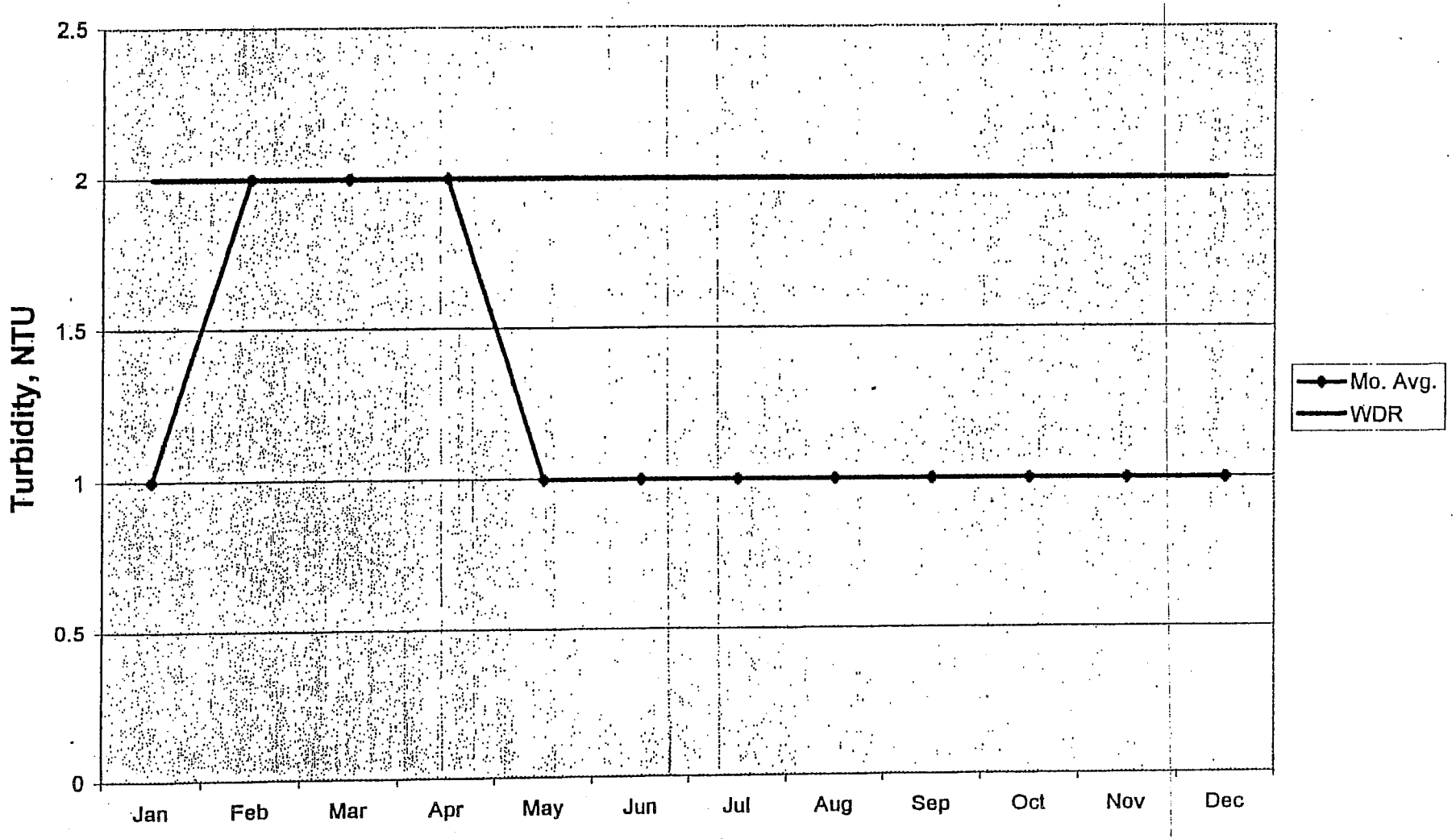

Burbank Wastewater Treatment Facility
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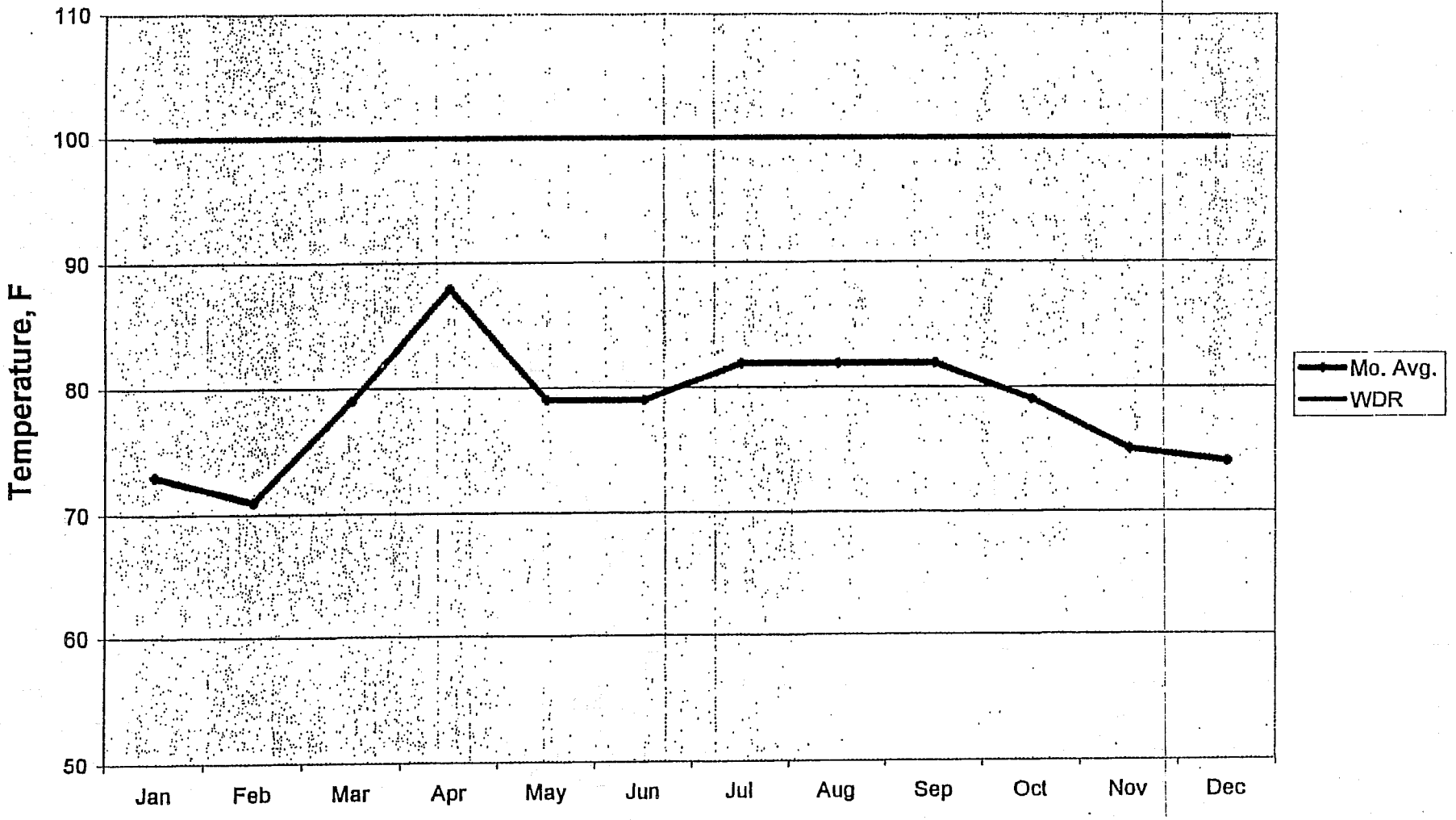

Burbank Wastewater Treatment Facility
Annual Summary 2000

Parameter	001	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average
1,1,1-Trichloroethane	Max.,ug/L		ND(0.5)	ND(0.5)						ND(0.5)				ND(0.5)
1,1,2,2-Tetrachloroethane	Max.,ug/L		ND(0.5)	ND(0.5)						ND(0.5)				ND(0.5)
1,1,2-Trichloroethane	Max.,ug/L		ND(0.5)	ND(0.5)						ND(0.5)				ND(0.5)
1,1-Dichloroethane	Max.,ug/L		ND(0.5)	ND(0.5)						ND(0.5)				ND(0.5)
1,1-Dichloroethylene	Max.,ug/L		ND(0.5)	ND(0.5)						ND(0.5)				ND(0.5)
1,2,4-Trichlorobenzene	Max.,ug/L		ND(5)							ND(2)				<4
1,2-Dichlorobenzene	Max.,ug/L		ND(5)	ND(0.5)						ND(2)				<3
1,2-Dichloroethane	Max.,ug/L		ND(0.5)	ND(0.5)						ND(0.5)				ND(0.5)
1,2-Dichloropropane	Max.,ug/L		ND(0.5)	ND(0.5)						ND(0.5)				ND(0.5)
1,2-Diphenylhydrazine	Max.,ug/L		ND(10)							ND(2)				<6
1,2-Trans-Dichloroethylene	Max.,ug/L		ND(0.5)							ND(0.5)				ND(0.5)
1,3-Dichlorobenzene	Max.,ug/L		ND(5)	ND(0.5)						ND(2)				<3
cis-1,3-Dichloropropylene	Max.,ug/L		ND(0.5)	ND(0.5)						ND(0.5)				ND(0.5)
1,4-Dichlorobenzene	Max.,ug/L		ND(5)	ND(0.5)						ND(2)				<3
2,4,6-Trichlorophenol	Max.,ug/L		ND(5)							ND(5)				ND(5)
2,4-Dichlorophenol	Max.,ug/L		ND(5)							ND(2)				<4
2,4-Dimethylphenol	Max.,ug/L		ND(5)							ND(2)				<4
2,4-Dinitrophenol	Max.,ug/L		ND(50)							ND(10)				<30
2,4-Dinitrotoluene	Max.,ug/L		ND(5)							ND(2)				<4
2,6-Dinitrotoluene	Max.,ug/L		ND(5)							ND(2)				<4
2-Chloroethylvinyl Ether	Max.,ug/L			ND(5)						ND(1)				<3
2-Chloronaphthalene	Max.,ug/L		ND(5)							ND(2)				<4
2-Chlorophenol	Max.,ug/L		ND(5)							ND(2)				<4
2-Nitrophenol	Max.,ug/L		ND(5)							ND(2)				<4
3,3-Dichlorobenzidine	Max.,ug/L		ND(50)							ND(5)				<30
3-Methyl-4-Chlorophenol (P-Chloro-M-	Max.,ug/L		ND(5)							ND(5)				ND(5)
4,4"-DDT	Max.,ug/L		ND(0.02)							ND(2)				<2
4,4'-DDD	Max.,ug/L		ND(0.02)							ND(2)				<2

Parameter	001	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average
4,4'-DDE	Max.,ug/L		ND(0.02)							ND(3)				<2
4,6-Dinitro-O-Cresol (4,6-Dinitro-2-Met	Max.,ug/L		ND(50)							ND(10)				<30
4-BromoPhenyl Penyl Ether	Max.,ug/L		ND(5)							ND(2)				<4
4-ChloroPhenyl Phenyl Ether	Max.,ug/L		ND(5)							ND(2)				<4
4-Methylphenol (p-cresol)	Max.,ug/L		ND(5)							ND(2)				<4
4-Nitrophenol	Max.,ug/L		ND(10)							ND(5)				<8
Acenaphthene	Max.,ug/L		ND(5)							ND(2)				<4
Acenaphthylene	Max.,ug/L		ND(5)							ND(0.1)				<3
Acrolein	Max.,ug/L		ND(10)							ND(10)				ND(10)
Acrylonitrile	Max.,ug/L		ND(10)							ND(10)				ND(10)
Aldrin	Max.,ug/L		ND(0.02)							ND(0.005)				<0.02
Alpha-BHC	Max.,ug/L		ND(0.02)							ND(0.005)				<0.02
Alpha-Endosulfan	Max.,ug/L		ND(0.02)							ND(0.005)				<0.02
Anthracene	Max.,ug/L		ND(5)							ND(2)				<4
Antimony	Max.,ug/L		ND(1)							ND(4)				<3
Arsenic	Max.,ug/L		ND(5)							3				<4
Barium	Max.,ug/L		57							ND(150)				<104
Benzene	Max.,ug/L		ND(0.5)							ND(0.5)				ND(0.5)
Benzidine	Max.,ug/L		ND(50)							ND(20)				<35
Benzo(A)Anthracene	Max.,ug/L		ND(5)							ND(2)				<4
Benzo(A)Pyrene	Max.,ug/L		ND(5)							ND(2)				<4
Benzo(B)Fluoranthene	Max.,ug/L		ND(5)							ND(2)				<4
Benzo(GHI)Perylene (1,12-Benzoperyl	Max.,ug/L		ND(10)							ND(2)				<6
Benzo(K)Fluoranthene	Max.,ug/L		ND(5)							ND(2)				<4
Beryllium	Max.,ug/L		ND(1)							ND(0.2)				<1
Beta-BHC	Max.,ug/L		ND(0.50)							ND(0.005)				<0.25
Beta-Endosulfan	Max.,ug/L		ND(0.02)							ND(0.005)				<0.02

Burbank Wastewater Treatment Facility
Annual Summary 2000

Parameter	001	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average
Bis(2-Chloroethoxy)Methane	Max.,ug/L		ND(10)							ND(2)				<6
Bis(2-Chloroethyl)Ether	Max.,ug/L		ND(10)							ND(2)				<6
Bis(2-Ethylhexyl)Phthalate	Max.,ug/L		ND(4)							92				<50
bis(2-Chloro-1-methylethyl) ether	Max.,ug/L		ND(10)							ND(2)				<6
Bromodichloromethane	Max.,ug/L		4.9	3.2						ND(0.5)				<3
Bromoform	Max.,ug/L		3.5	3.8						ND(1)				<3
Butyl Benzyl Phthalate	Max.,ug/L		ND(5)							ND(2)				<4
Cadmium ug/L	Max.,ug/L		ND(5)							ND(10)				<8
Carbon Tetrachloride	Max.,ug/L		ND(0.5)	ND(0.5)						ND(0.5)				ND(0.5)
Chlordane	Max.,ug/L		ND(0.2)							ND(0.005)				<0.2
Chloride	Max.,mg/L	137	112	161	127	146	120	100	131	116	118	94	123	124
Chlorine residual, Total	Max.,mg/L	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	2.5*	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	<0.3
Chlorobenzene (Monochlorobenzene)	Max.,ug/L		ND(0.5)	ND(0.5)						ND(0.5)				ND(0.5)
Chlorodibromomethane	Max.,ug/L		4.1	3.5						1.0				2.9
Chloroethane	Max.,ug/L		ND(0.5)	ND(1)						ND(0.5)				<1
Chloroform	Max.,ug/L		3.5	2.4						3.0				3.0
Chloromethane	Max.,ug/L		ND(1)	ND(1)						ND(1)				ND(1)
Chromium	Max.,ug/L		17							ND(10)				<14
Chrysene	Max.,ug/L		ND(5)							ND(2)				<4
Cobalt	Max.,ug/L		ND(2)							ND(50)				<26
Copper	Max.,ug/L		ND(29)							20				<25
Cyanide	Max.,mg/L		ND(5)							12				<9
Delta-BHC	Max.,ug/L		ND(0.02)							ND(0.005)				<0.02
Dibenzo(A,H)Anthracene (1,2,5,6-Dibe	Max.,ug/L		ND(10)							ND(3)				<7
Dieldrin	Max.,ug/L		ND(0.02)							ND(0.005)				<0.02
Diethyl Phthalate	Max.,ug/L		ND(5)							ND(2)				<4
Dimethyl Phthalate	Max.,ug/L		ND(5)							ND(2)				<4

Parameter	001	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average
Di-N-Butyl Phthalate	Max.,ug/L		ND(10)							ND(2)				<6
Di-N-Octyl Phthalate	Max.,ug/L		ND(10)							ND(2)				<6
Endosulfan Sulfate	Max.,ug/L		ND(0.02)							ND(0.005)				<0.01
Endrin Aldehyde	Max.,ug/L		ND(0.02)							ND(0.005)				<0.01
Endrin	Max.,ug/L		ND(0.01)							ND(0.005)				<0.01
Ethylbenzene	Max.,ug/L		ND(0.5)							ND(0.5)				ND(0.5)
Flow, MGD	Mo Avg	1.1	1.6	2.0	1.9	3.1	4.2	3.3	2.5	2.1	2.9	3.0	1.9	2.5
Flow, MGD	Mo Max	1.5	2.9	4.2	3.7	4.1	5.5	5.2	4.7	3.7	3.6	3.8	3.3	3.9
Flow, MGD	Mo.Min	0.8	0.4	ND(0.1)	0.2	1.6	2.5	1.7	1.3	1.4	2.0	2.2	0.2	<1.2
Fluoranthene	Max.,ug/L		ND(5)							ND(2)				<4
Fluorene	Max.,ug/L		ND(5)							ND(2)				<4
Gamma-BHC (Lindane)	Max.,ug/L		ND(0.02)							ND(0.005)				<0.02
Heptachlor	Max.,ug/L		ND(0.01)							ND(0.005)				<0.01
Heptachlor Epoxide	Max.,ug/L		ND(0.01)							ND(0.005)				<0.01
Hexachlorobenzene	Max.,ug/L		ND(5)							ND(2)				<4
Hexachlorobutadiene	Max.,ug/L		ND(10)							ND(2)				<6
Hexachlorocyclopentadiene	Max.,ug/L		ND(10)							ND(2)				<6
Hexachloroethane	Max.,ug/L		ND(5)							ND(2)				<4
Indeno(1,2,3-CD)Pyrene	Max.,ug/L		ND(10)							ND(2)				<6
Iron	Max.,ug/L	125	86	104	164	196	177	145	206	142	180	400	165	174
Isophorone	Max.,ug/L		ND(5)							ND(2)				<4
Lead	Max.,ug/L		ND(100)							ND(50)				<80
Manganese	Max.,ug/L	36	12	40	21	36	65	9	17	18	32	20	17	27
Mercury	Max.,ug/L		0.25							ND(0.2)				<0.25
Methyl Bromide	Max.,ug/L		ND(1)	ND(0.5)						ND(1)				<0.9
Methylene Blue(MBAS)	Max.,mg/L	0.2	0.3	0.2	0.2	0.2	0.2	0.1	0.1	0.2	0.2	0.1	0.4	0.2
Methylene Chloride	Max.,ug/L		3.4	2.3						9.3				5.0

Burbank Wastewater Treatment Facility
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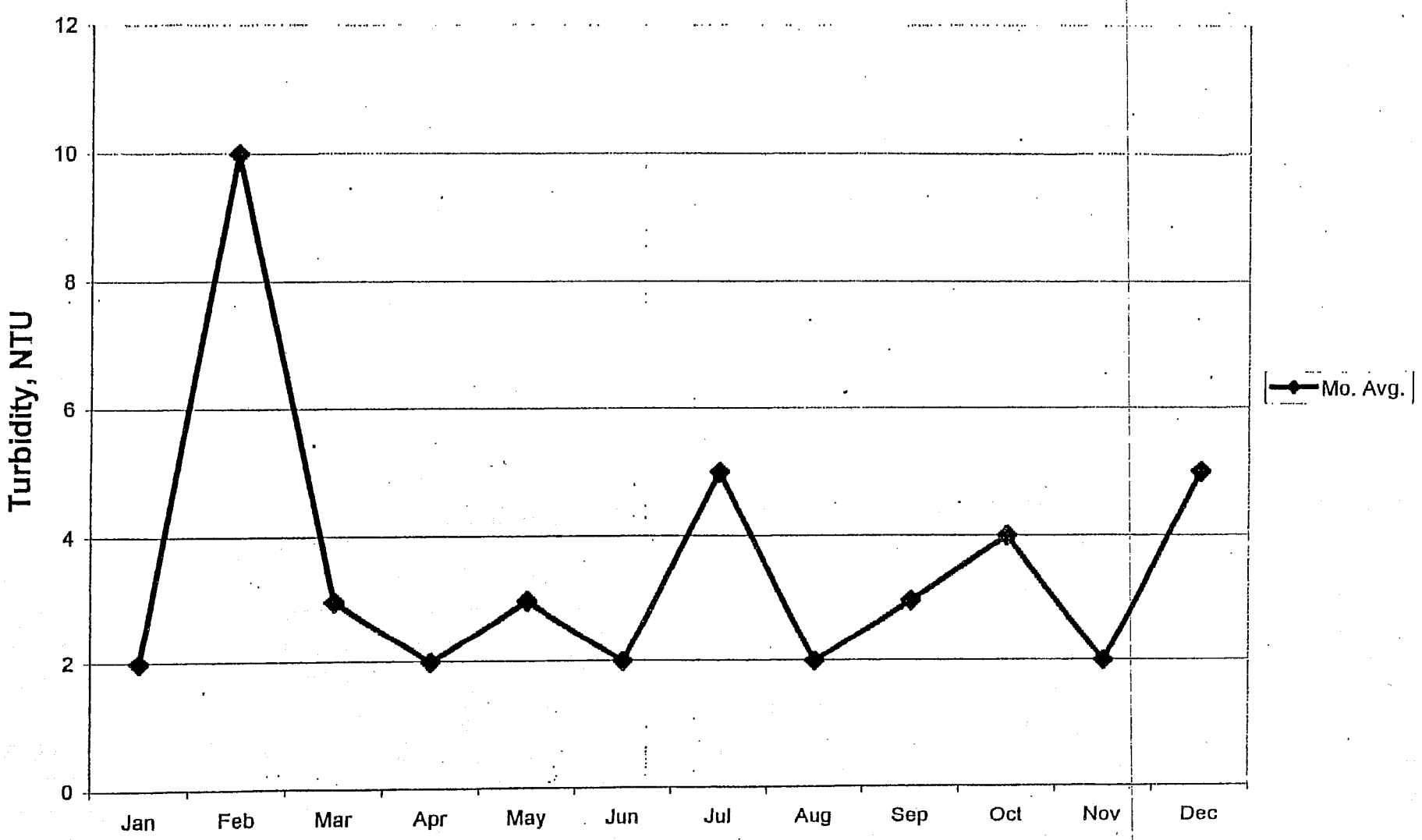
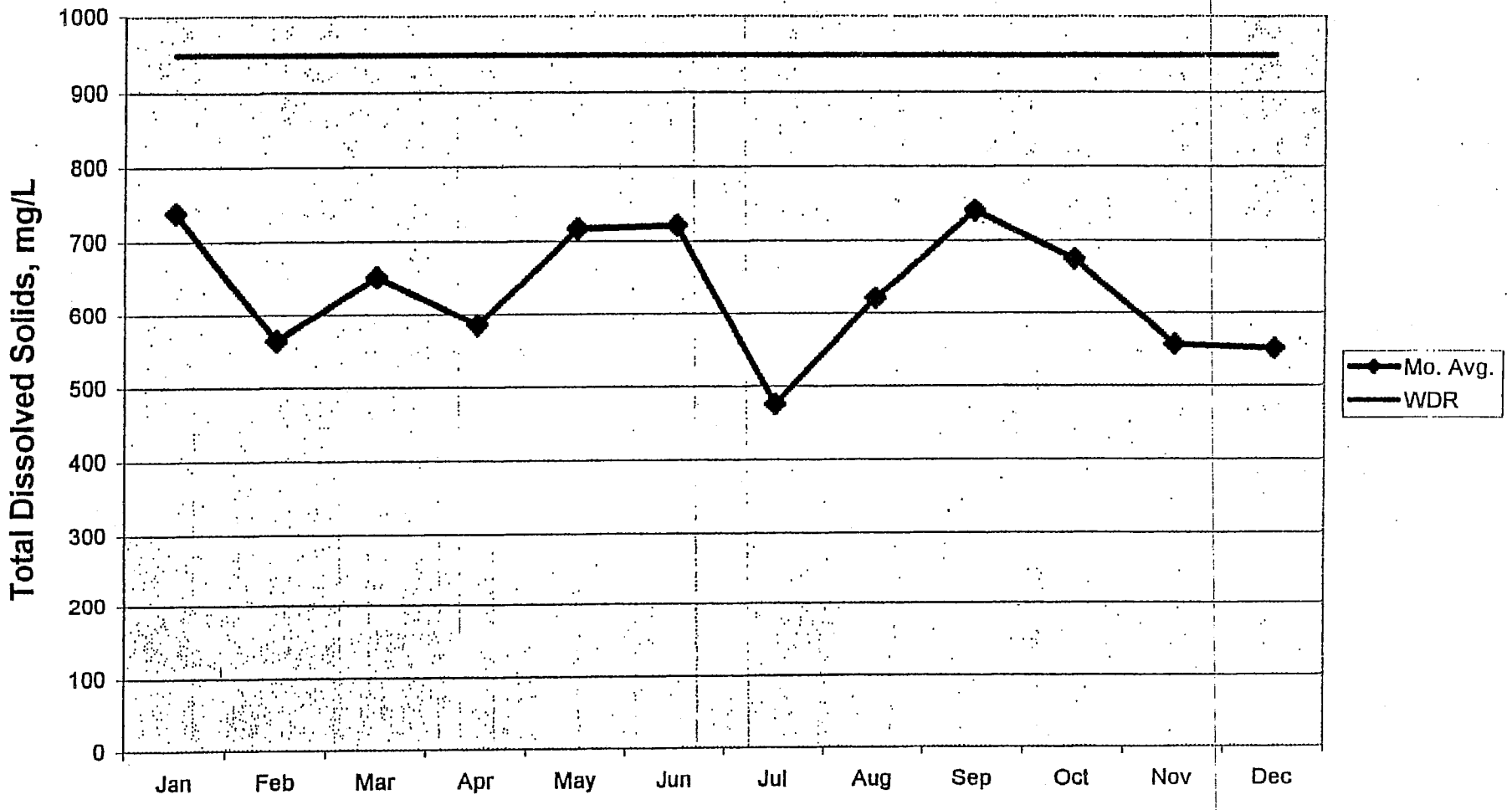
Parameter	001	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average
Naphthalene	Max.,ug/L		ND(5)							ND(2)				<4
Nickel	Max.,ug/L		ND(20)							20				<20
Nitrate + Nitrite Nitrogen as N	Mo.Max., mg/L	25	6	11	5	3	3	4	4	9	6	1	4	7
Nitrite as N	Mo.Max., mg/L	2	2	2	2	1	1	<1	<1	<1	<1	1	<1	<2
Nitrobenzene	Max.,ug/L		ND(5)							ND(2)				<4
N-Nitrosodimethylamine	Max.,ug/L		ND(5)							ND(2)				<4
N-Nitrosodi-N-Propylamine	Max.,ug/L		ND(5)							ND(2)				<4
N-Nitrosodiphenylamine	Max.,ug/L		ND(5)							ND(2)				<4
PCB-1016	Max.,ug/L		ND(0.5)							ND(0.2)				<0.4
PCB-1221	Max.,ug/L		ND(0.5)							ND(0.2)				<0.4
PCB-1232	Max.,ug/L		ND(0.5)							ND(0.2)				<0.4
PCB-1242	Max.,ug/L		ND(0.5)							ND(0.2)				<0.4
PCB-1248	Max.,ug/L		ND(0.5)							ND(0.2)				<0.4
PCB-1254	Max.,ug/L		ND(0.5)							ND(0.2)				<0.4
PCB-1260	Max.,ug/L		ND(0.5)							ND(0.2)				<0.4
Pentachlorophenol	Max.,ug/L		ND(20)							ND(10)				<15
Phenanthrene	Max.,ug/L		ND(5)							ND(2)				<4
Phenol	Max.,ug/L		ND(5)							ND(2)				<4
Pyrene	Max.,ug/L		ND(5)							ND(2)				<4
Radioactivity, Beta	Max.,pCi/L		15.3							16.9				16.1
Radioactivity Gross(alpha)	Max.,pCi/L		9							3				6
Selenium	Max.,ug/L		ND(5)							ND(2)				<4
Silver	Max.,ug/L		2.3							ND(50)				<27
Sulfate	Max.,mg/L	226	132	196	178	220	104	142	200	119	110	126	109	155
TCDD(2,3,7,8-TCDD)	Max.,ng/L		ND(0.07)							ND(0.01)				<0.04
Tetrachloroethylene	Max.,ug/L		ND(0.5)	ND(0.5)						1				<1
Thallium	Max.,ug/L		ND(1)							ND(10)				<6

Parameter	001	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average
Toluene	Max.,ug/L		ND(0.5)							ND(0.5)				ND(0.5)
Total Dissolved Solids	Max.,mg/L	739	565	'653	586	717	722	476	622	741	676	558	552	634
Toxaphene	Max.,ug/L		ND(0.5)							ND(2)				<2
Trichloroethylene	Max.,ug/L		ND(0.5)	ND(0.5)						ND(0.5)				ND(0.5)
Turbidity	NTU, Max.	2	10**	3	2	3	2	5	2	3	4	2	5	4
Vinyl Chloride	Max.,ug/L		ND(0.5)	ND(0.5)						ND(0.5)				ND(0.5)
Zn, ug/L	Max.,ug/L		81							100				91
	* Report footnote: "Chlorine Analyzer malfunction."													
	** Report footnote: "Stormwater runoff due to rain."													

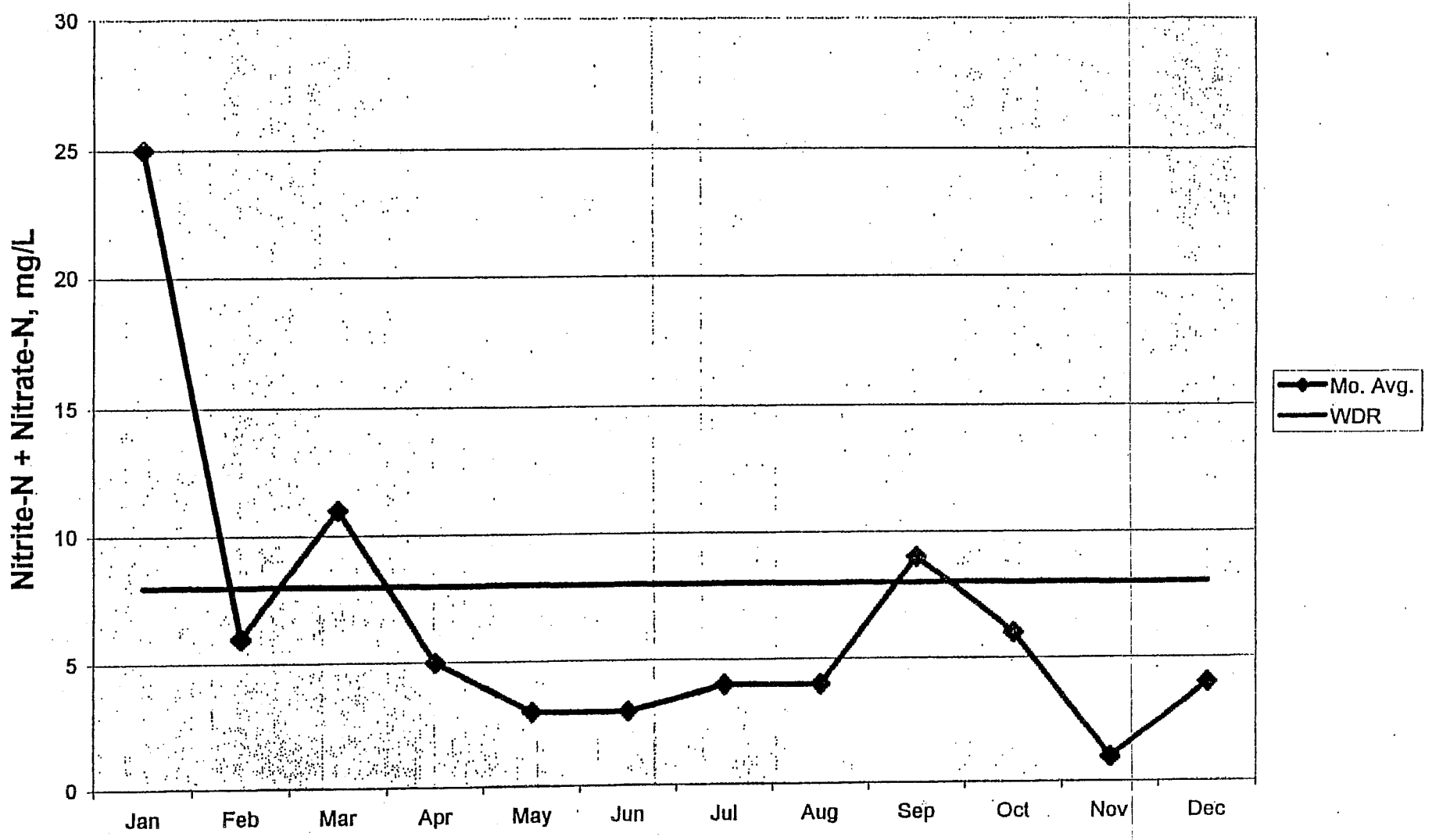
Burbank Wastewater Treatment Facility
001 Effluent - Annual Summary 2000



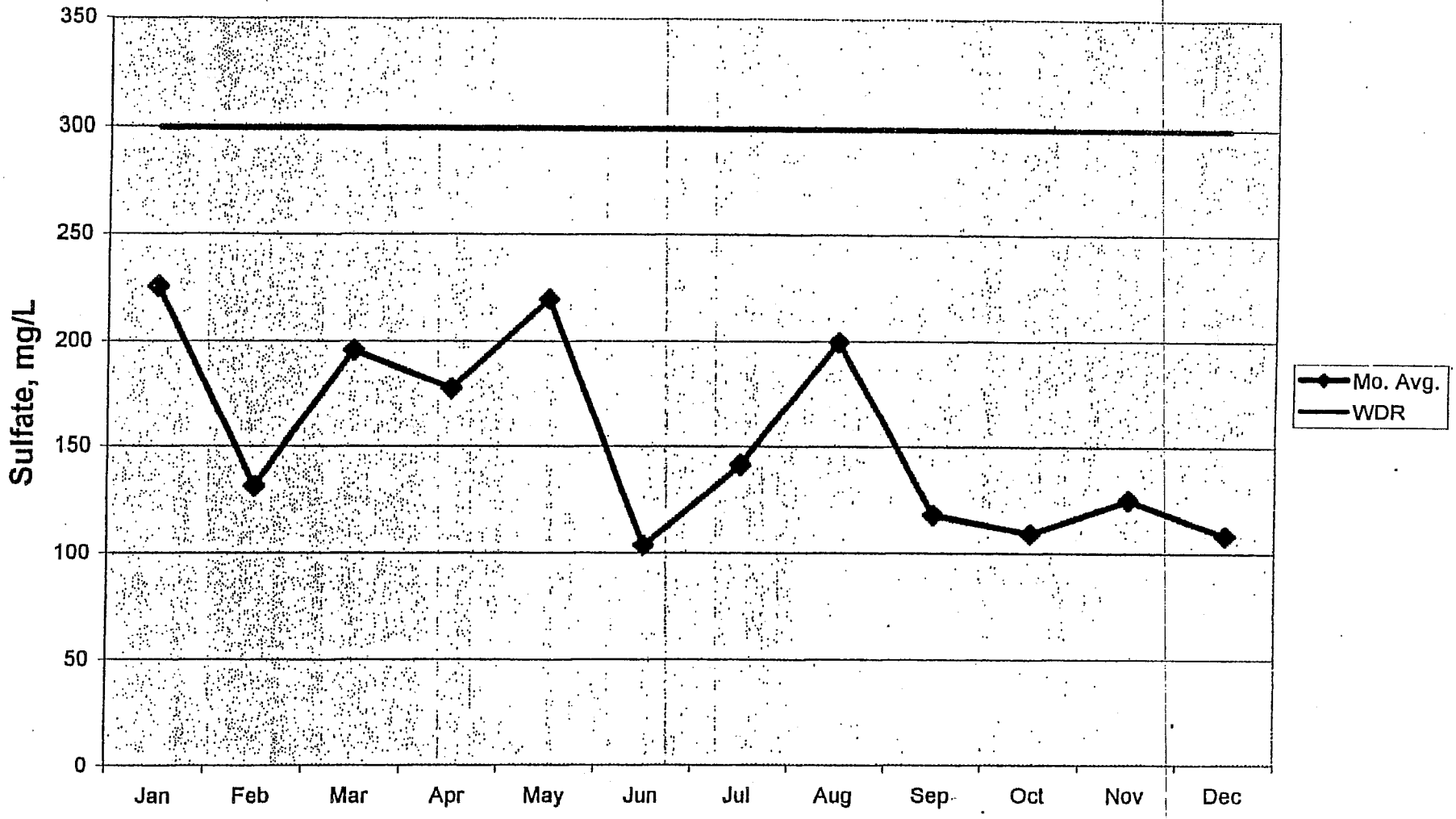
Burbank Wastewater Treatment Facility
001 Effluent - Annual Summary 2000



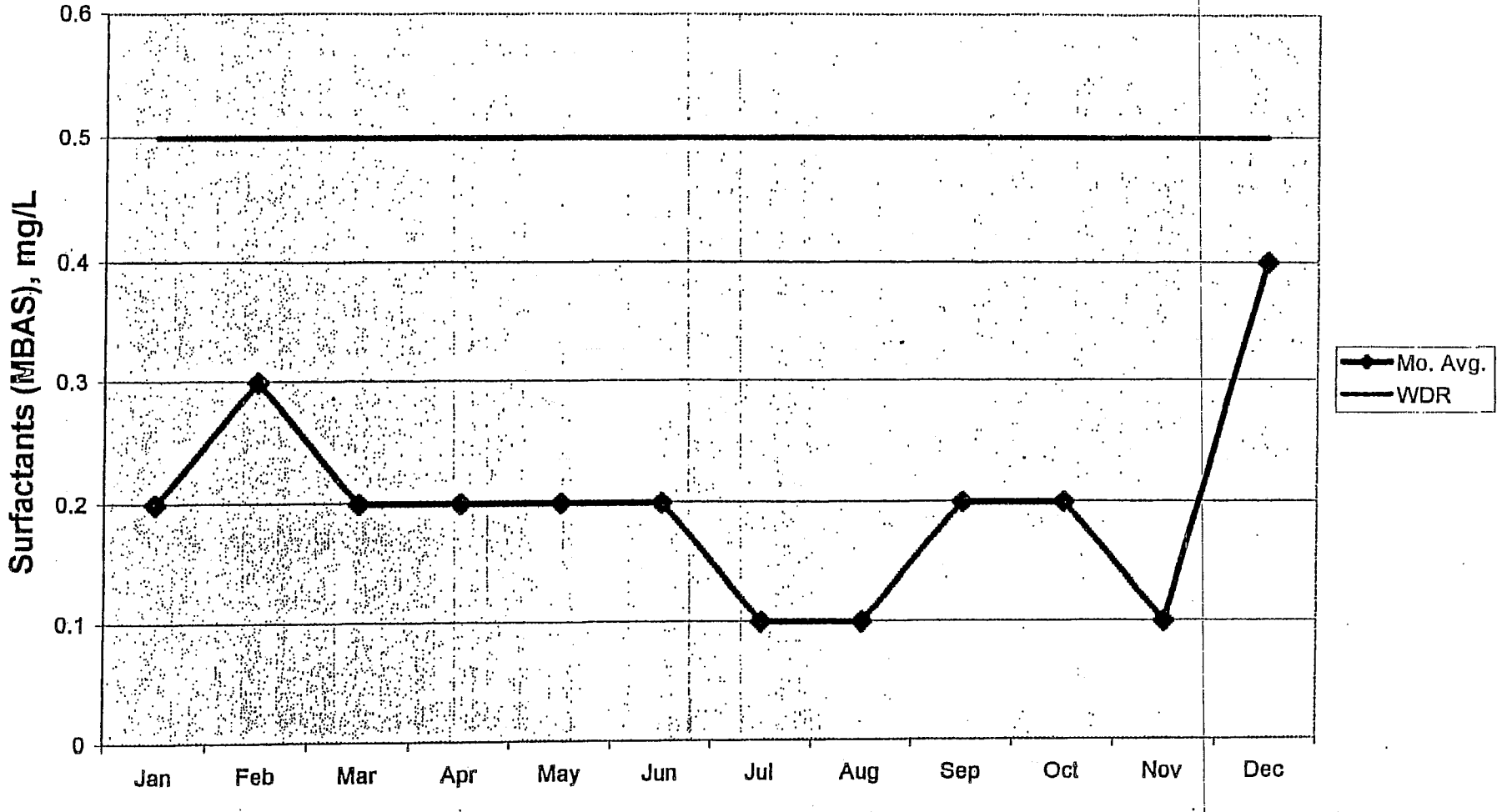
Burbank Wastewater Treatment Facility
001 Effluent - Annual Summary 2000



Burbank Wastewater Treatment Facility
001 Effluent - Annual Summary 2000



Burbank Wastewater Treatment Facility
001 Effluent - Annual Summary 2000



Burbank Wastewater Treatment Facility
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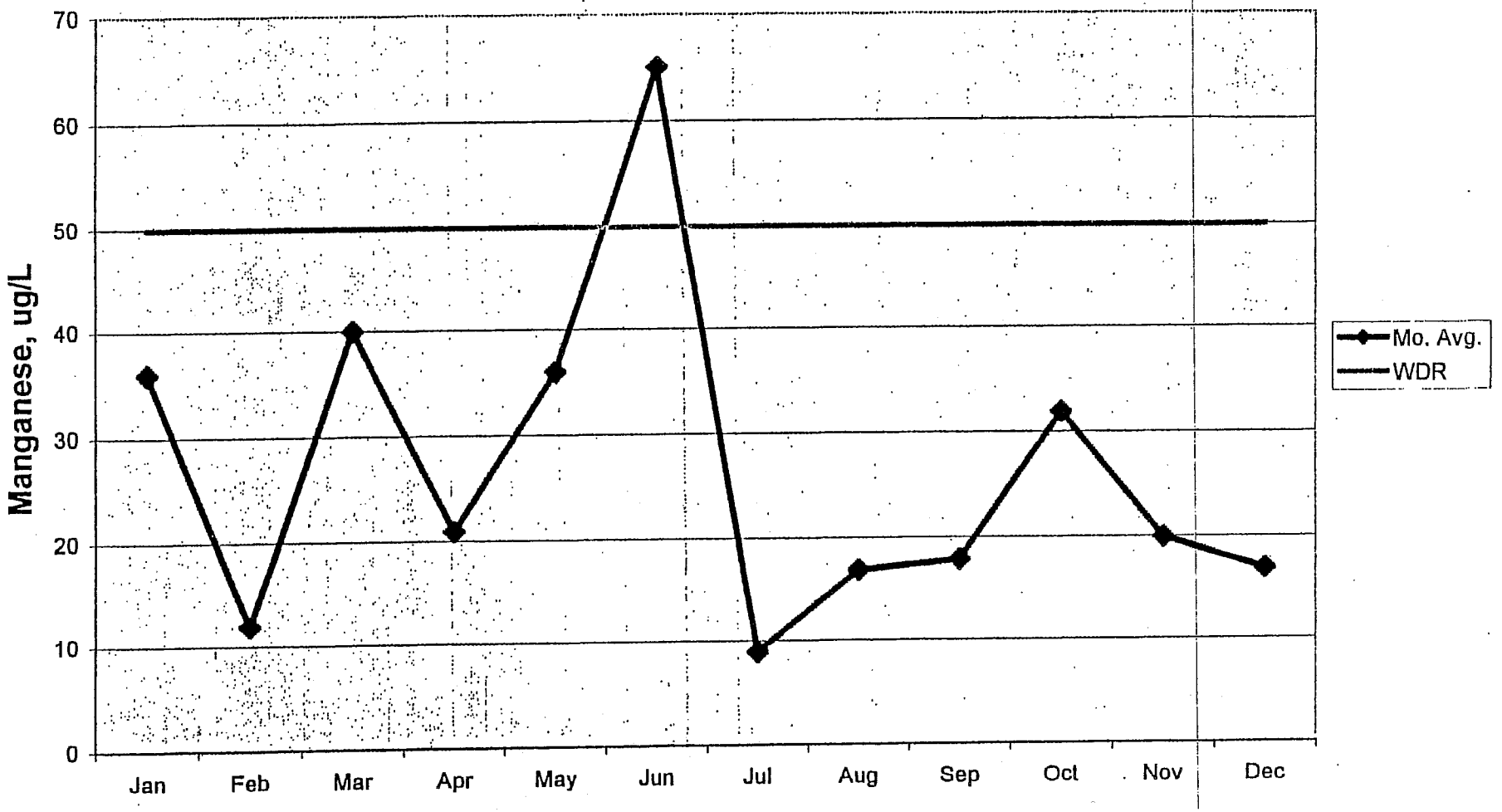
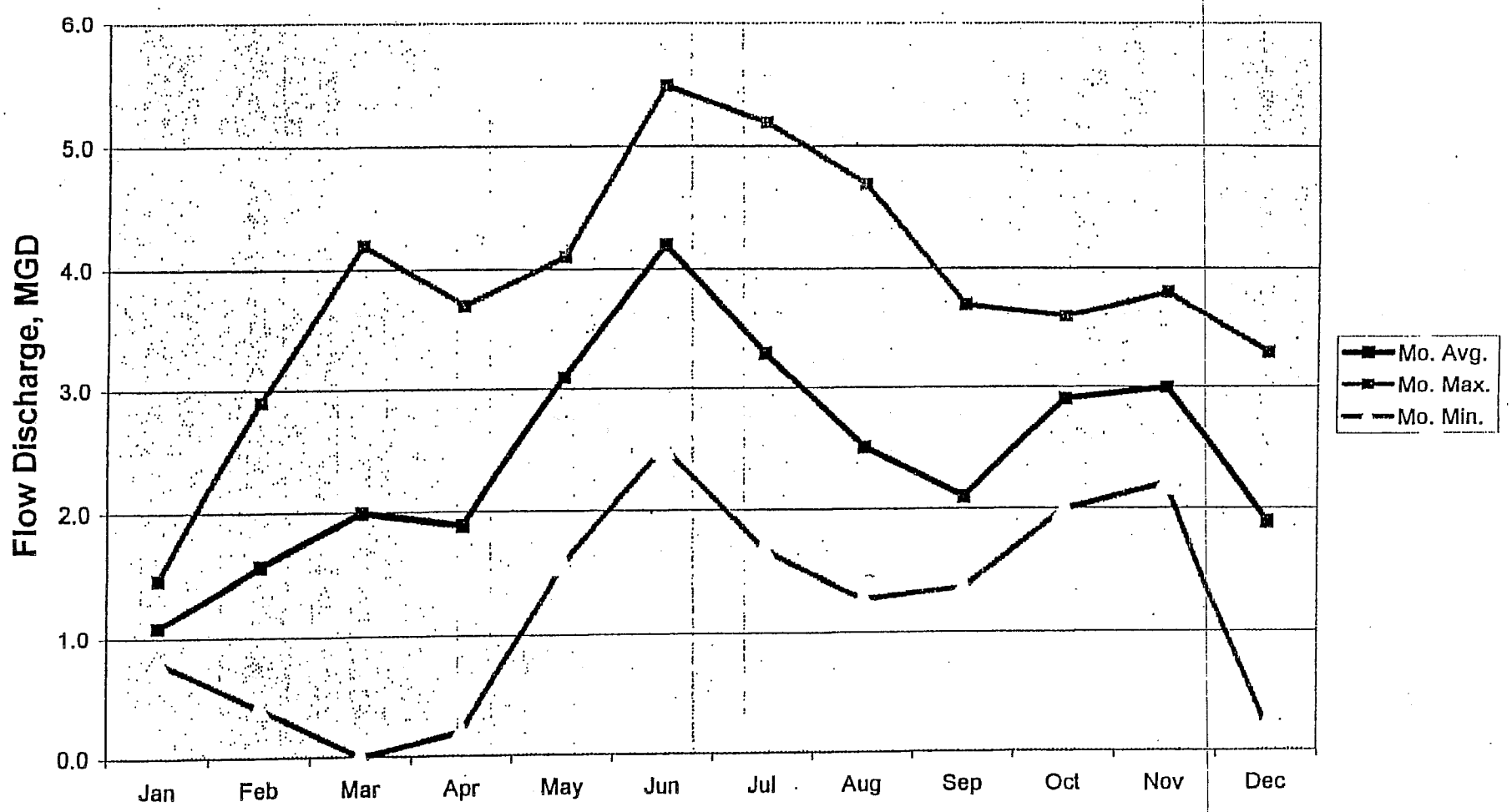
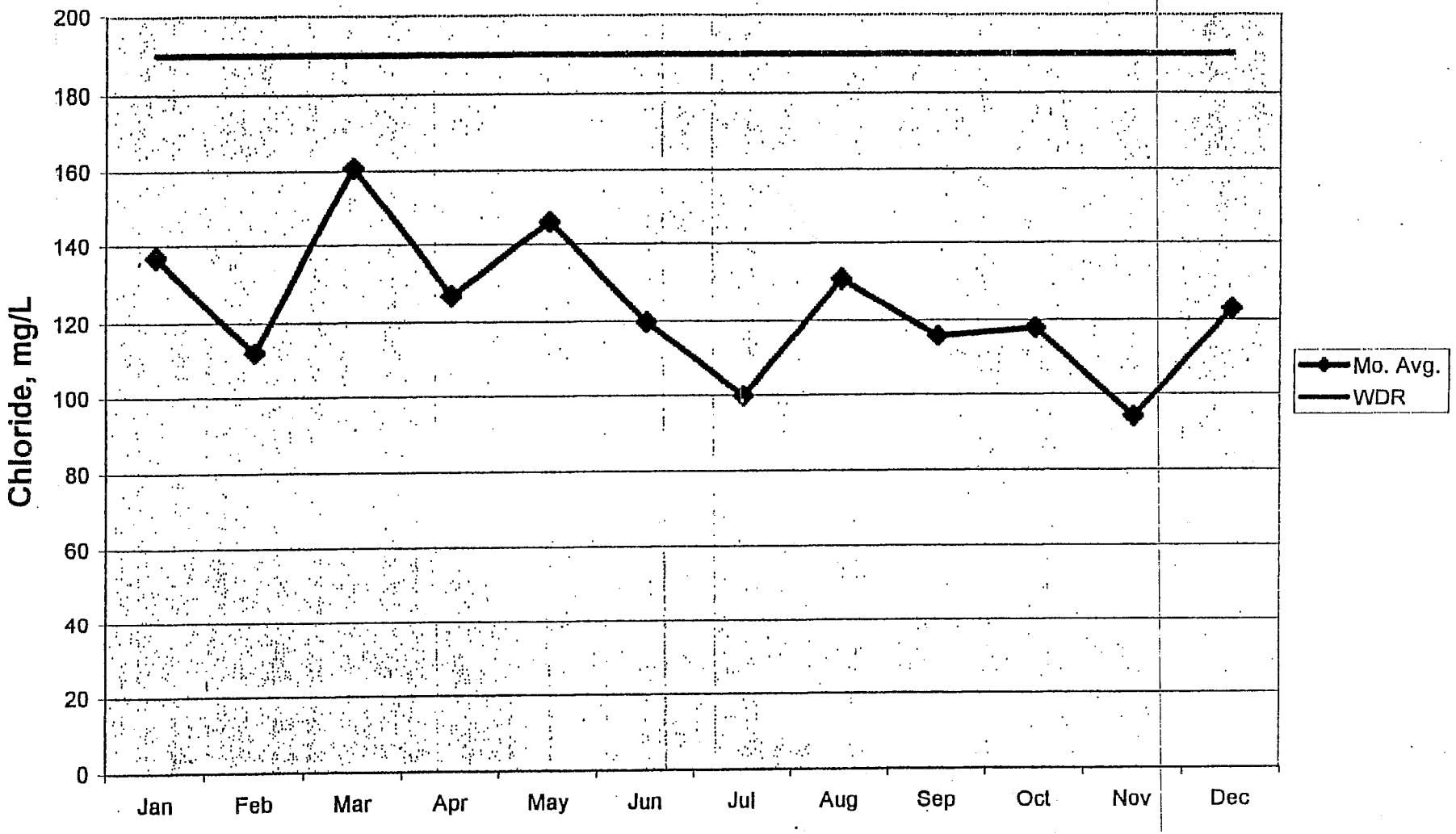


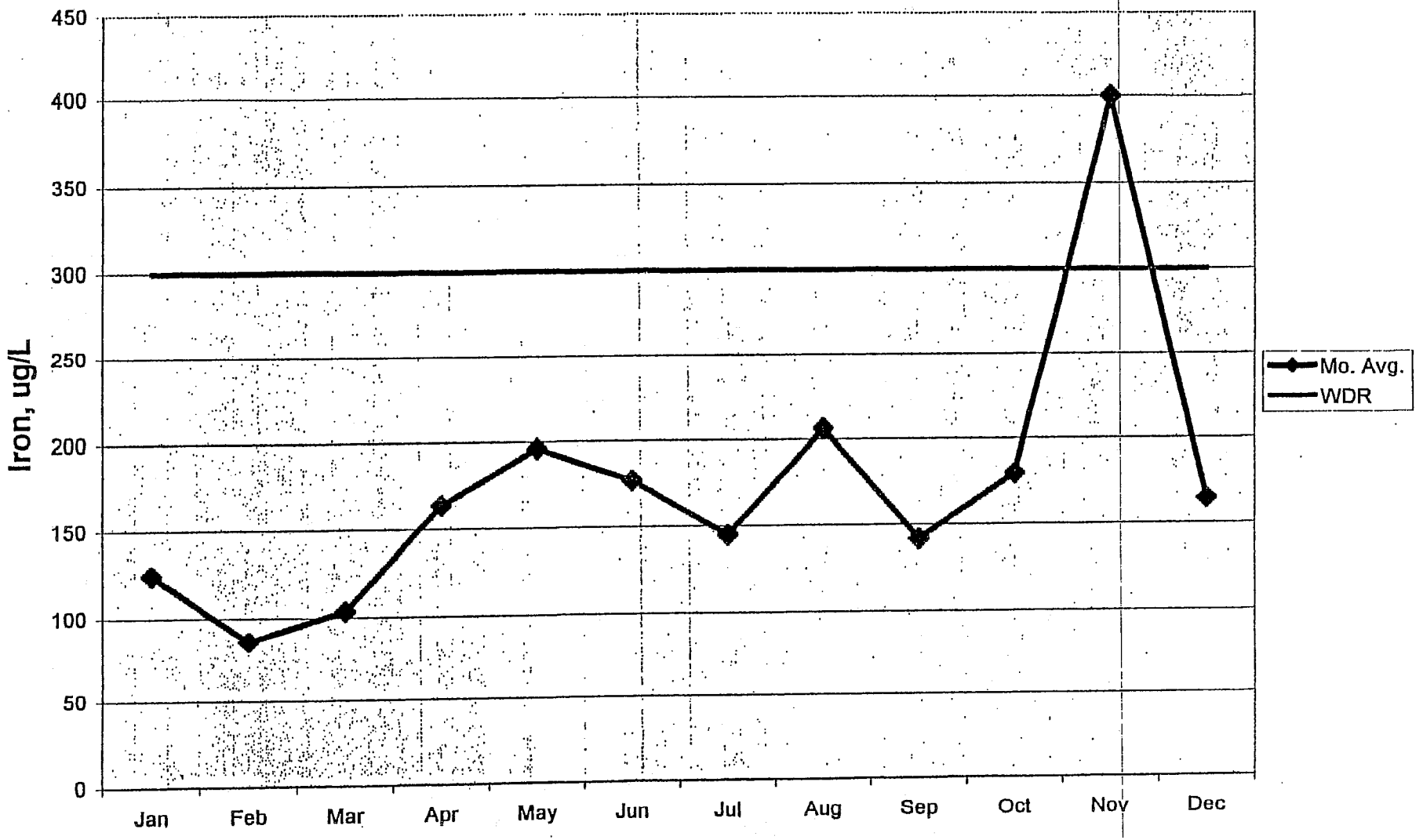
Burbank Wastewater Treatment Facility
001 Effluent - Annual Summary 2000



Burbank Wastewater Treatment Facility
001 Effluent - Annual Summary 2000



Burbank Wastewater Treatment Facility
001 Effluent - Annual Summary 2000



Section 2

UnitedWater

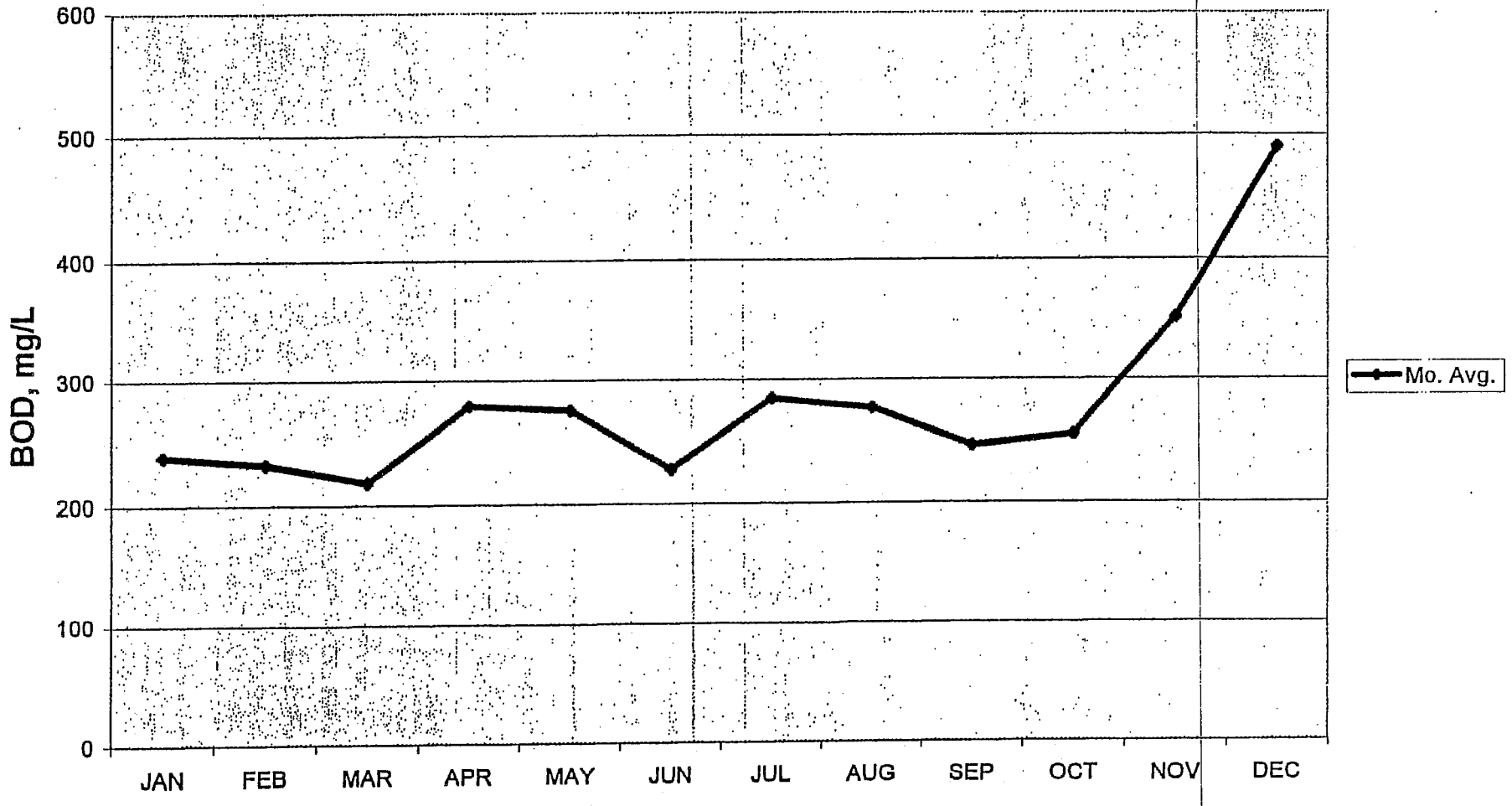
Parameter	Result Type	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Avg.
	Raw Influent													
Flow	MGD; Mo.Avg.	6.00	5.78	5.88	7.08	7.85	8.14	7.86	6.95	7.26	7.31	7.18	7.40	7.06
pH	Mo.Max., mg/L	8.3	8.3	8.3	8.1	8.3	8.4	8.3	8.2	8.3	8.4	8.5	8.5	8.3
pH	Mo. Min., mg/L	7.5	7.7	7.3	7.5	6.9	7.6	7.6	7.3	7.7	7.7	7.8	7.5	7.5
Suspended Solids	Mo.Max., mg/L	708	417	264	258	283	209	240	233	241	265	270	479	322
BOD	Mo.Max., mg/L	240	234	219	280	276	229	285	277	247.00	256	352	490	282
1,1,1-Trichloroethane	Mo.Max., ug/L			20										20
1,1,2,2-Tetrachloroethane	Mo.Max., ug/L			ND(3)										ND(3)
1,1,2-Trichloroethane	Mo.Max., ug/L			ND(3)										ND(3)
1,1-Dichloroethane	Mo.Max., ug/L			ND(3)										ND(3)
1,1-Dichloroethylene	Mo.Max., ug/L			ND(3)										ND(3)
1,2,4-Trichlorobenzene	Mo.Max., ug/L			ND(10)										ND(10)
1,2-Dichlorobenzene	Mo.Max., ug/L			ND(10)										ND(10)
1,2-Dichloroethane	Mo.Max., ug/L			ND(3)										ND(3)
1,2-Dichloropropane	Mo.Max., ug/L			ND(3)										ND(3)
1,2-Diphenylhydrazine	Mo.Max., ug/L			ND(10)										ND(10)
1,2-Trans-Dichloroethylene	Mo.Max., ug/L			ND(3)										ND(3)
1,3-Dichlorobenzene	Mo.Max., ug/L			ND(10)										ND(10)
1,3-Dichloropropylene	Mo.Max., ug/L			ND(3)										ND(3)
1,4-Dichlorobenzene	Mo.Max., ug/L			ND(10)										ND(10)
2,4,6-Trichlorophenol	Mo.Max., ug/L			ND(30)										ND(30)
2,4-Dichlorophenol	Mo.Max., ug/L			ND(10)										ND(10)
2,4-Dimethylphenol	Mo.Max., ug/L			ND(10)										ND(10)
2,4-Dinitrophenol	Mo.Max., ug/L			ND(50)										ND(50)
2,4-Dinitrotoluene	Mo.Max., ug/L			ND(10)										ND(10)
2,6-Dinitrotoluene	Mo.Max., ug/L			ND(10)										ND(10)
2-Chloroethylvinyl ether	Mo.Max., ug/L			ND(3)										ND(3)
2-Chloronaphthalene	Mo.Max., ug/L			ND(10)										ND(10)
2-Chlorophenol	Mo.Max., ug/L			ND(10)										ND(10)
2-Nitrophenol	Mo.Max., ug/L			ND(10)										ND(10)
3,3-Dichlorobenzidine	Mo.Max., ug/L			ND(30)										ND(30)
3-Methyl-4-Chlorophenol (P-Chloro-M-Cresol)	Mo.Max., ug/L			ND(30)										ND(30)
4,4"-DDT	Mo.Max., ug/L			ND(0.005)										ND(0.005)
4,4'-DDD	Mo.Max., ug/L			ND(0.005)										ND(0.005)
4,4'-DDE	Mo.Max., ug/L			ND(0.005)										ND(0.005)
4,6Dinitro-o-Cresol(4,6Dinitro-2-Methylphenol)	Mo.Max., ug/L			ND(50)										ND(50)
4-BromoPhenyl Phenyl Ether	Mo.Max., ug/L			ND(10)										ND(10)
4-ChloroPhenyl Phenyl Ether	Mo.Max., ug/L			ND(10)										ND(10)
4-Methylphenol (p-cresol)	Mo.Max., ug/L			45										45
4-Nitrophenol	Mo.Max., ug/L			ND(30)										ND(30)
Acenaphthene	Mo.Max., ug/L			ND(10)										ND(10)
Acenaphthylene	Mo.Max., ug/L			ND(10)										ND(10)
Acrolein	Mo.Max., ug/L			ND(10)										ND(10)
Acrylonitrile	Mo.Max., ug/L			ND(2)										ND(2)
Aldrin	Mo.Max., ug/L			ND(0.005)										ND(0.005)
Alpha-BHC	Mo.Max., ug/L			ND(0.005)										ND(0.005)
Alpha-Endosulfan	Mo.Max., ug/L			ND(0.005)										ND(0.005)
Anthracene	Mo.Max., ug/L			ND(10)										ND(10)
Antimony	Mo.Max., ug/L			ND(4)										ND(4)
Arsenic	Mo.Max., ug/L			ND(2)										ND(2)
Barium	Mo.Max., ug/L			87										87
Benzene	Mo.Max., ug/L			ND(3)										ND(3)
Benzidine	Mo.Max., ug/L			ND(100)										ND(100)

Parameter	Result Type	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Avg.
	Raw Influent													
Benzo(A)Anthracene	Mo.Max., ug/L			ND(10)										ND(10)
Benzo(A)Pyrene	Mo.Max., ug/L			ND(10)										ND(10)
Benzo(B)Fluoranthene	Mo.Max., ug/L			ND(10)										ND(10)
Benzo(GHI)Perylene (1,12-Benzoperylene)	Mo.Max., ug/L			ND(10)										ND(10)
Benzo(K)Fluoranthene	Mo.Max., ug/L			ND(10)										ND(10)
Beryllium	Mo.Max., ug/L			ND(0.2)										ND(0.2)
Beta-BHC	Mo.Max., ug/L			ND(0.005)										ND(0.005)
Beta-Endosulfan	Mo.Max., ug/L			ND(0.005)										ND(0.005)
bis(2-Chloro-1-methylethyl) ether	Mo.Max., ug/L			ND(10)										ND(10)
Bis(2-Chloroethoxy)methane	Mo.Max., ug/L			ND(10)										ND(10)
Bis(2-Chloroethyl)Ether	Mo.Max., ug/L			ND(10)										ND(10)
Bis(2-Ethylhexyl)Phthalate	Mo.Max., ug/L			81										81
Bromodichloromethane	Mo.Max., ug/L			ND(3)										ND(3)
Bromoform	Mo.Max., ug/L			ND(3)										ND(3)
Butyl Benzyl Phthalate	Mo.Max., ug/L			ND(10)										ND(10)
Cadmium	Mo.Max., ug/L			ND(10)										ND(10)
Carbon Tetrachloride	Mo.Max., ug/L			ND(3)										ND(3)
Chlordane	Mo.Max., ug/L			ND)(0.2)										ND)(0.2)
Chlorobenzene (Monochlorobenzene)	Mo.Max., ug/L			ND(3)										ND(3)
Chlorodibromomethane	Mo.Max., ug/L			ND(3)										ND(3)
Chloroethane	Mo.Max., ug/L			ND(3)										ND(3)
Chloroform	Mo.Max., ug/L			4.6										5
Chloromethane	Mo.Max., ug/L			ND(3)										ND(3)
Chromium	Mo.Max., ug/L			ND(10)										ND(10)
Chrysene	Mo.Max., ug/L			ND(10)										ND(10)
Cobalt	Mo.Max., ug/L			0.6										0.6
Copper	Mo.Max., ug/L			30										30
Cyanide	Mo.Max., mg/L			ND(20)										ND(20)
Delta-BHC	Mo.Max., ug/L			ND(0.005)										ND(0.005)
Dibenzo(A,H)Anthracene (1,2,5,6-	Mo.Max., ug/L			ND(20)										ND(20)
Dieldrin	Mo.Max., ug/L			ND(0,005)										ND(0,005)
Diethyl Phthalate	Mo.Max., ug/L			12										12
Dimethyl Phthalate	Mo.Max., ug/L			ND(10)										ND(10)
Di-N-Butyl Phthalate	Mo.Max., ug/L			ND(10)										ND(10)
Di-N-Octyl Phthalate [DEHP, Merck 1291]	Mo.Max., ug/L			ND(10)										ND(10)
Endosulfan Sulfate	Mo.Max., ug/L			ND(0.005)										ND(0.005)
Endrin	Mo.Max., ug/L			ND(0.005)										ND(0.005)
Endrin Aldehyde	Mo.Max., ug/L			ND(0.01)										ND(0.01)
Ethylbenzene	Mo.Max., ug/L			ND(3)										ND(3)
Fluoranthene	Mo.Max., ug/L			ND(10)										ND(10)
Fluorene	Mo.Max., ug/L			ND(10)										ND(10)
Gamma-BHC (Lindane)	Mo.Max., ug/L			ND(0,005)										ND(0.005)
Heptachlor	Mo.Max., ug/L			ND(0.005)										ND(0.005)
Heptachlor Epoxide	Mo.Max., ug/L			ND(0.005)										ND(0.005)
Hexachlorobenzene	Mo.Max., ug/L			ND(10)										ND(10)
Hexachlorobutadiene	Mo.Max., ug/L			ND(10)										ND(10)
Hexachlorocyclopentadiene	Mo.Max., ug/L			ND(10)										ND(10)
Hexachloroethane	Mo.Max., ug/L			ND(10)										ND(10)
Indeno(1,2,3-CD)Pyrene	Mo.Max., ug/L			ND(10)										ND(10)
Isophorone	Mo.Max., ug/L			ND(10)										ND(10)
Lead	Mo.Max., ug/L			ND)50)										ND)50)
Mercury	Mo.Max., ug/L			0.2										0.2

Burbank Wastewater Treatment Facility
Annual Summary 2000

Parameter	Result Type	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Avg.
	Raw Influent													
Methyl Bromide	Mo.Max., ug/L			ND(3)										ND(3)
Methylene Chloride	Mo.Max., ug/L			ND(5)										ND(5)
Naphthalene	Mo.Max., ug/L			ND(10)										ND(10)
Nickel	Mo.Max., ug/L			ND(10)										ND(10)
Nitrobenzene	Mo.Max., ug/L			ND(10)										ND(10)
N-Nitrosodimethylamine	Mo.Max., ug/L			ND(10)										ND(10)
N-Nitrosodi-N-Propylamine	Mo.Max., ug/L			ND(10)										ND(10)
N-Nitrosodiphenylamine	Mo.Max., ug/L			ND(10)										ND(10)
PCB-1016	Mo.Max., ug/L			ND(0.2)										ND(0.2)
PCB-1221	Mo.Max., ug/L			ND(0.2)										ND(0.2)
PCB-1232	Mo.Max., ug/L			ND(0.2)										ND(0.2)
PCB-1242	Mo.Max., ug/L			ND(0.2)										ND(0.2)
PCB-1248	Mo.Max., ug/L			ND(0.2)										ND(0.2)
PCB-1254	Mo.Max., ug/L			ND(0.2)										ND(0.2)
PCB-1260	Mo.Max., ug/L			ND(0.2)										ND(0.2)
Pentachlorophenol	Mo.Max., ug/L			ND(50)										ND(50)
Phenanthrene	Mo.Max., ug/L			ND(10)										ND(10)
Phenol	Mo.Max., ug/L			ND(10)										ND(10)
Pyrene	Mo.Max., ug/L			ND(10)										ND(10)
Selenium	Mo.Max., ug/L			ND(2)										ND(2)
Silver	Mo.Max., ug/L			70										70
TCDD	Mo.Max., ng/L			ND(0.0057)										ND(0.0057)
Tetrachloroethylene	Mo.Max., ug/L			8.7										8.7
Thallium	Mo.Max., ug/L			ND(1)										ND(1)
Toluene	Mo.Max., ug/L			3										3
Toxaphene	Mo.Max., ug/L			ND(0.2)										ND(0.2)
Trichloroethylene	Mo.Max., ug/L			3.8										3.8
Vinyl Chloride	Mo.Max., ug/L			ND(3)										ND(3)
Zinc	Mo.Max., ug/L			51										51

Burbank Wastewater Treatment Facility
Raw Influent - Annual Summary 2000



Burbank Wastewater Treatment Facility
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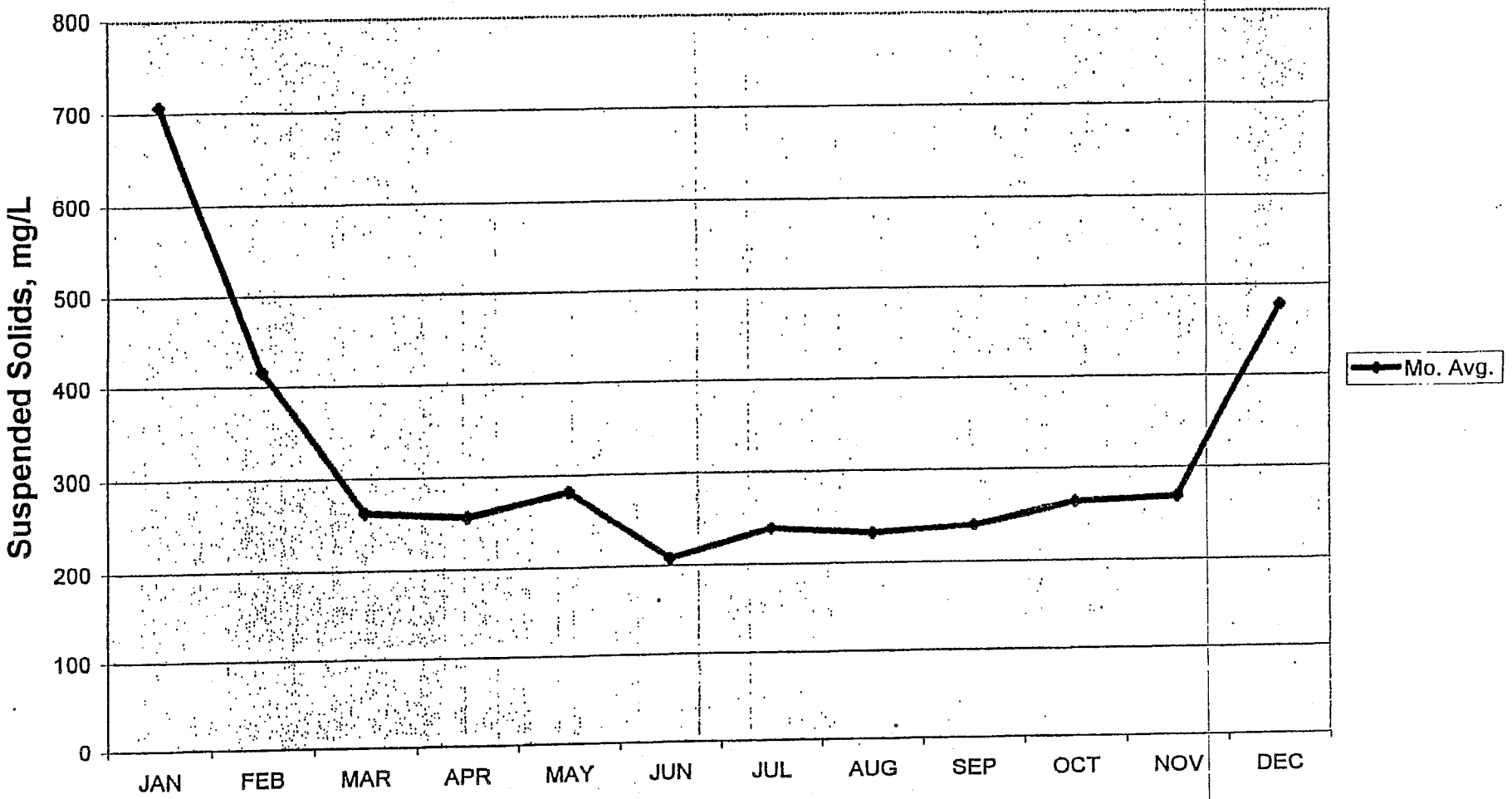

Burbank Wastewater Treatment Facility
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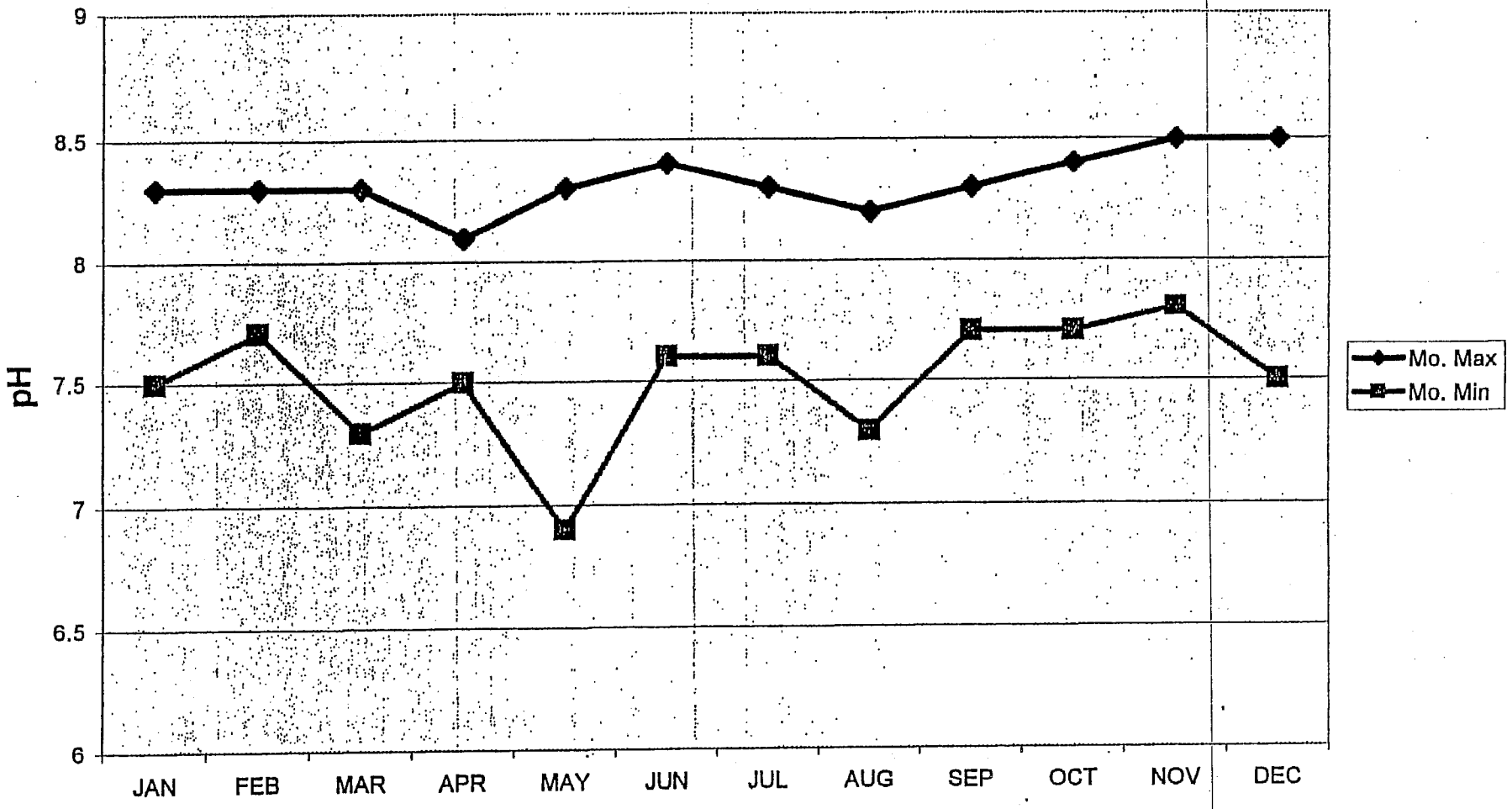

Burbank Wastewater Treatment Facility
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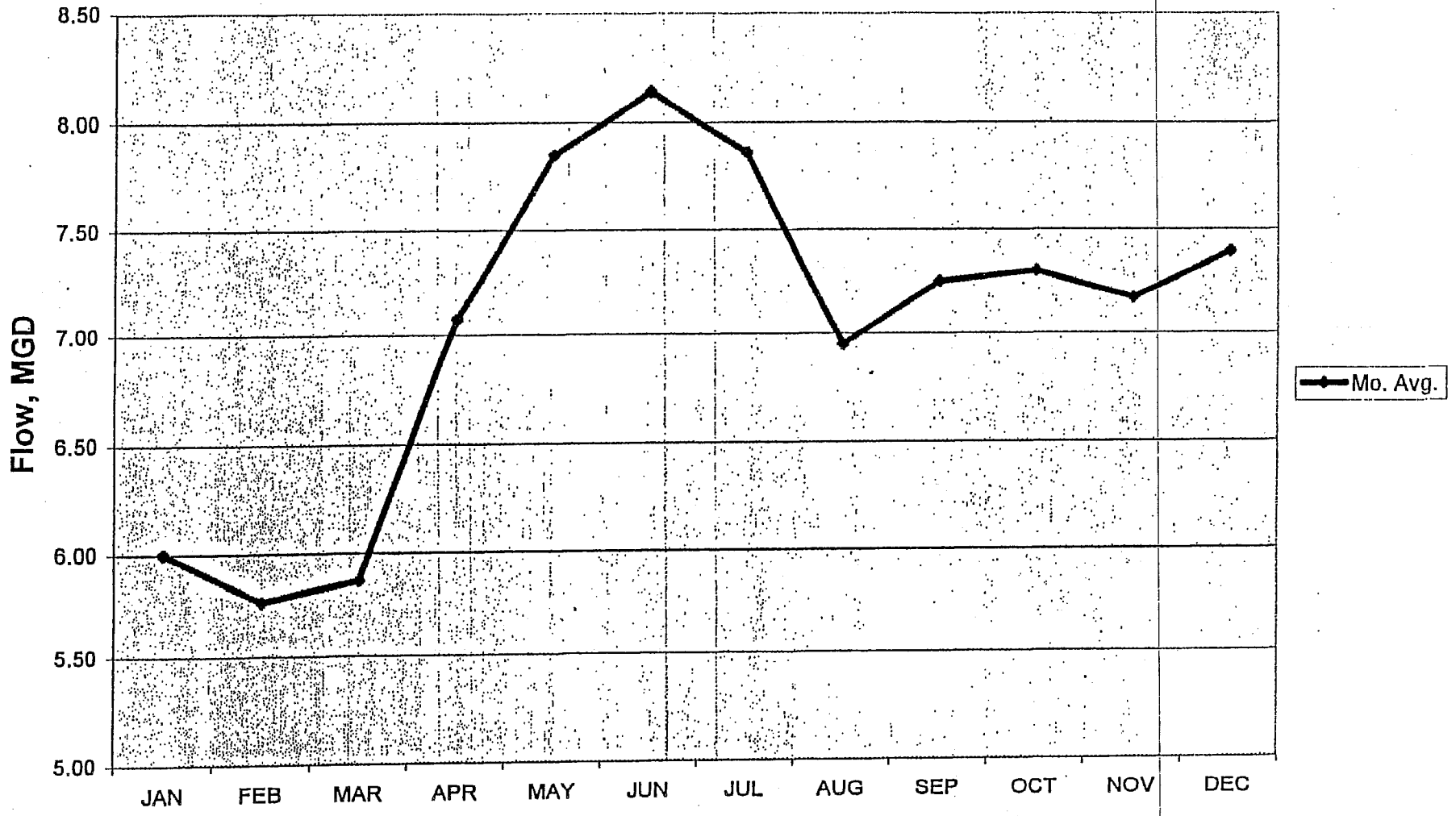


Section 3

United Water

Burbank Wastewater Treatment Facility

Receiving Waters - Annual Summary 2000

Parameter	Site	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average
1,12-Benzoperylene, ug/L	R-1 Ctrl		ND(10)						ND(2)					ND(2)
1,12-Benzoperylene, ug/L	R-2		ND(10)						ND(2)					ND(2)
1,12-Benzoperylene, ug/L	R-5		ND(10)						ND(2)					ND(2)
1,2-Benzanthracene, ug/L	R-1 Ctrl		ND(5)						ND(2)					ND(5)
1,2-Benzanthracene, ug/L	R-2		ND(5)						ND(2)					ND(5)
1,2-Benzanthracene, ug/L	R-5		ND(5)						ND(2)					ND(5)
2,4,6-Trichlorophenol, ug/L	R-1 Ctrl		ND(5)						ND(5)					ND(5)
2,4,6-Trichlorophenol, ug/L	R-2		ND(5)						ND(5)					ND(5)
2,4,6-Trichlorophenol, ug/L	R-5		ND(5)						ND(5)					ND(5)
2,4-Dichlorophenol, ug/L	R-1 Ctrl		ND(5)						ND(2)					ND(5)
2,4-Dichlorophenol, ug/L	R-2		ND(5)						ND(2)					ND(5)
2,4-Dichlorophenol, ug/L	R-5		ND(5)						ND(2)					ND(5)
2,4-Dimethylphenol, ug/L	R-1 Ctrl		ND(5)						ND(2)					ND(5)
2,4-Dimethylphenol, ug/L	R-2		ND(5)						ND(2)					ND(5)
2,4-Dimethylphenol, ug/L	R-5		ND(5)						ND(2)					ND(5)
2,4-Dinitrophenol, ug/L	R-1 Ctrl		ND(50)						ND(10)					ND(50)
2,4-Dinitrophenol, ug/L	R-2		ND(50)						ND(10)					ND(50)
2,4-Dinitrophenol, ug/L	R-5		ND(50)						ND(10)					ND(50)
2-Chlorophenol, ug/L	R-1 Ctrl		ND(5)						ND(2)					ND(5)
2-Chlorophenol, ug/L	R-2		ND(5)						ND(2)					ND(5)
2-Chlorophenol, ug/L	R-5		ND(5)						ND(2)					ND(5)
2-Methyl-4,6-Dinitrophenol, ug	R-1 Ctrl		ND(50)						ND(10)					ND(50)
2-Methyl-4,6-Dinitrophenol, ug	R-2		ND(50)						ND(10)					ND(50)
2-Methyl-4,6-Dinitrophenol, ug	R-5		ND(50)						ND(10)					ND(50)
2-Nitrophenol, ug/L	R-1 Ctrl		ND(5)						ND(2)					ND(5)
2-Nitrophenol, ug/L	R-2		ND(5)						ND(2)					ND(5)
2-Nitrophenol, ug/L	R-5		ND(5)						ND(2)					ND(5)
3,4-Benzofluoranthene, ug/L	R-1 Ctrl		ND(5)						ND(2)					ND(5)
3,4-Benzofluoranthene, ug/L	R-2		ND(5)						ND(2)					ND(5)
3,4-Benzofluoranthene, ug/L	R-5		ND(5)						ND(2)					ND(5)
3-Methyl-4-Chlorophenol, ug/L	R-1 Ctrl		ND(5)						ND(5)					ND(5)
3-Methyl-4-Chlorophenol, ug/L	R-2		ND(5)						ND(5)					ND(5)
3-Methyl-4-Chlorophenol, ug/L	R-5		ND(5)						ND(5)					ND(5)
4-Methylphenol, ug/L	R-1 Ctrl		ND(5)						ND(2)					ND(5)
4-Methylphenol, ug/L	R-2		ND(5)						ND(2)					ND(5)
4-Methylphenol, ug/L	R-5		ND(5)						ND(2)					ND(5)
4-Nitrophenol, ug/L	R-1 Ctrl		ND(10)						ND(5)					ND(10)

Parameter	Site	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average
4-Nitrophenol, ug/L	R-2		ND(10)						ND(5)					ND(10)
4-Nitrophenol, ug/L	R-5		ND(10)						ND(5)					ND(10)
Acenaphthylene, ug/L	R-1 Ctrl		ND(5)						ND(2)					ND(5)
Acenaphthylene, ug/L	R-2		ND(5)						ND(2)					ND(5)
Acenaphthylene, ug/L	R-5		ND(5)						ND(2)					ND(5)
Acute Tox., % Survival	R-1 Ctrl		80			80			85			100		88
Acute Tox., % Survival	R-2		70			0			0			0		<20
Acute Tox., % Survival	R-5		70			0			0			0		<20
Aldrin, ug/L	R-1 Ctrl		ND(0.02)						ND(0.005)					ND(0.02)
Aldrin, ug/L	R-2		ND(0.02)						ND(0.005)					ND(0.02)
Aldrin, ug/L	R-5		ND(0.02)						ND(0.005)					ND(0.02)
Ammonia-N, mg/L	R-1 Ctrl		ND(5)			ND(1)			0.8			0.1		<5
Ammonia-N, mg/L	R-2		13.8			18			15			25		18
Ammonia-N, mg/L	R-5		15			19			10			21		16
Anthracene, ug/L	R-1 Ctrl		ND(5)						ND(2)					ND(5)
Anthracene, ug/L	R-2		ND(5)						ND(2)					ND(5)
Anthracene, ug/L	R-5		ND(5)						ND(2)					ND(5)
As, ug/L	R-1 Ctrl		ND(5)			ND(2)			4.5			3.5		<5
As, ug/L	R-2		ND(5)			2			2.3			2		2
As, ug/L	R-5		ND(5)			ND(2)			2.7			1.7		<5
Benzo(k)fluoranthene, ug/L	R-1 Ctrl		ND(5)						ND(2)					ND(5)
Benzo(k)fluoranthene, ug/L	R-2		ND(5)						ND(2)					ND(5)
Benzo(k)fluoranthene, ug/L	R-5		ND(5)						ND(2)					ND(5)
Benzo(a)pyrene, ug/L	R-1 Ctrl		ND(5)						ND(2)					ND(5)
Benzo(a)pyrene, ug/L	R-2		ND(5)						ND(2)					ND(5)
Benzo(a)pyrene, ug/L	R-5		ND(5)						ND(2)					ND(5)
BOD, mg/L	R-1 Ctrl		4			4			5			9		8
BOD, mg/L	R-2		9			8			12			8		9
BOD, mg/L	R-5		3			9			13			13		10
Cd, ug/L	R-1 Ctrl		ND(5)			ND(10)			ND(10)			ND(10)		ND(10)
Cd, ug/L	R-2		ND(5)			ND(10)			ND(10)			ND(10)		ND(10)
Cd, ug/L	R-5		ND(5)			ND(10)			ND(10)			ND(10)		ND(10)
Chlordane, ug/L	R-1 Ctrl		ND(0.2)						ND(0.2)					ND(0.2)
Chlordane, ug/L	R-2		ND(0.2)						ND(0.2)					ND(0.2)
Chlordane, ug/L	R-5		ND(0.2)						ND(0.2)					ND(0.2)
Chloride, mg/L	R-1 Ctrl		55			342			185			58		160
Chloride, mg/L	R-2		102			165			140			94		123

Burbank Wastewater Treatment Facility

Receiving Waters - Annual Summary 2000

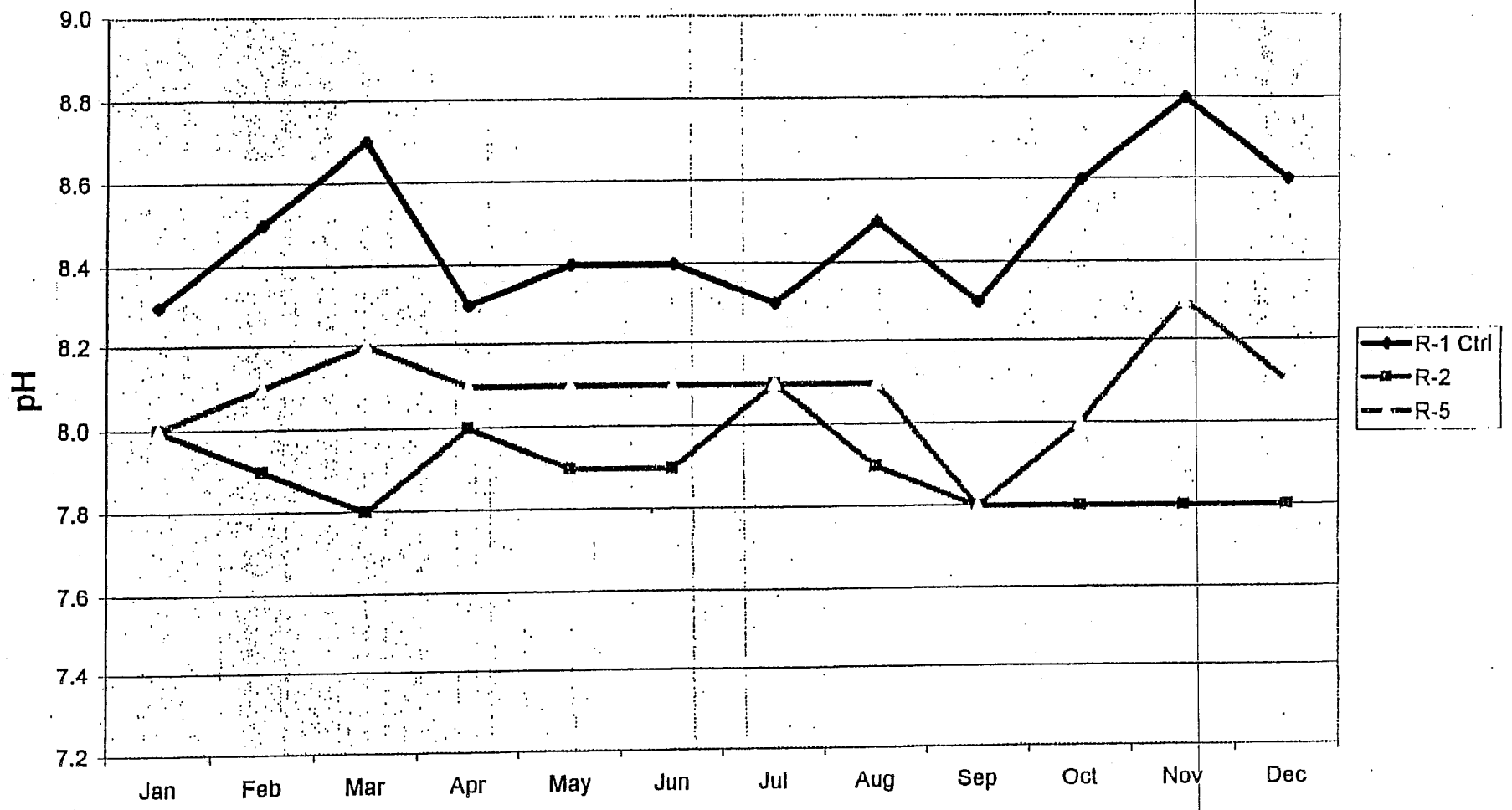
Parameter	Site	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average
Chloride, mg/L	R-5		100			146			152			94		123
Chlorine resid.,total, mg/L	R-1 Ctrl	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Chlorine resid.,total, mg/L	R-2	<0.1	<0.1	<1.1	<0.6	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<1.2	<0.3
Chlorine resid.,total, mg/L	R-5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.8	<0.2
Chronic Tox., Survival,Tuc	R-1 Ctrl		1.79			5.56			5.56			1.00		>1.00
Chronic Tox., Survival,Tuc	R-2		1.79			1.79			1.00			1.00		>1.00
Chronic Tox., Survival,Tuc	R-5		1.79			1.00			1.00			1.00		>1.00
Chrysene, ug/L	R-1 Ctrl		ND(5)						ND(2)					ND(5)
Chrysene, ug/L	R-2		ND(5)						ND(2)					ND(5)
Chrysene, ug/L	R-5		ND(5)						ND(2)					ND(5)
Coliform, total, MPN/100mL	R-1 Ctrl	>=1600	>=1600	>=1600	>=1600	>=1600	>=1600	>=1600	>=1600	>=1600	>=1600	>=1600	>=1206	>=1570
Coliform, total, MPN/100mL	R-2	>=1600	>=1600	>=1140	>=1085	>=1600	>=1600	>=1600	>=1600	>=1425	>=1220	>=1085	>=1260	>=1400
Coliform, total, MPN/100mL	R-5	>=1600	>=1600	>=1340	>=1600	>=1600	>=1600	>=1600	>=1600	>=1600	>=1600	>=1600	>=1200	>=1540
Conductivity, umhos/cm	R-1 Ctrl		677			1485			1214			803		1045
Conductivity, umhos/cm	R-2		1030			1232			1177			1078		1129
Conductivity, umhos/cm	R-5		1040			1225			1301			1098		1166
Cr, ug/L	R-1 Ctrl		ND(10)			ND(10)			20			ND(10)		<20
Cr, ug/L	R-2		ND(10)			ND(10)			ND(10)			ND(10)		ND(10)
Cr, ug/L	R-5		ND(10)			ND(10)			ND(10)			ND(10)		ND(10)
Cu, ug/L	R-1 Ctrl		15			20			150			10		49
Cu, ug/L	R-2		23			20			10			10		16
Cu, ug/L	R-5		31			10			20			10		18
Cyanide, mg/L	R-1 Ctrl		ND(5)			ND(0.02)			ND(0.02)			ND(0.02)		ND(5)
Cyanide, mg/L	R-2		7			0.025			0.02			ND(0.02)		<7
Cyanide, mg/L	R-5		14			0.023			0.04			ND(0.02)		<14
Dibenzo[ah]anthracene, ug/L	R-1 Ctrl		ND(10)						ND(3)					ND(10)
Dibenzo[ah]anthracene, ug/L	R-2		ND(10)						ND(3)					ND(10)
Dibenzo[ah]anthracene, ug/L	R-5		ND(10)						ND(3)					ND(10)
Dieldrin, ug/L	R-1 Ctrl		ND(0.02)						ND(0.005)					ND(0.02)
Dieldrin, ug/L	R-2		ND(0.02)						ND(0.005)					ND(0.02)
Dieldrin, ug/L	R-5		ND(0.02)						ND(0.005)					ND(0.02)
Dissolved Oxygen, mg/L	R-1 Ctrl	10.3	11	10.5	9.6	9.4	8.4	8.7	8.5	8.4	9.4	12.2	11.8	9.9
Dissolved Oxygen, mg/L	R-2	9.1	9.4	9.2	7.2	8.7	8	8.2	8.1	7.9	8.4	9.4	9.4	8.6
Dissolved Oxygen, mg/L	R-5	9.4	9.6	10.5	9.3	9.5	8.7	8.7	8.6	7.7	8.5	10.8	9.8	9.3
Endrin, ug/L	R-1 Ctrl		ND(0.01)						ND(0.005)					ND(0.02)
Endrin, ug/L	R-2		ND(0.01)						ND(0.005)					ND(0.02)
Endrin, ug/L	R-5		ND(0.01)						ND(0.005)					ND(0.02)

Parameter	Site	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average
Fluorene, ug/L	R-1 Ctrl		ND(5)						ND(2)					ND(5)
Fluorene, ug/L	R-2		ND(5)						ND(2)					ND(5)
Fluorene, ug/L	R-5		ND(5)						ND(2)					ND(5)
Hardness, total, mg/L	R-1 Ctrl		226			395			547			316		371
Hardness, total, mg/L	R-2		191			323			275			241		268
Hardness, total, mg/L	R-5		228			266			337			250		270
Hg, ug/L	R-1 Ctrl		ND(0.2)			ND(0.2)			ND(0.2)			ND(0.2)		ND(0.2)
Hg, ug/L	R-2		ND(0.2)			ND(0.2)			ND(0.2)			ND(0.2)		ND(0.2)
Hg, ug/L	R-5		ND(0.2)			ND(0.2)			ND(0.2)			ND(0.2)		ND(0.2)
Indeno[1,2,3-cd] pyrene, ug/L	R-1 Ctrl		ND(10)						ND(2)					ND(10)
Indeno[1,2,3-cd] pyrene, ug/L	R-2		ND(10)						ND(2)					ND(10)
Indeno[1,2,3-cd] pyrene, ug/L	R-5		ND(10)						ND(2)					ND(10)
Lindane(HCH), ug/L	R-1 Ctrl		ND(0.02)						ND(0.005)					ND(0.02)
Lindane(HCH), ug/L	R-2		ND(0.02)						ND(0.005)					ND(0.02)
Lindane(HCH), ug/L	R-5		ND(0.02)						ND(0.005)					ND(0.02)
MBAS, mg/L	R-1 Ctrl		0.3			0.2			0.5			0.2		0.3
MBAS, mg/L	R-2		0.2			0.2			0.2			0.2		0.2
MBAS, mg/L	R-5		0.5			0.2			0.3			0.2		0.3
MTBE, ug/L	R-1 Ctrl		0.89			0.94			ND(0.5)			3.2		<2
MTBE, ug/L	R-2		0.69			0.57			ND(0.5)			0.9		<1
MTBE, ug/L	R-5		1.10			0.51			ND(0.5)			1		<1
Ni, ug/L	R-1 Ctrl		ND(20)			ND(10)			20			ND(10)		ND(20)
Ni, ug/L	R-2		ND(20)			ND(10)			ND(10)			10		ND(20)
Ni, ug/L	R-5		ND(20)			ND(10)			ND(10)			10		ND(20)
Nitrate-N, mg/L	R-1 Ctrl		1.89			0.45			0.56			2		1.2
Nitrate-N, mg/L	R-2		2.96			1.8			3.22			0.4		2.1
Nitrate-N, mg/L	R-5		2.99			1.34			5.51			0.6		2.6
Nitrite-N, mg/L	R-1 Ctrl		ND(0.10)			0.07			0.07			0.07		<0.10
Nitrite-N, mg/L	R-2		2.65			0.56			0.66			0.21		1.02
Nitrite-N, mg/L	R-5		2.52			0.53			1.00			0.39		1.11
Oil & Grease, mg/L	R-1 Ctrl		ND(3)			ND(2)			5			ND(5)		<5
Oil & Grease, mg/L	R-2		ND(3)			ND(2)			2			ND(5)		<5
Oil & Grease, mg/L	R-5		ND(3)			ND(2)			2			ND(5)		<5
Organic-N, mg/L	R-1 Ctrl		0.6			2.3			7			0.7		3
Organic-N, mg/L	R-2		0.7			ND(2.5)			ND(1)			ND(25)		<25
Organic-N, mg/L	R-5		ND(0.2)			ND(2.5)			3			ND(2.5)		<3
Pb, ug/L	R-1 Ctrl		ND(100)			ND(50)			ND(50)			ND(5)		<100

Parameter	Site	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average
Pb, ug/L	R-2		ND(100)			ND(50)			ND(50)			ND(5)		<100
Pb, ug/L	R-5		ND(100)			ND(50)			ND(50)			ND(5)		<100
Pentachlorophenol, ug/L	R-1 Ctrl		ND(20)						ND(10)					ND(20)
Pentachlorophenol, ug/L	R-2		ND(20)						ND(10)					ND(20)
Pentachlorophenol, ug/L	R-5		ND(20)						ND(10)					ND(20)
pH	R-1 Ctrl	8.3	8.5	8.7	8.3	8.4	8.4	8.3	8.5	8.3	8.6	8.8	8.6	8.5
pH	R-2	8.0	7.9	7.8	8.0	7.9	7.9	8.1	7.9	7.8	7.8	7.8	7.8	7.9
pH	R-5	8.0	8.1	8.2	8.1	8.1	8.1	8.1	8.1	7.8	8.0	8.3	8.1	8.1
Phenanthrene, ug/L	R-1 Ctrl		ND(5)						ND(2)					ND(5)
Phenanthrene, ug/L	R-2		ND(5)						ND(2)					ND(5)
Phenanthrene, ug/L	R-5		ND(5)						ND(2)					ND(5)
Phenol, ug/L	R-1 Ctrl		ND(5)						ND(2)					ND(5)
Phenol, ug/L	R-2		ND(5)						ND(2)					ND(5)
Phenol, ug/L	R-5		ND(5)						ND(2)					ND(5)
Phosphate(P), total, mg/L	R-1 Ctrl		0.1			0.3			2.5			0.3		0.8
Phosphate(P), total, mg/L	R-2		0.2			2.7			1.2			2.8		1.7
Phosphate(P), total, mg/L	R-5		2.6			2.6			2.3			2.8		2.6
Pyrene, ug/L	R-1 Ctrl		ND(5)						ND(2)					ND(5)
Pyrene, ug/L	R-2		ND(5)						ND(2)					ND(5)
Pyrene, ug/L	R-5		ND(5)						ND(2)					ND(5)
Sulfate, mg/L	R-1 Ctrl		136			179			142			117		144
Sulfate, mg/L	R-2		109			173			187			112		145
Sulfate, mg/L	R-5		111			149			234			104		150
Temperature, F	R-1 Ctrl	53	48	59	63	61	62	66	68	61	59	56	52	59
Temperature, F	R-2	62	57	66	70	66	69	68	72	70	70	65	64	67
Temperature, F	R-5	58	53	63	70	64	67	66	70	66	66	60	58	63
TOC, mg/L	R-1 Ctrl		7			12			25			9		13
TOC, mg/L	R-2		7			15			15			9		11
TOC, mg/L	R-5		8			15			14			14		13
Total Dissolved Solids, mg/L	R-1 Ctrl		420			892			746			499		639
Total Dissolved Solids, mg/L	R-2		493			696			650			545		596
Total Dissolved Solids, mg/L	R-5		430			651			745			571		599
Total N, (TKN), mg/L	R-1 Ctrl		0.6			2.5			<8			0.8		<8
Total N, (TKN), mg/L	R-2		14.5			18			<16			25		<25
Total N, (TKN), mg/L	R-5		13.5			20			13			21		<21
Toxaphene, ug/L	R-1 Ctrl		ND(0.5)											ND(0.5)
Toxaphene, ug/L	R-2		ND(0.5)											ND(0.5)

Parameter	Site	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average
Toxaphene, ug/L	R-5		ND(0.5)											ND(0.5)
Turbidity, NTU	R-1 Ctrl		9.4			3.2			24.0			3.0		9.9
Turbidity, NTU	R-2		9.2			3.9			2.8			1.4		4.3
Turbidity, NTU	R-5		11.8			4.7			3.0			1.5		5.3
Zn, ug/L	R-1 Ctrl		36			24			420			ND(50)		<135
Zn, ug/L	R-2		57			68			88			68		70.3
Zn, ug/L	R-5		69			58			94			83		76.0
Flow, MGD	R-1 Ctrl	0.74	0.82	0.97	1.25	2.72	0.85	0.98	1.41	0.94	0.96	1.08	0.56	1.1

Burbank Wastewater Treatment Facility
Receiving Waters - Annual Summary 2000



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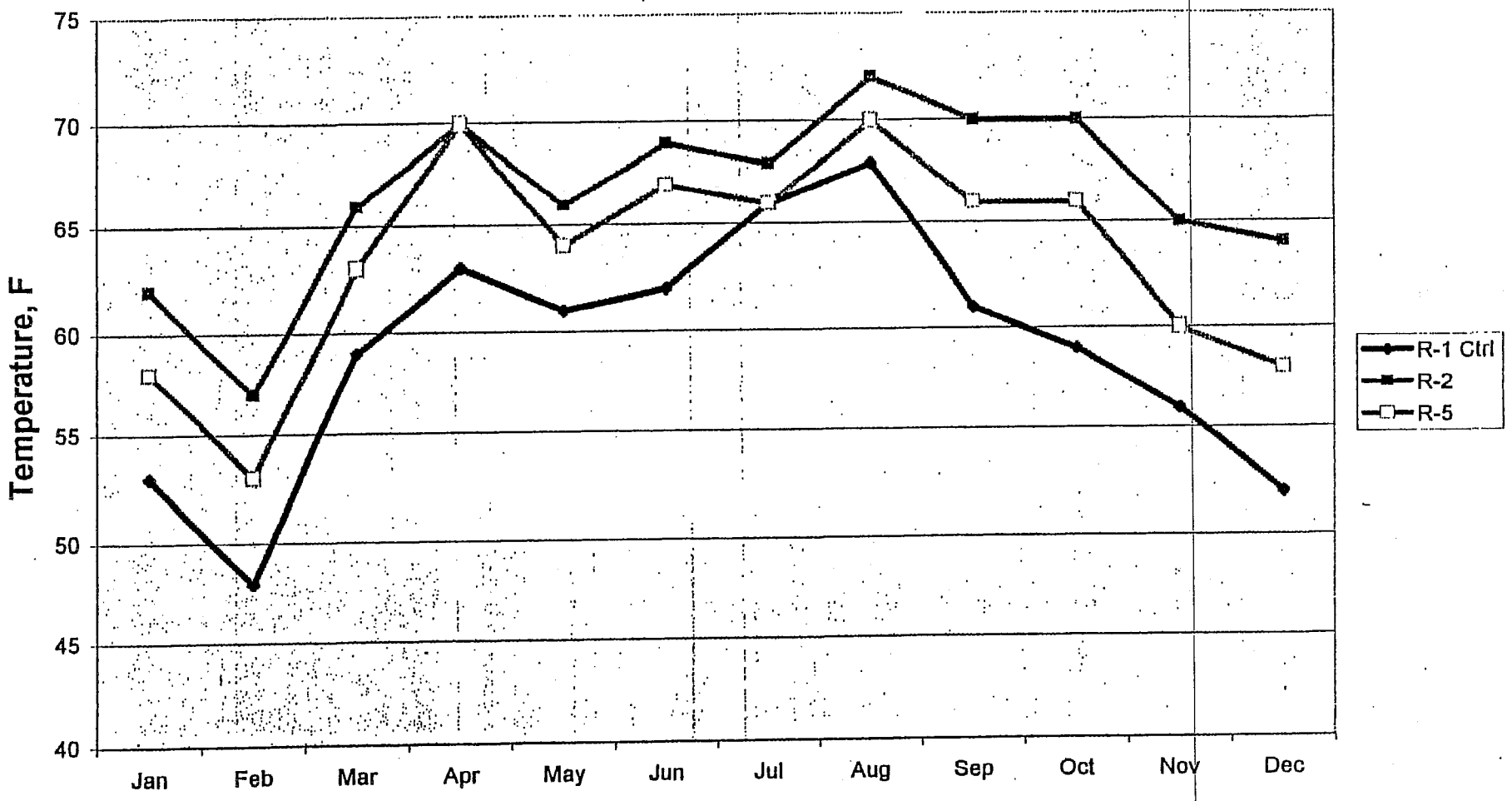

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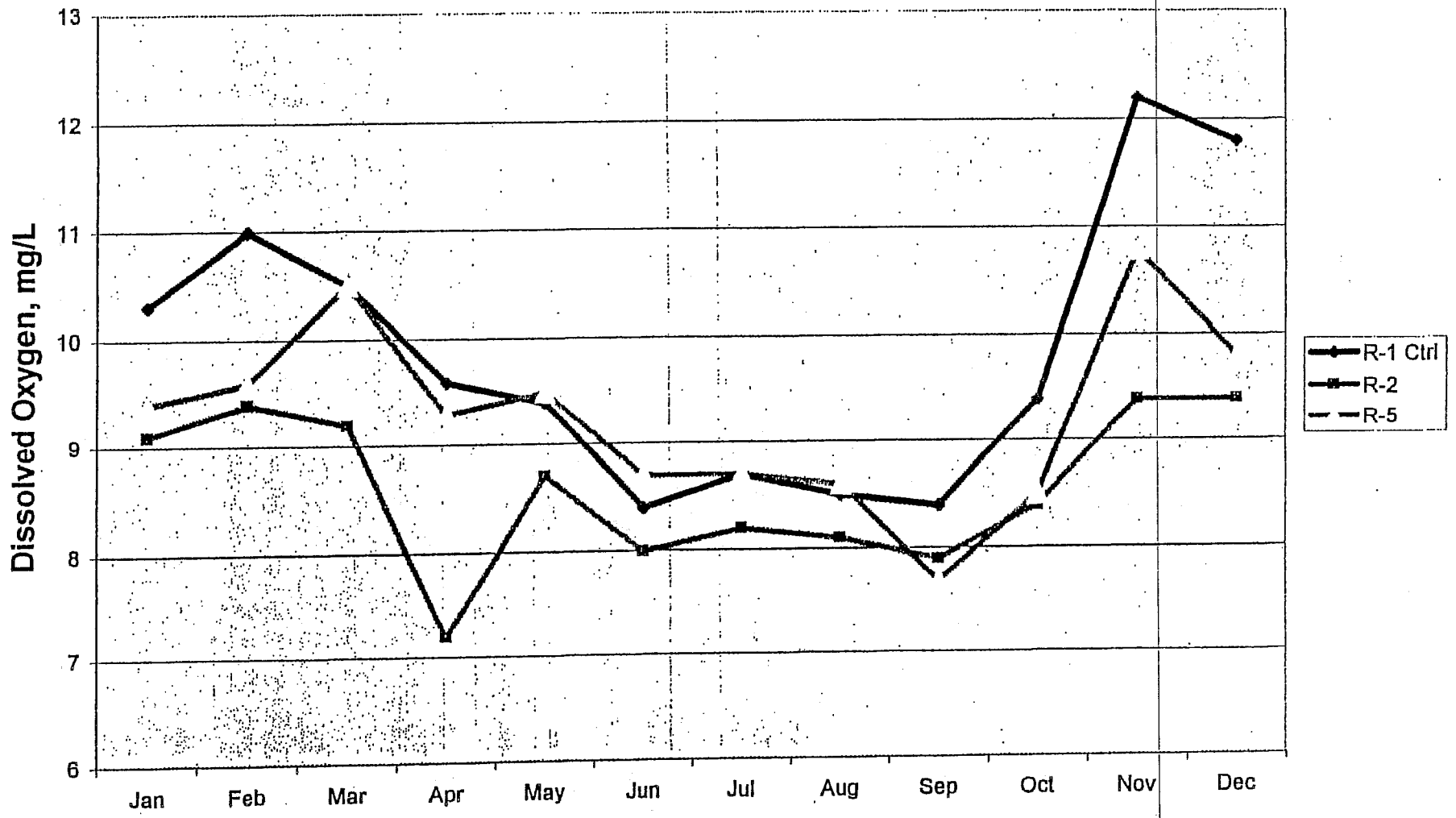

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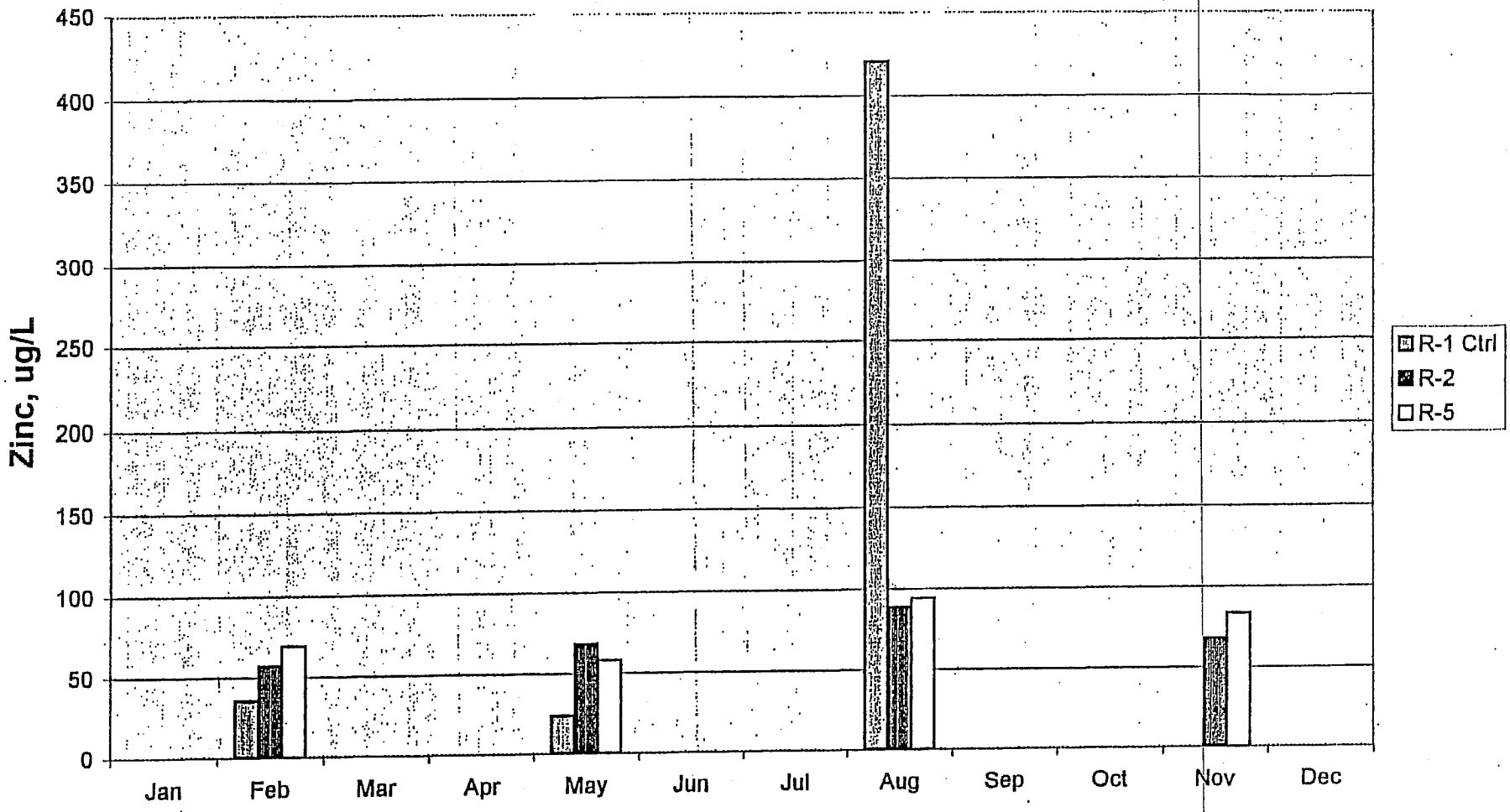

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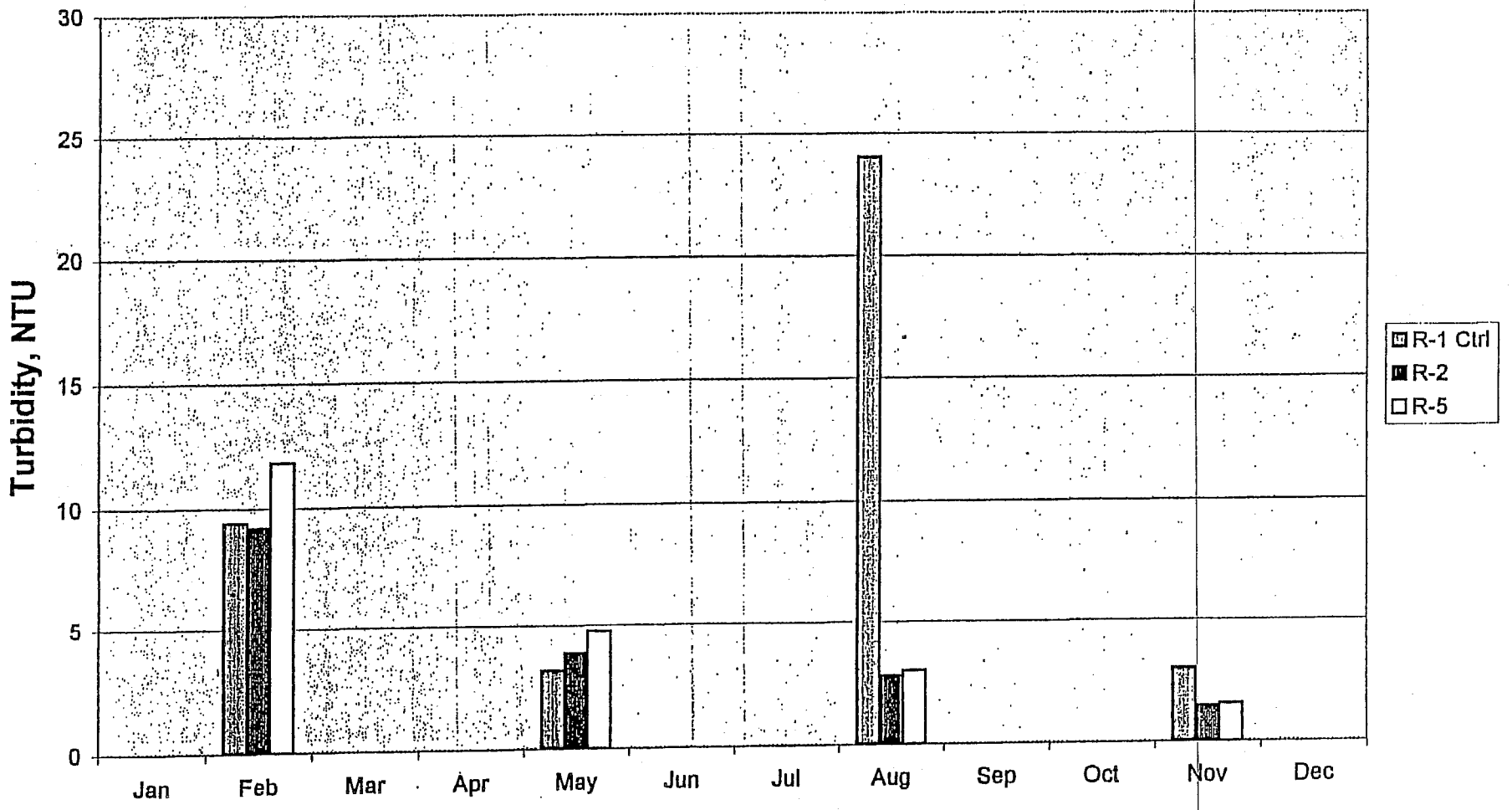

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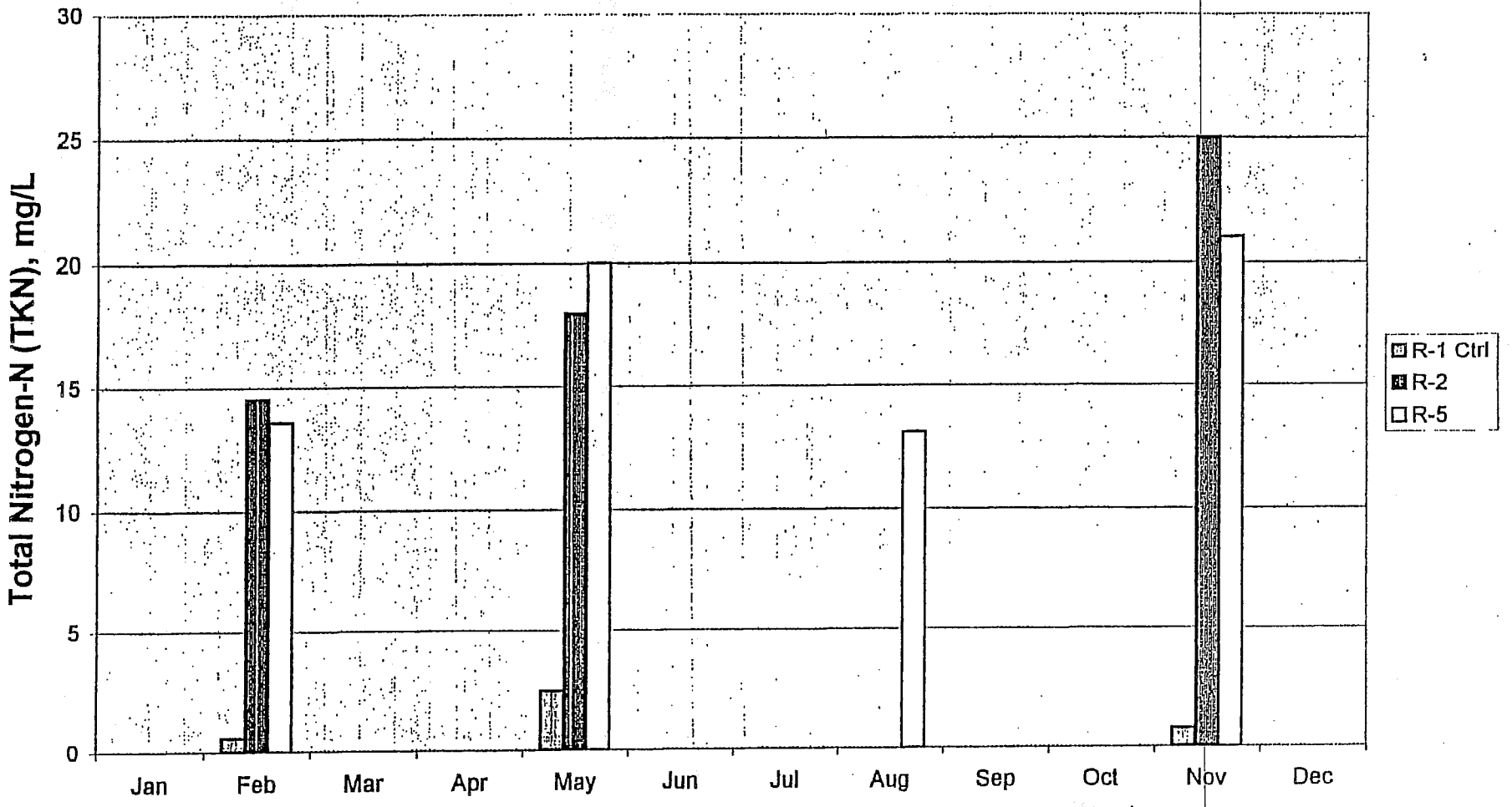

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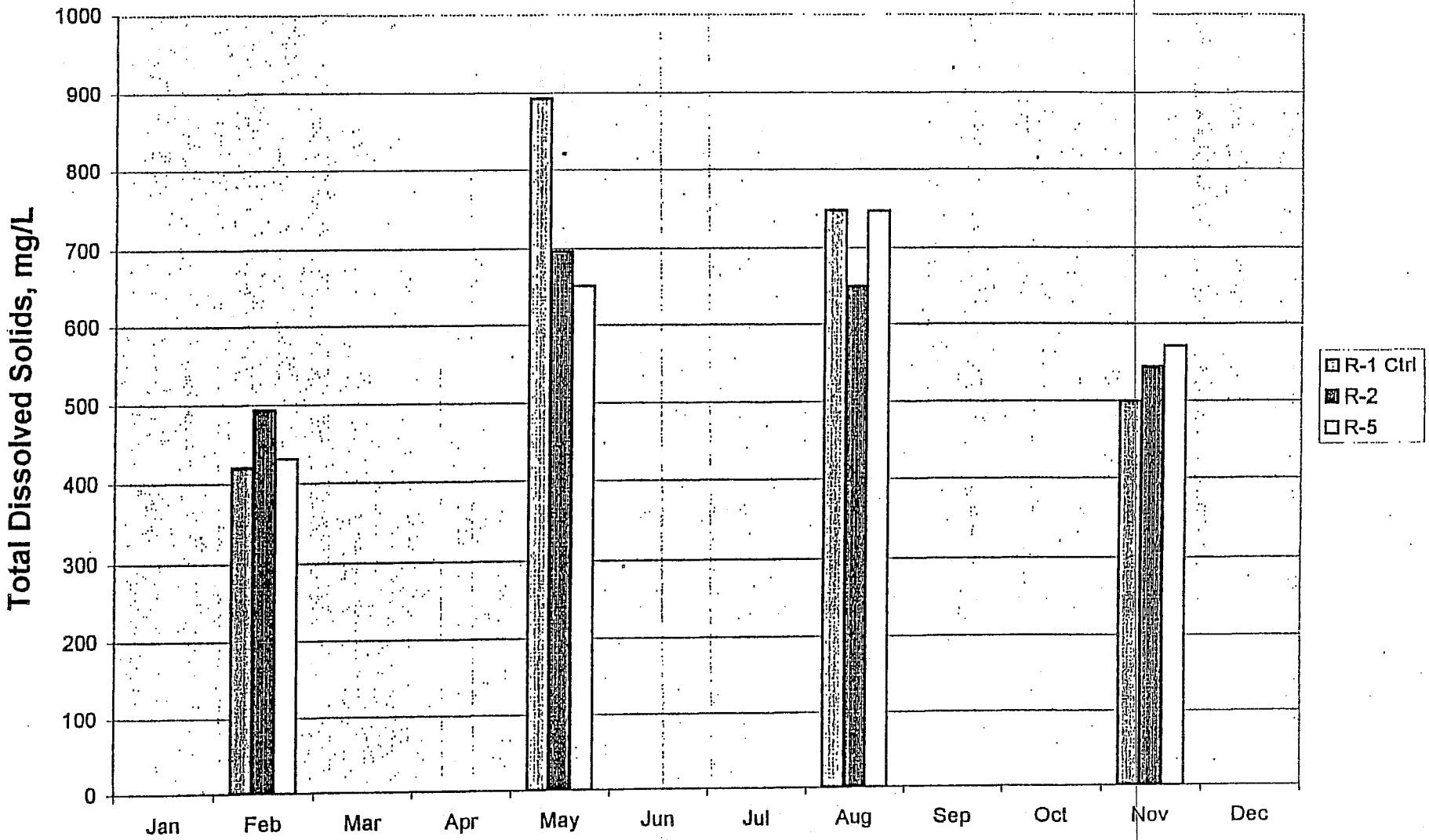

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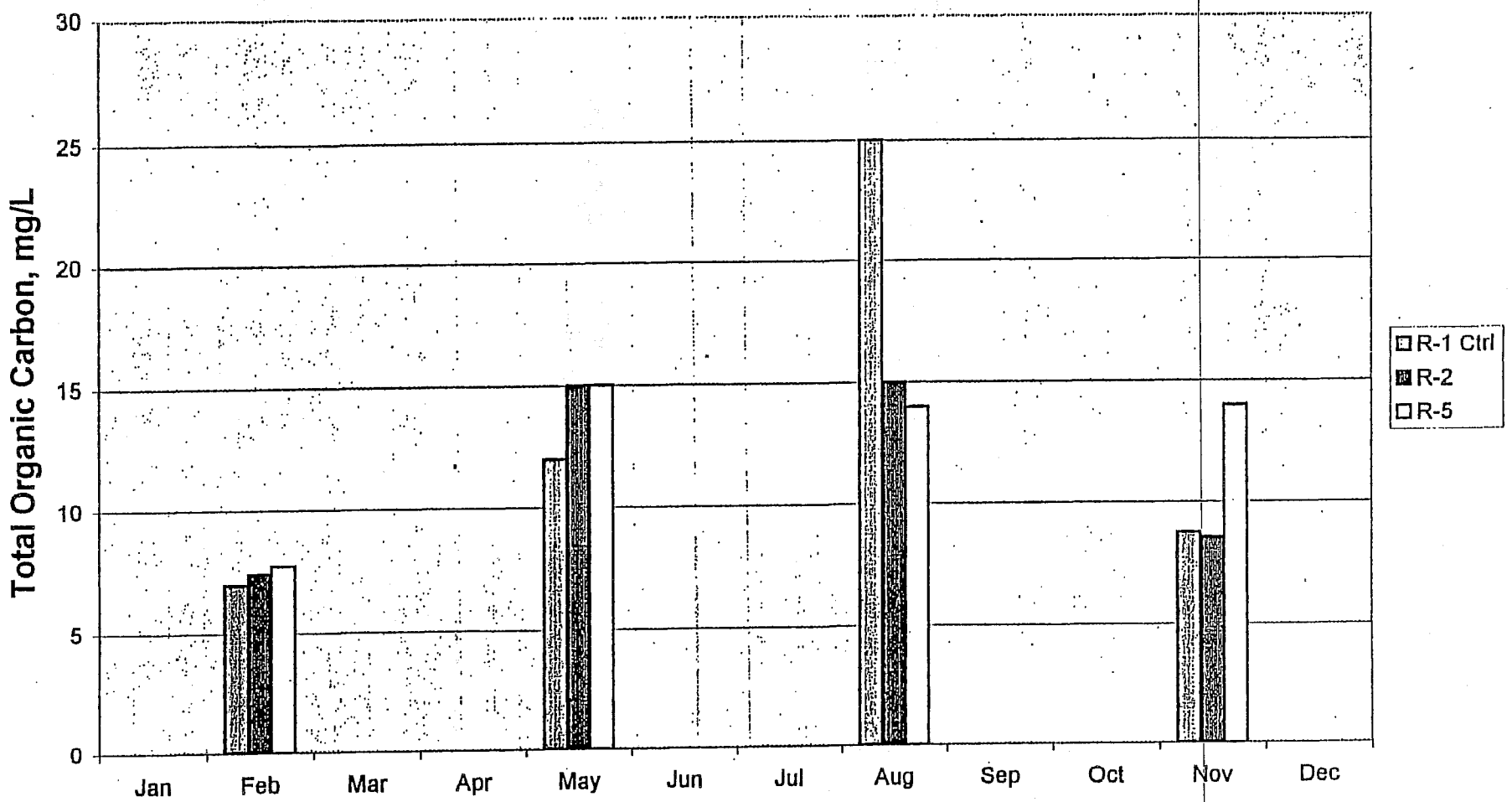

Burbank Wastewater Treatment Facility
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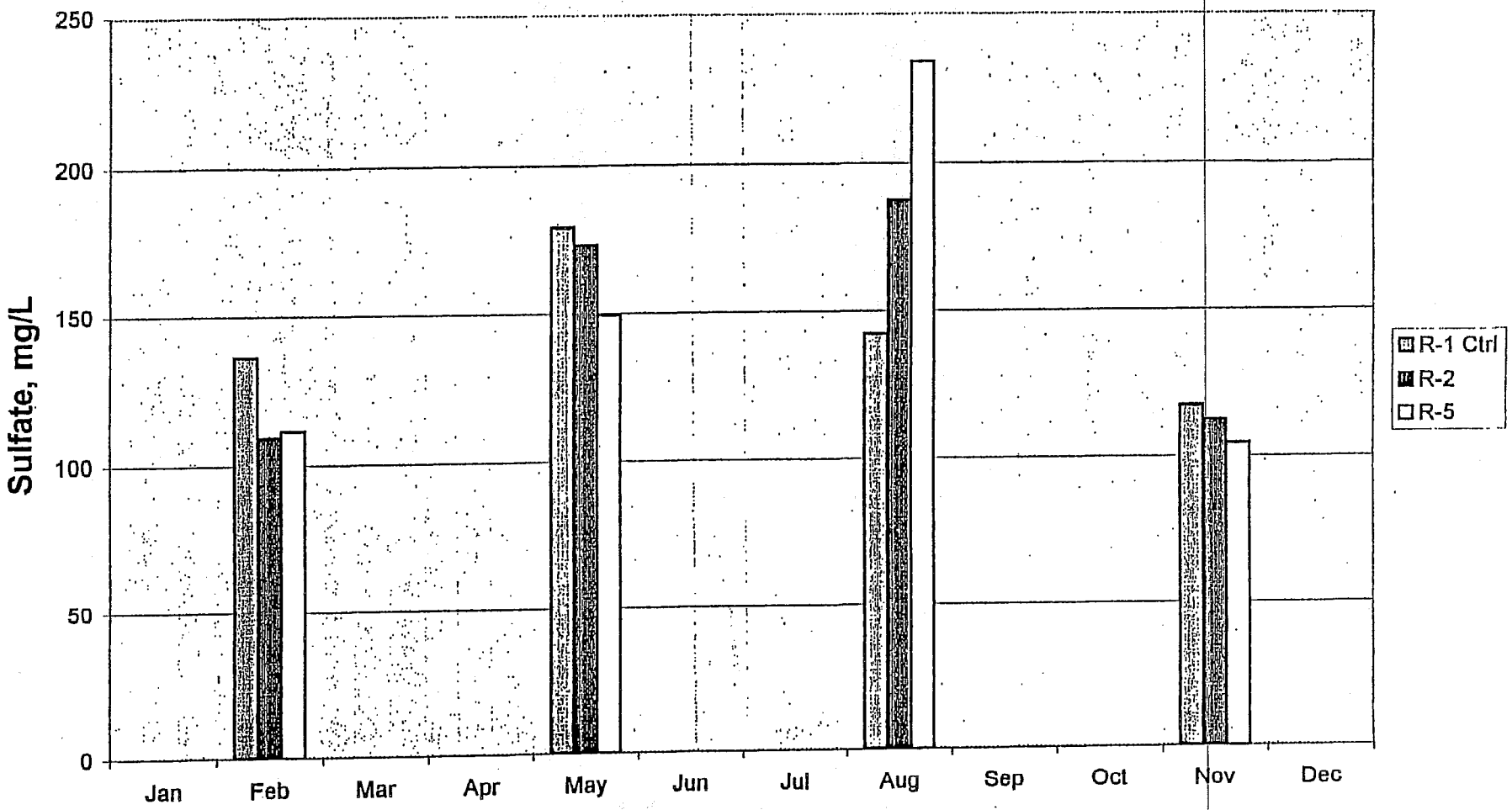

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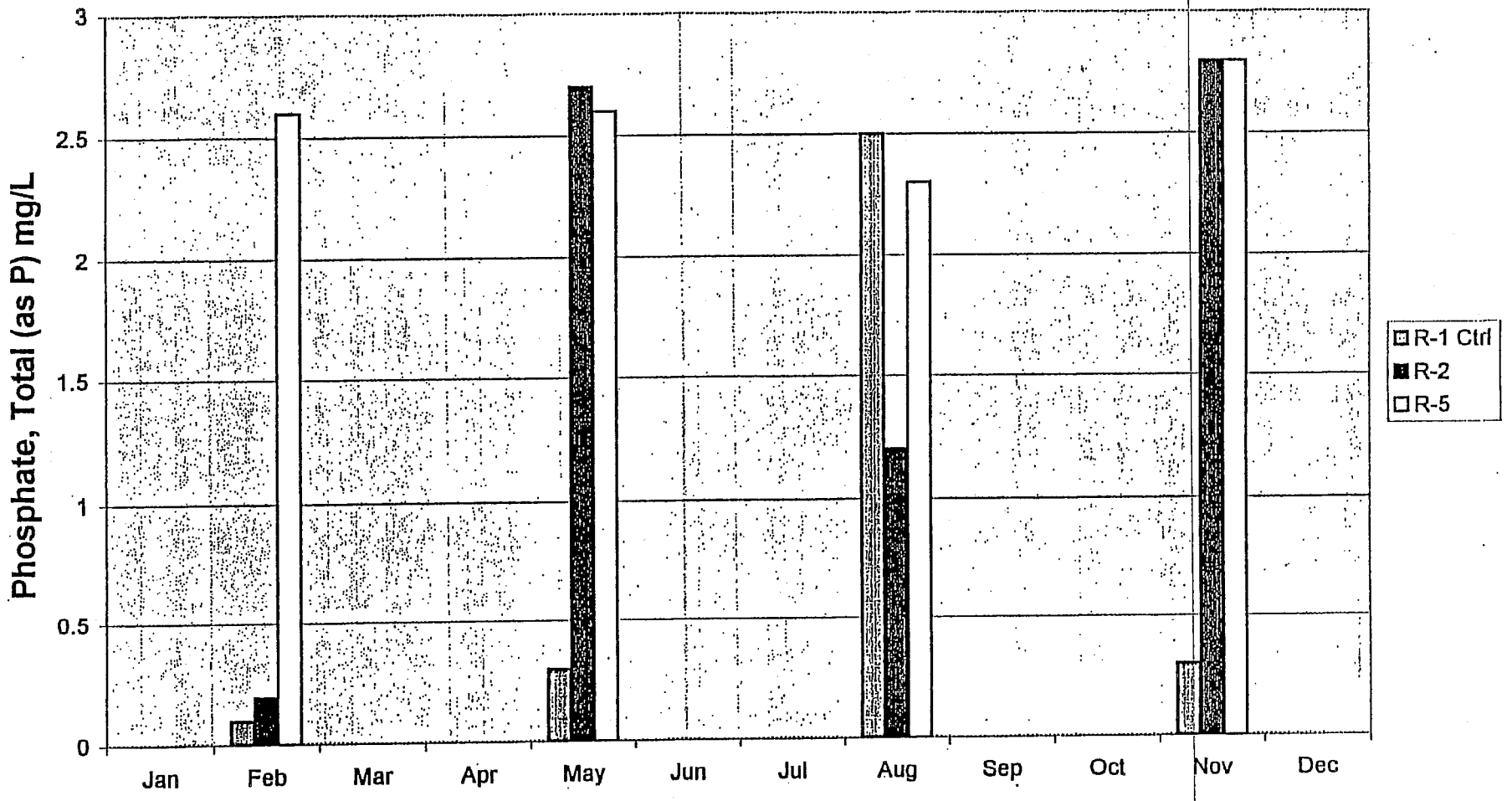

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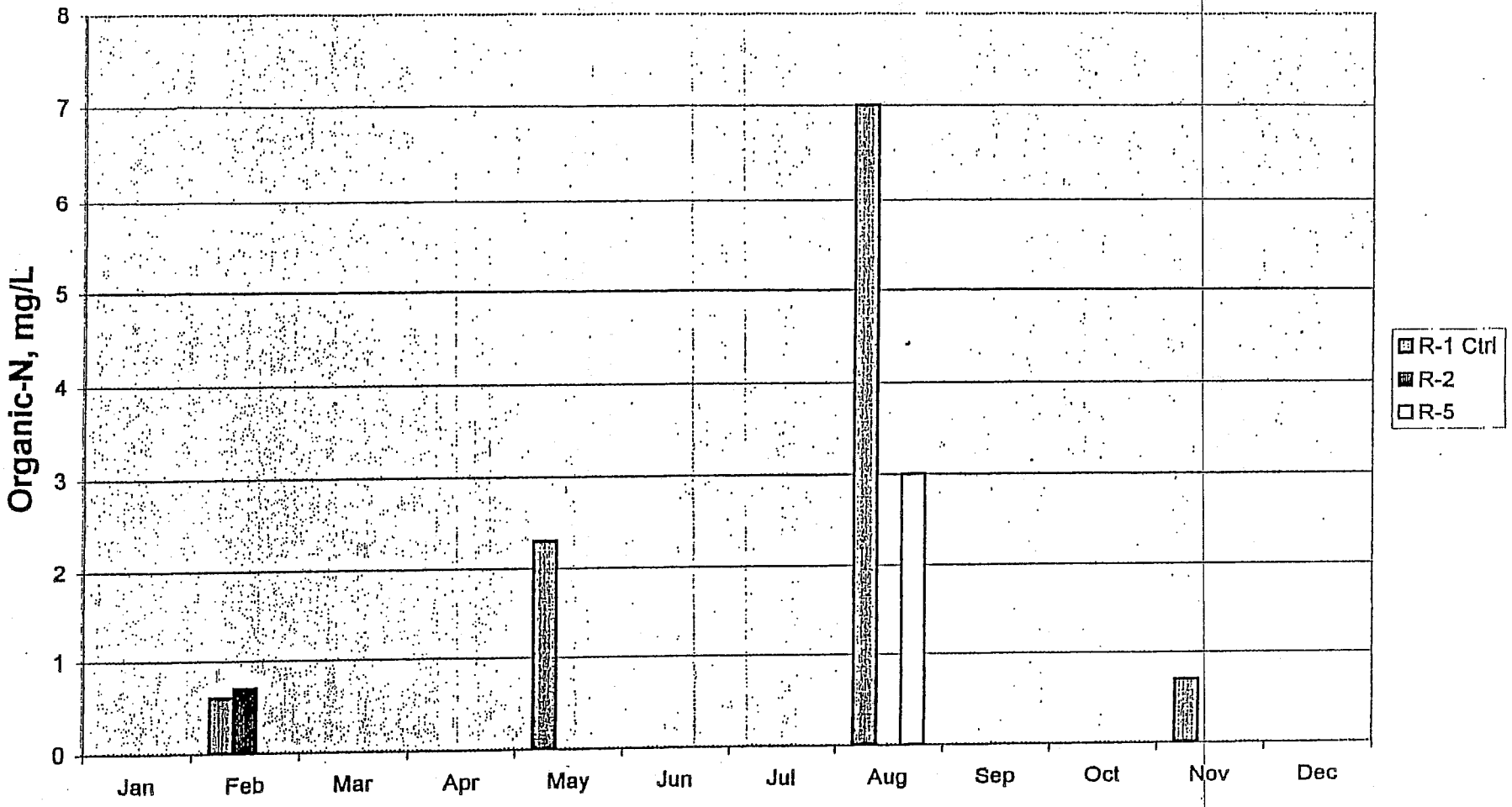

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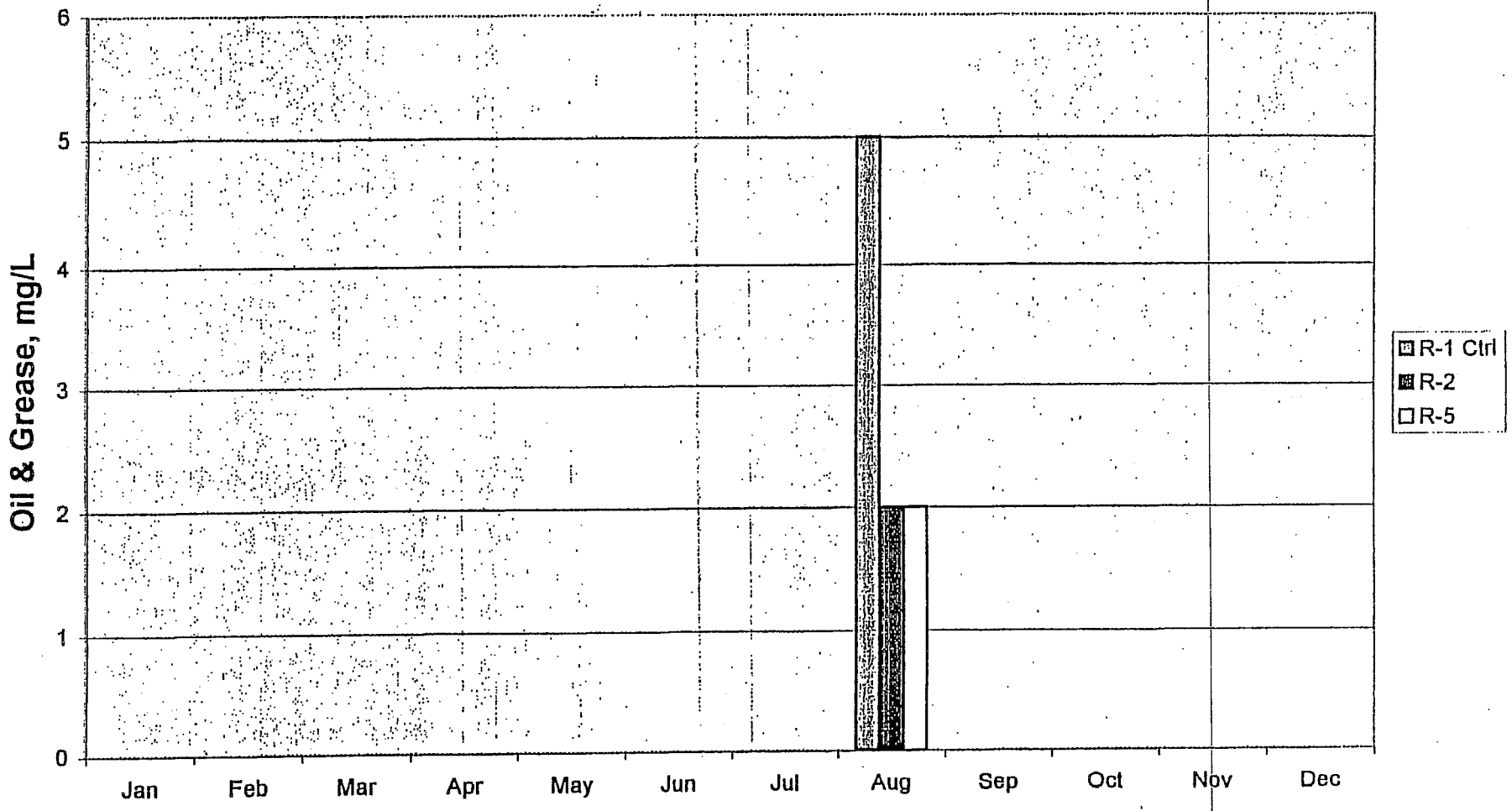

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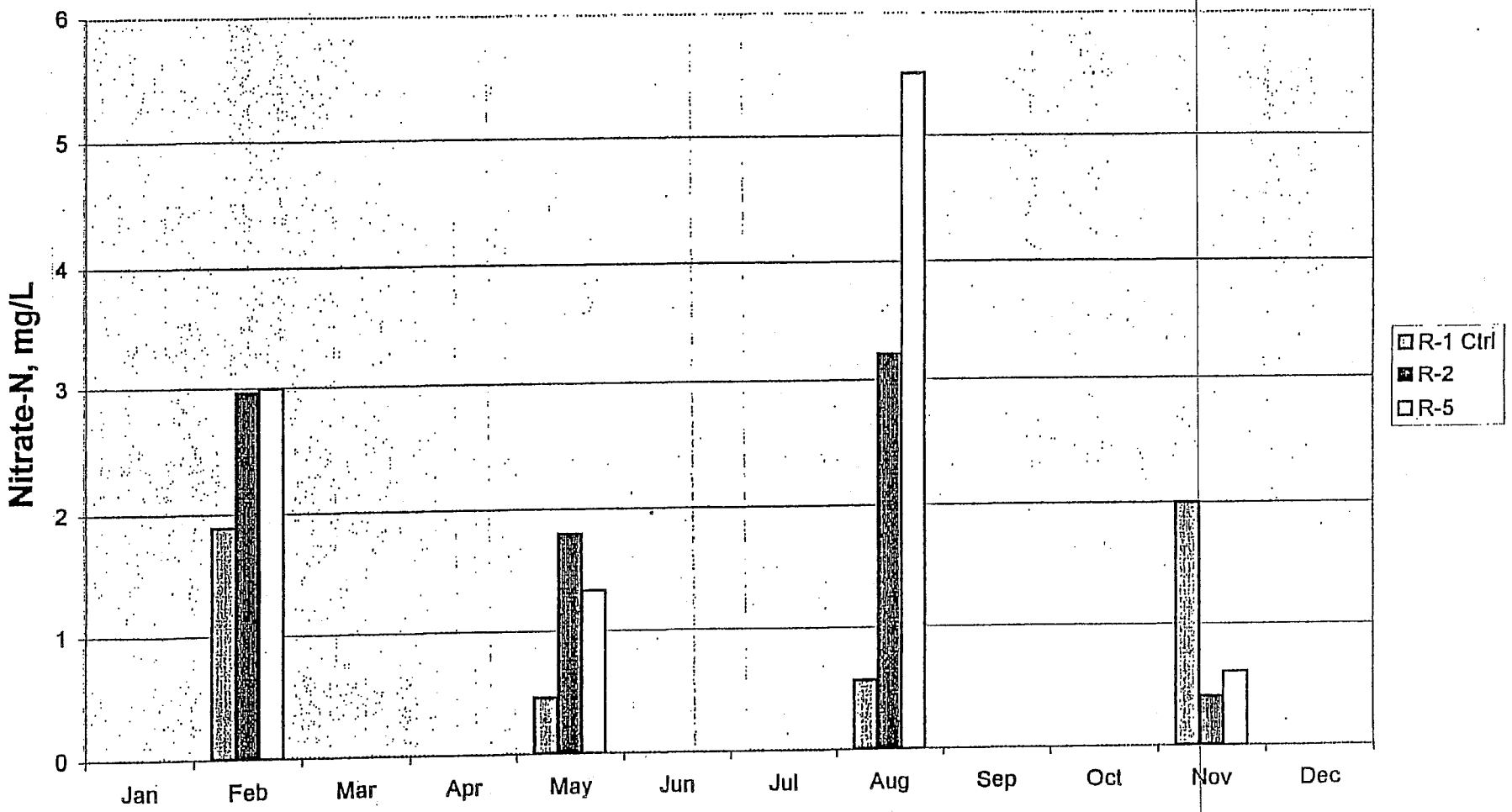

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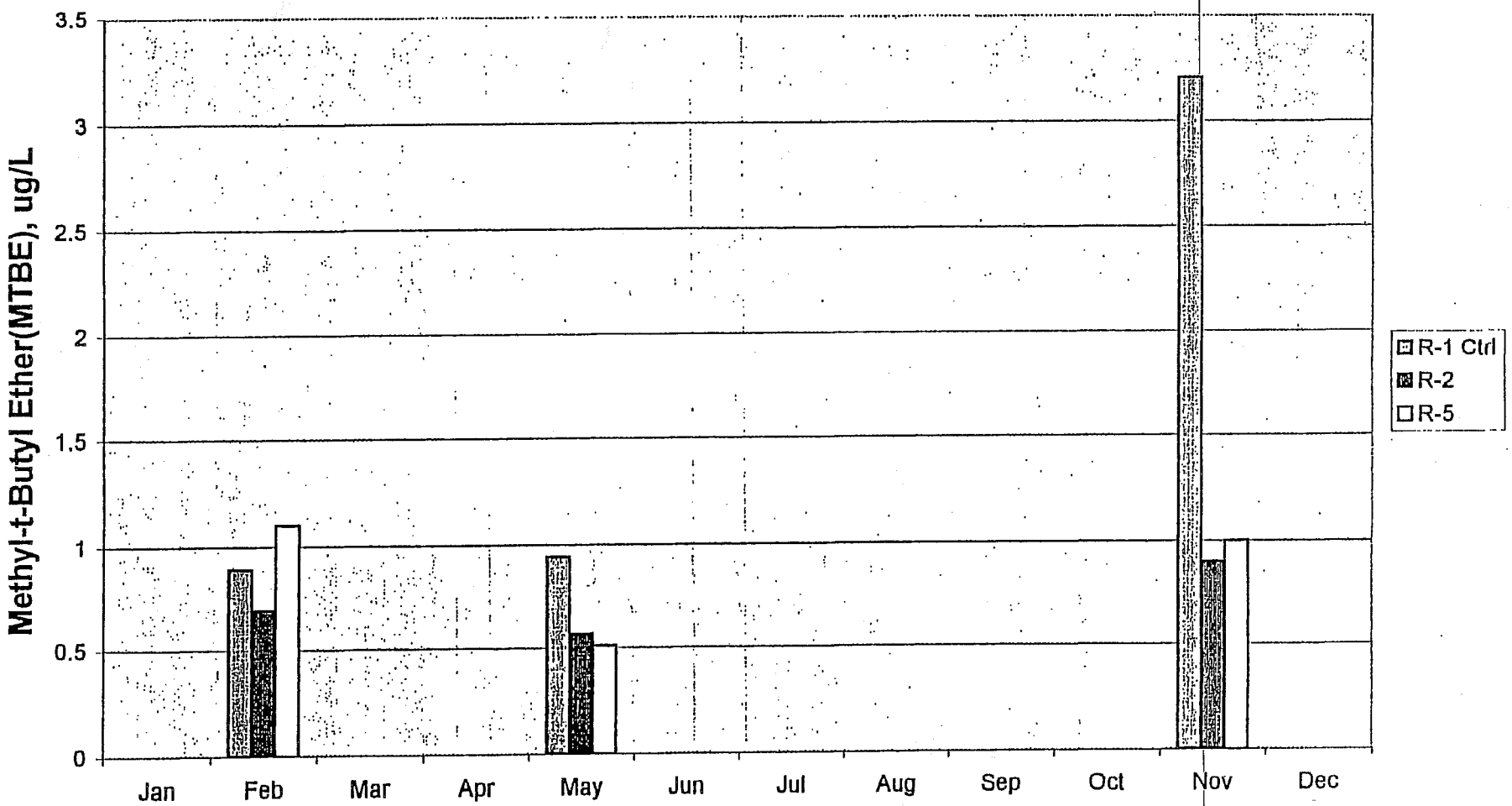

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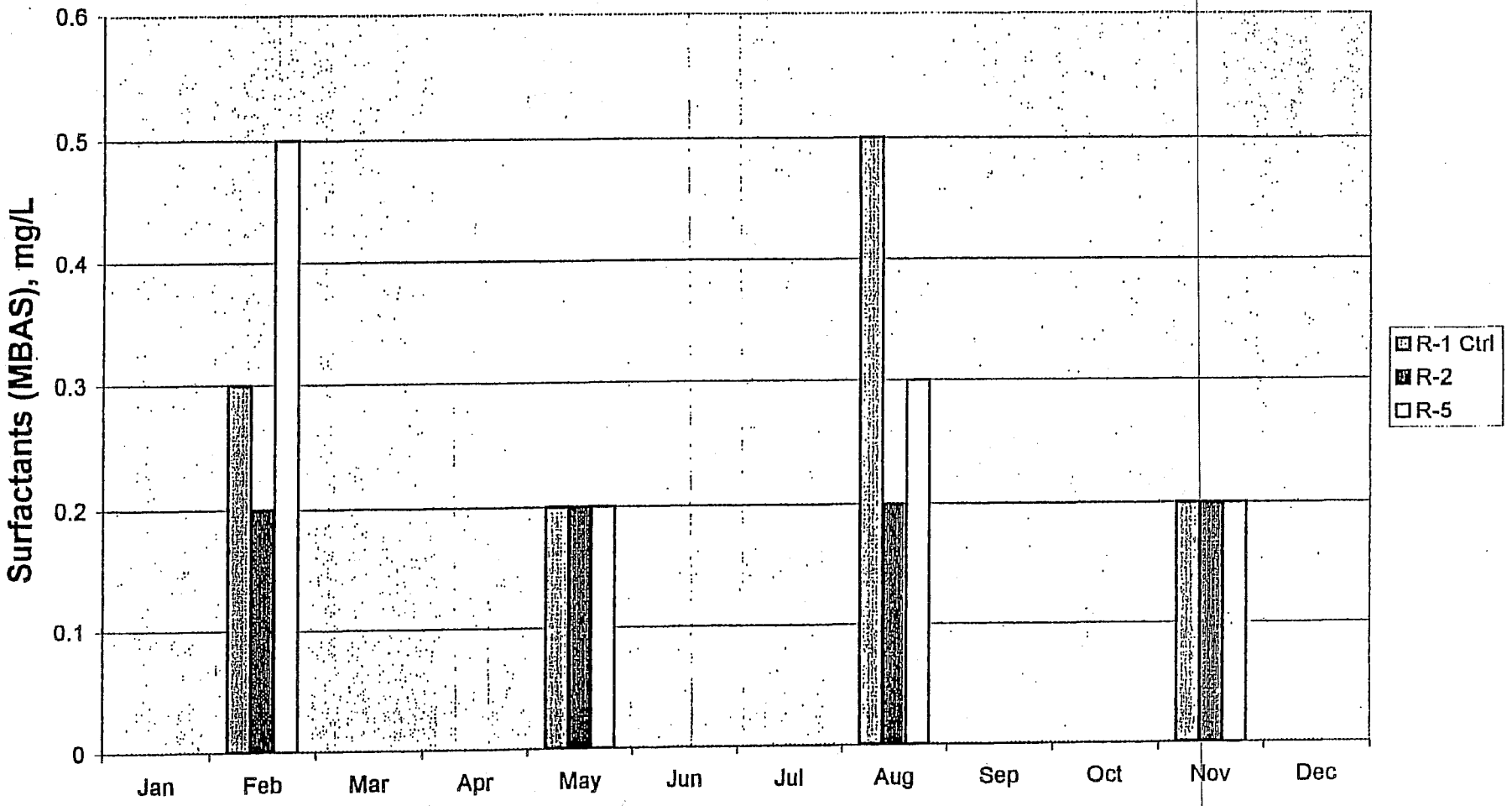

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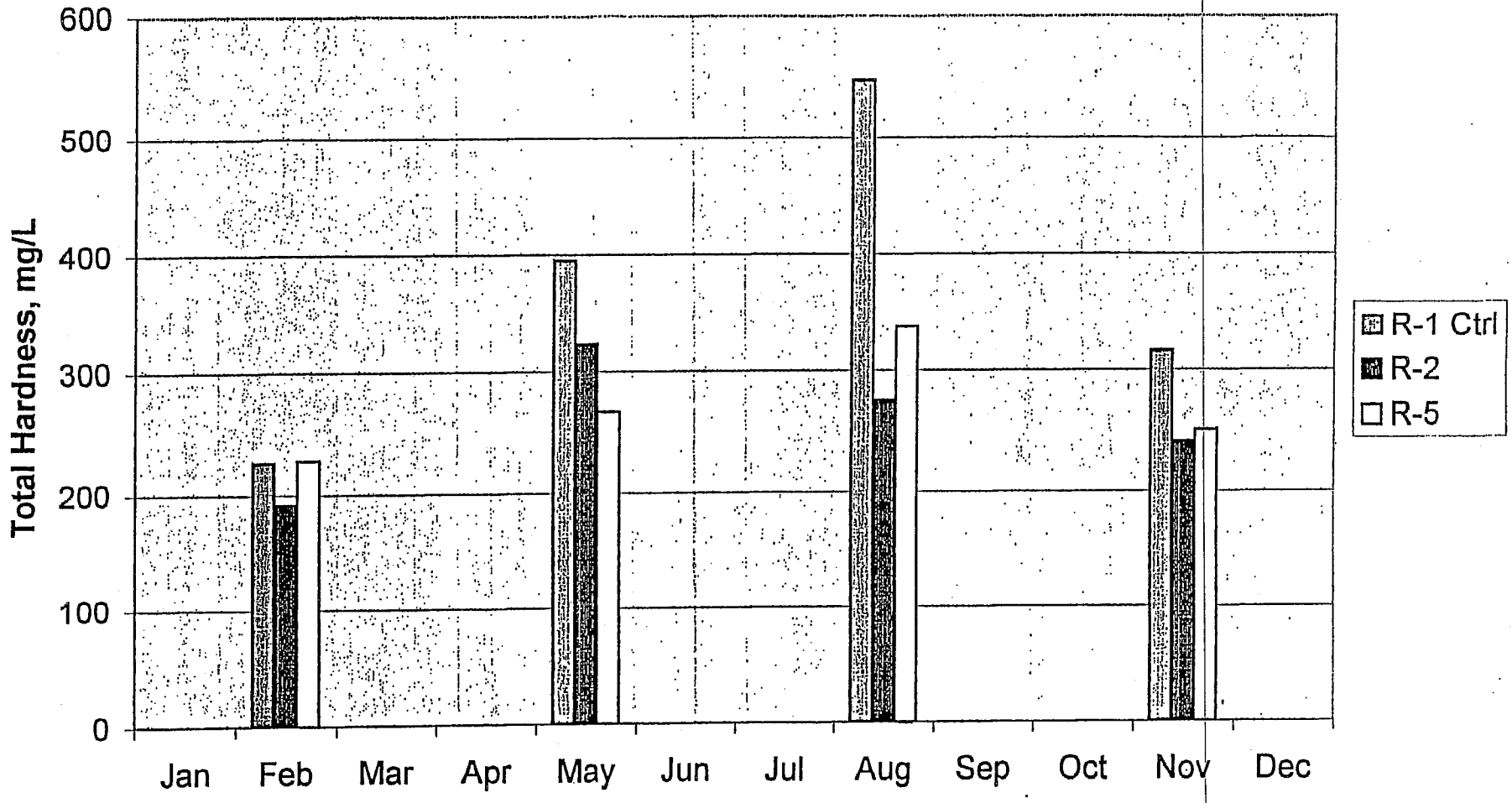

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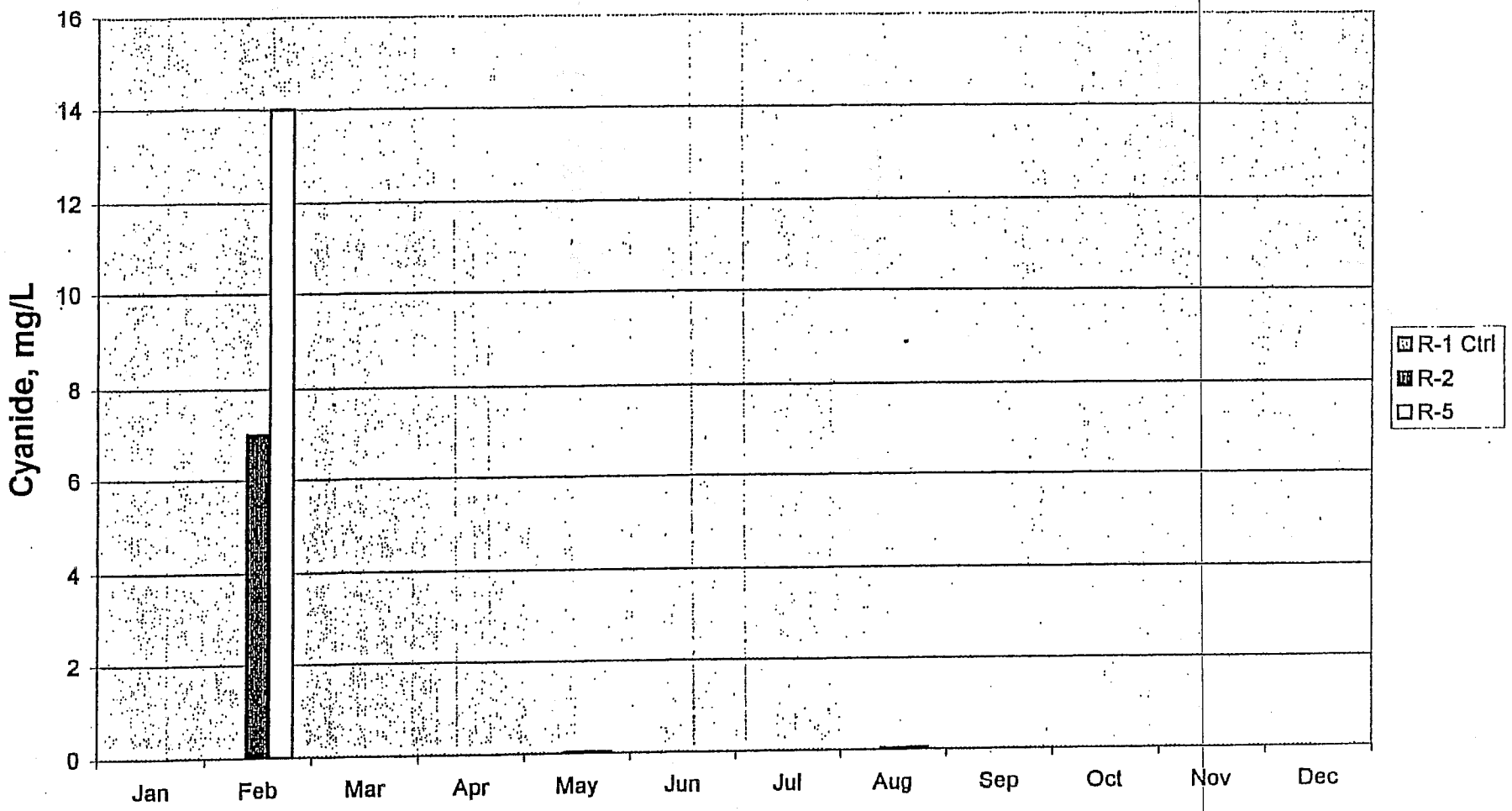

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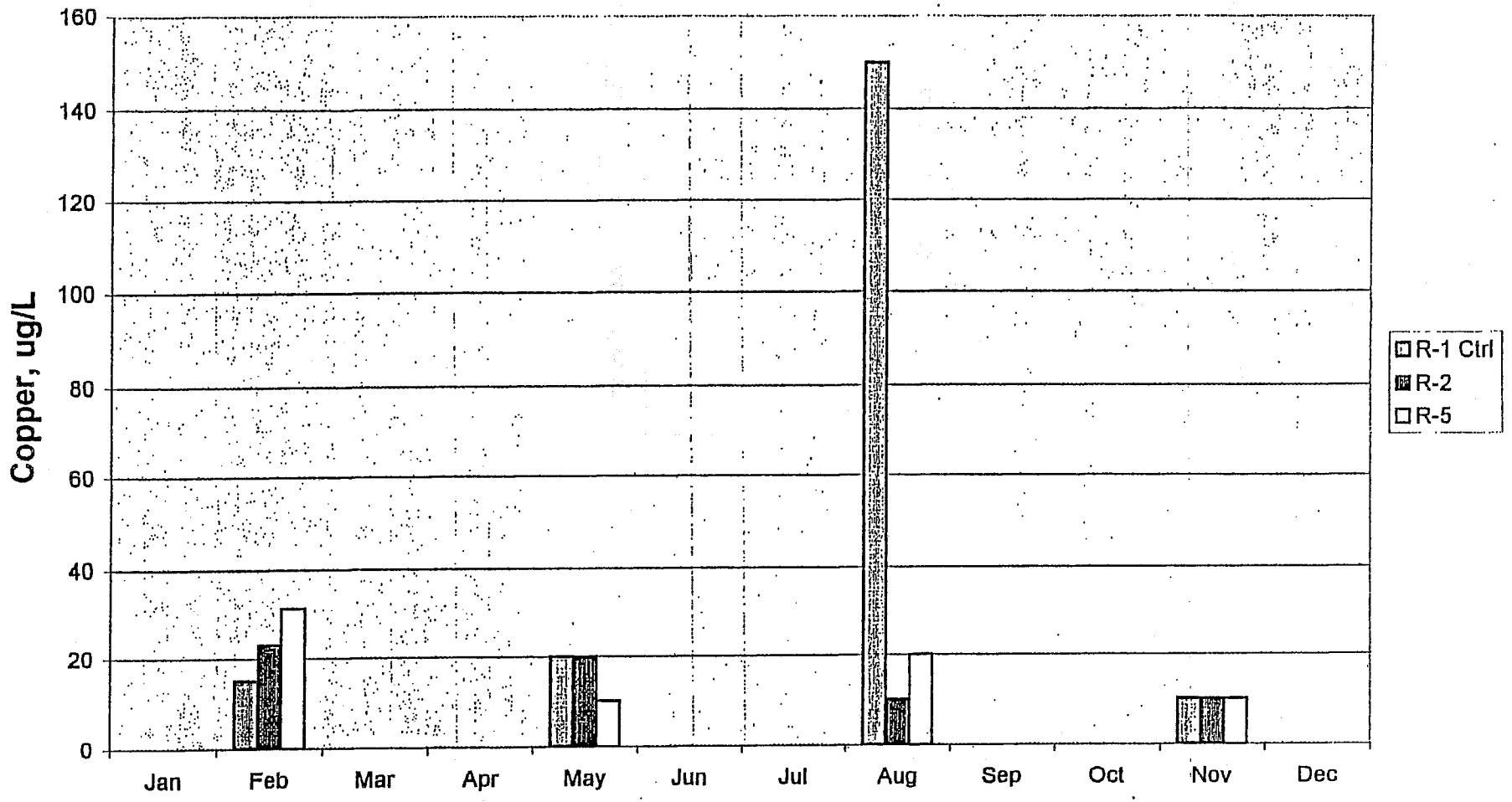

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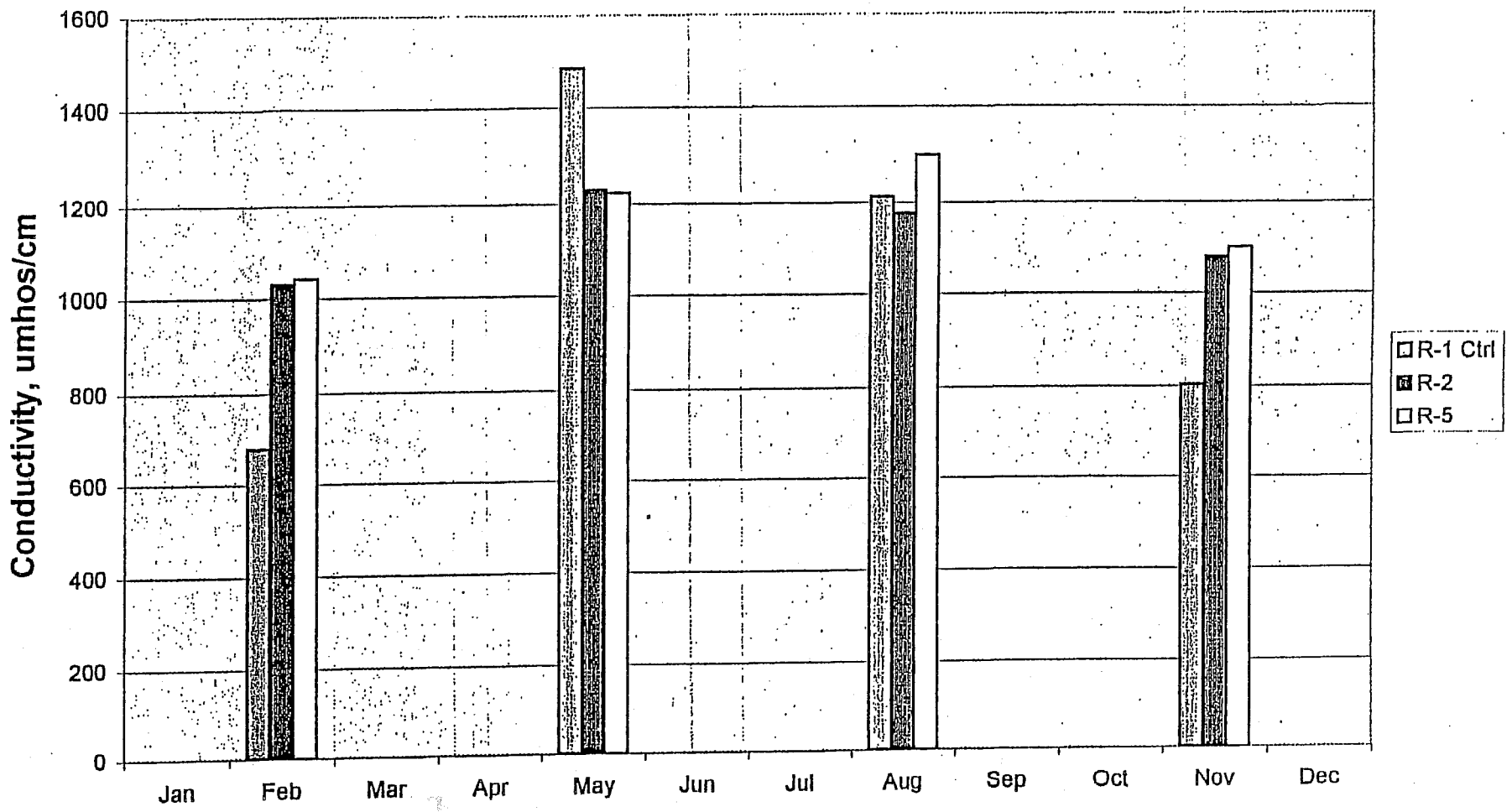

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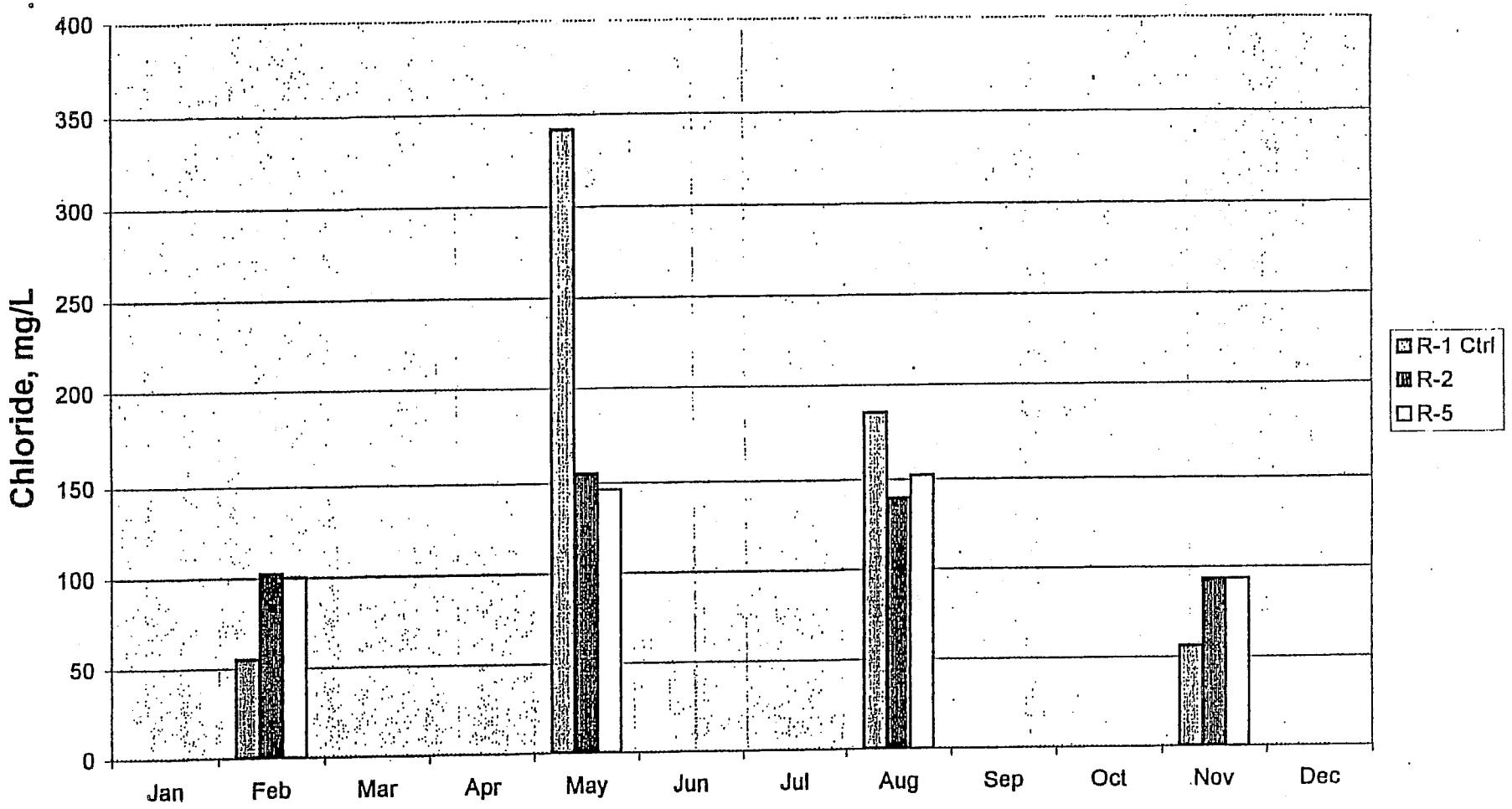

Burbank Wastewater Treatment Facility
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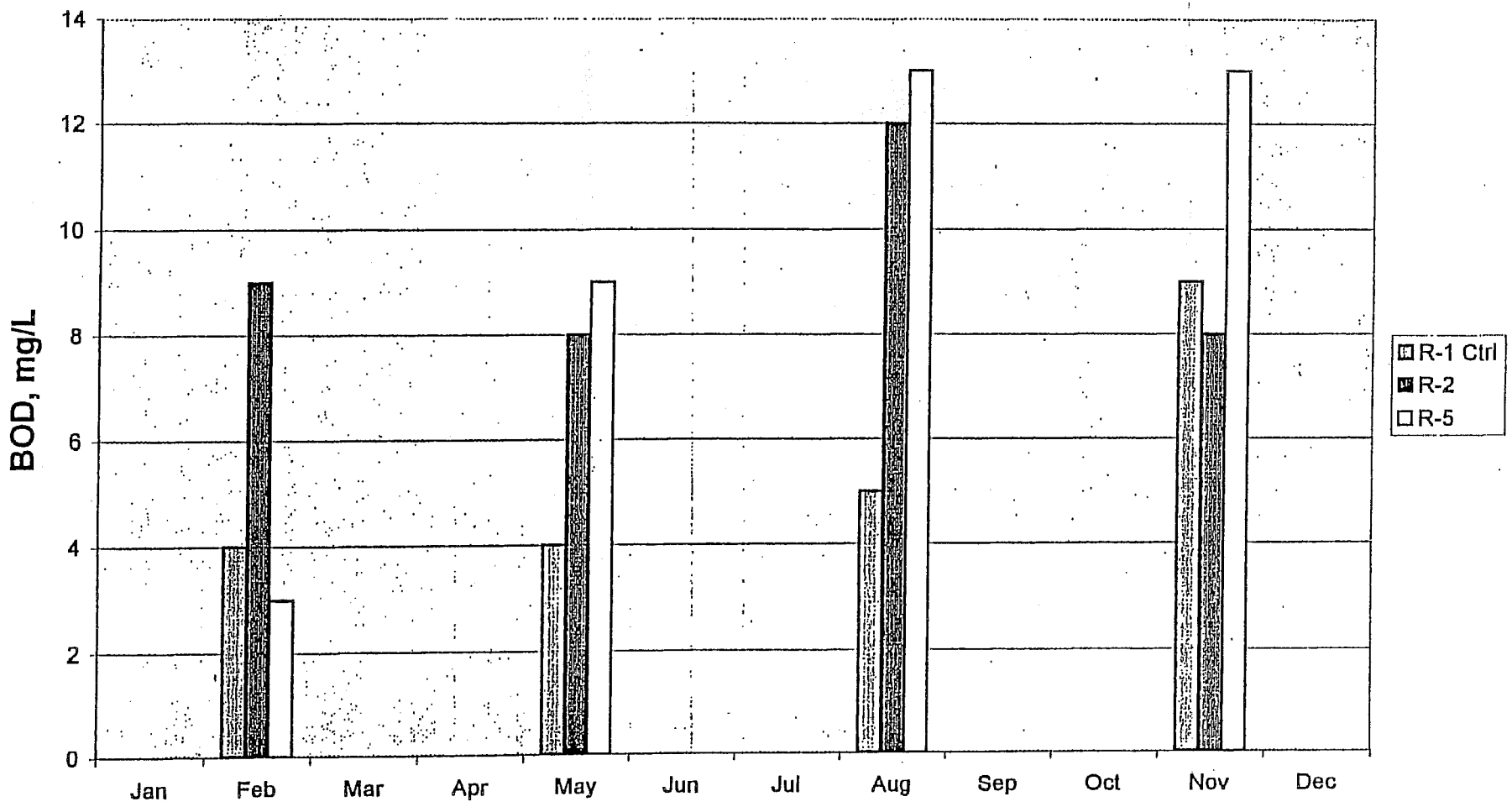

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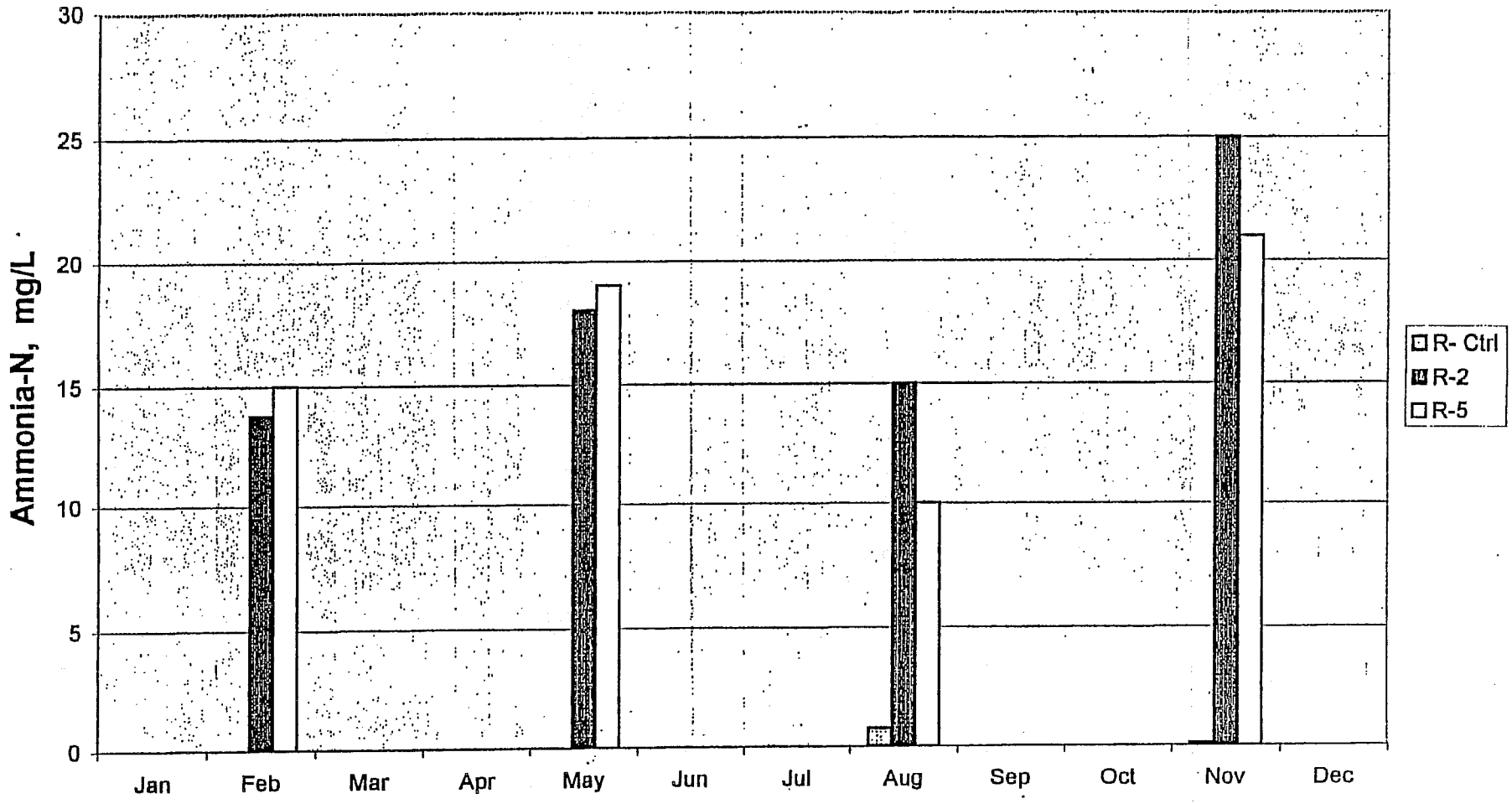
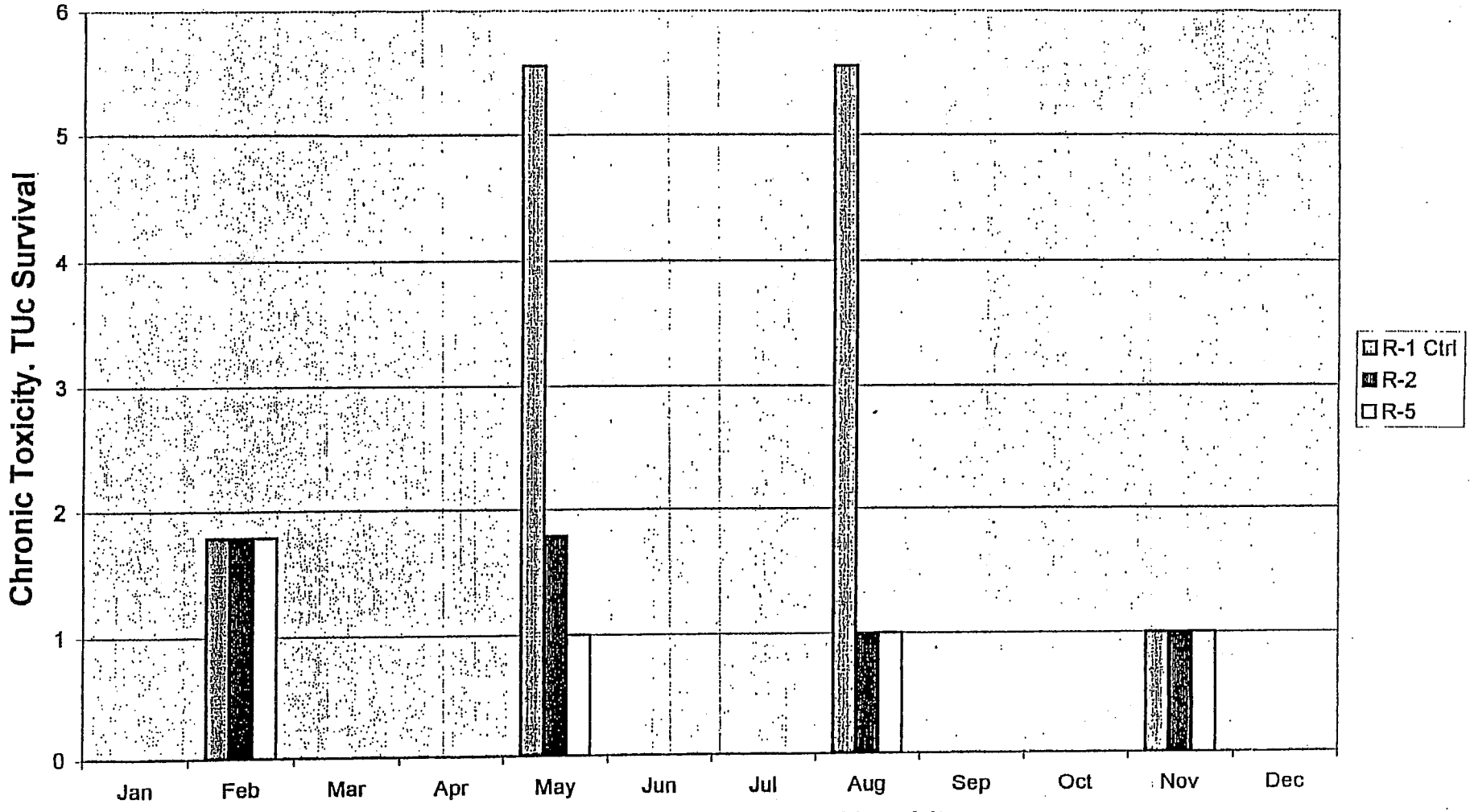
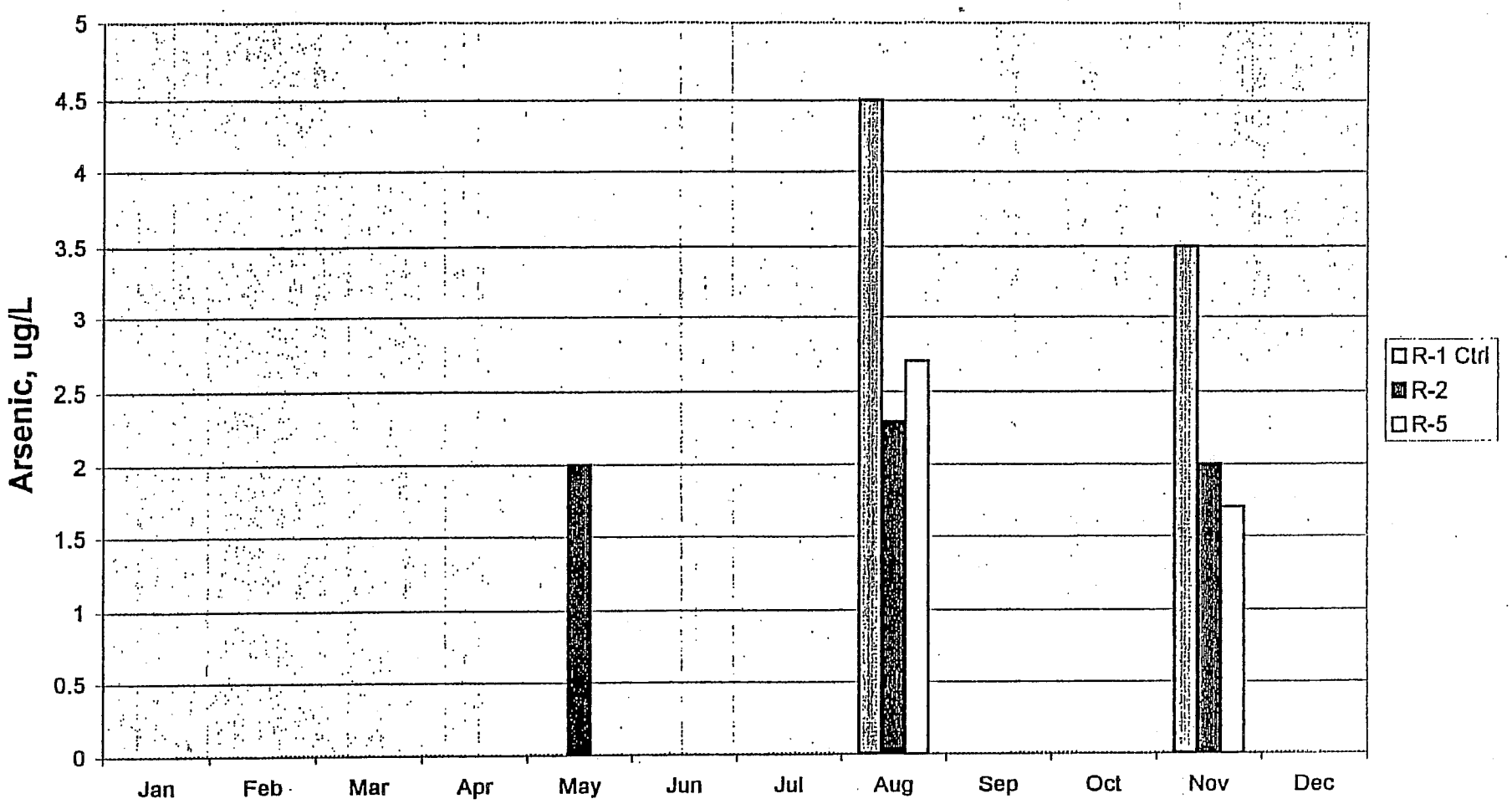


Burbank Wastewater Treatment Facility
Receiving Waters - Annual Summary 2000

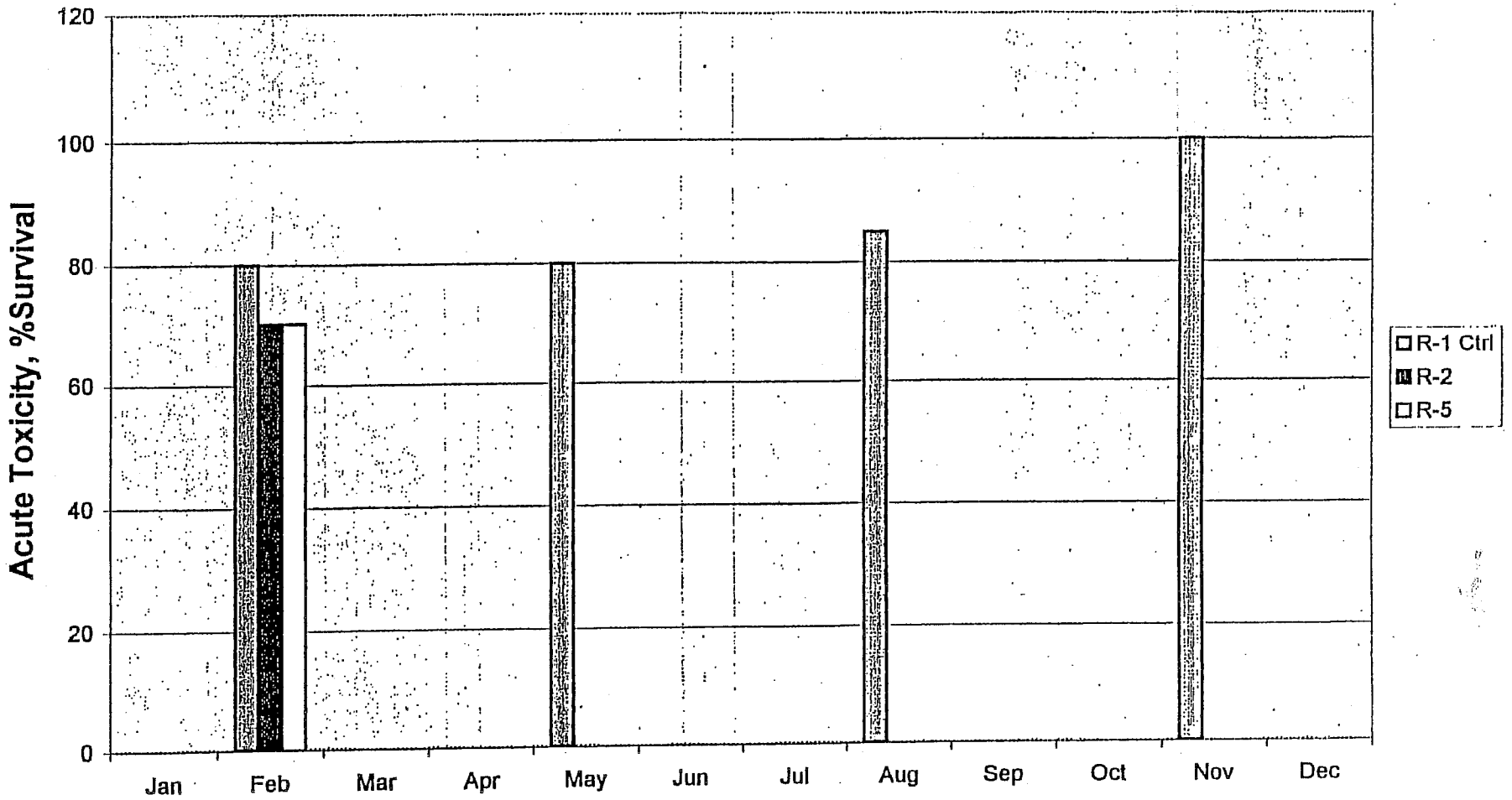


Greater than 1.00 indicates measurable toxicity

Burbank Wastewater Treatment Facility
Receiving Waters - Annual Summary 2000



Burbank Wastewater Treatment Facility
Receiving Waters - Annual Summary 2000



Section 4

UnitedWater

Burbank Wastewater Treatment Facility
Annual Summary 2000

Parameter	Result Type	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Avg.
	CTB													
Flow	MGD; Mo.Avg.	0.0022	@	@	0.154	0.044	0.061	0.1240	0.1850	0.1350	0.0800	0.0440	@	0.092
Chlorine residual, Free	Mo.Max., mg/L	0.1	@	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	@	<0.1
Chromium	Mo.Max., ug/L		@			10			10			20		13
Zinc	Mo.Max., ug/L		@			320			140			330		263

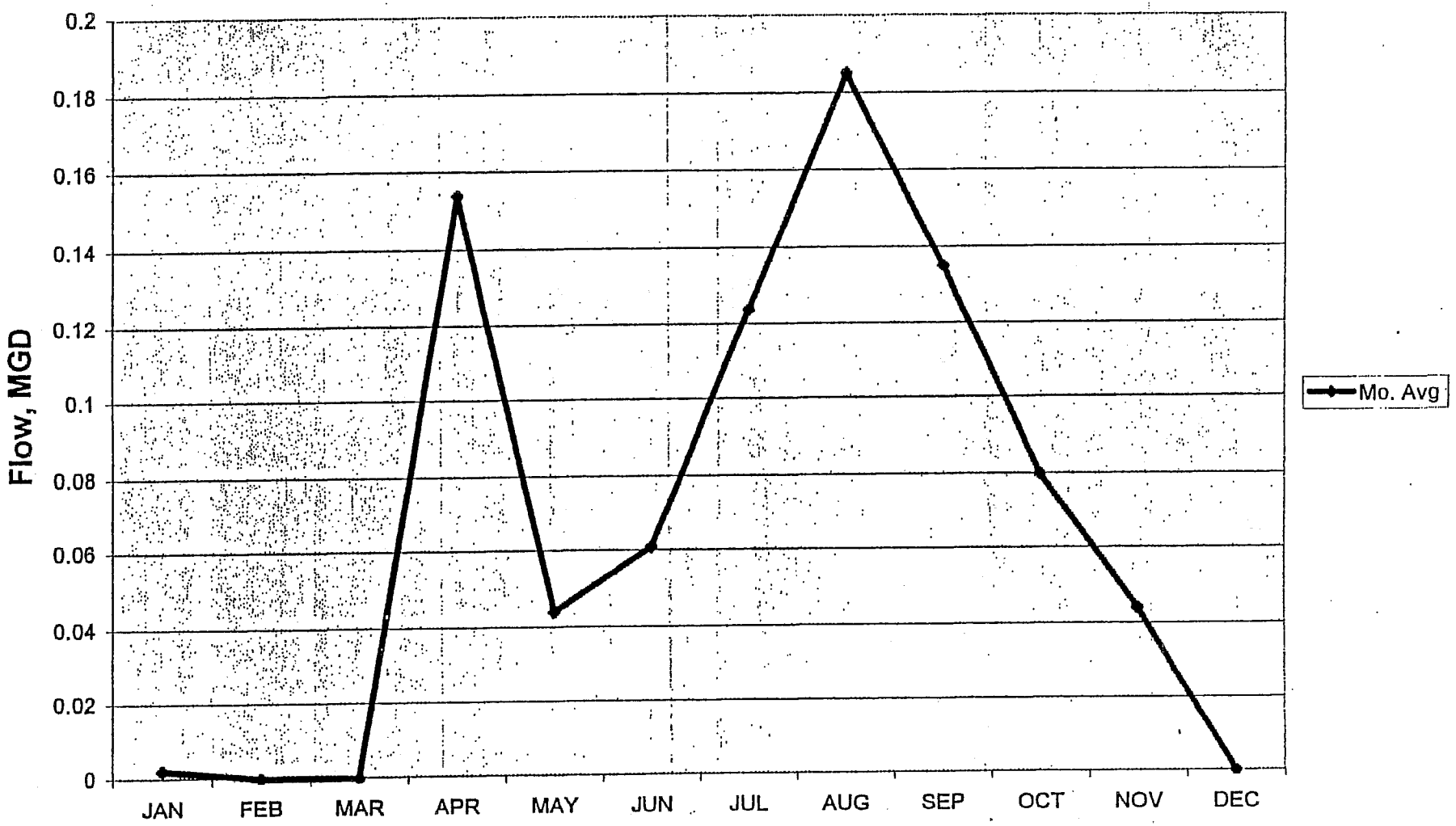
Priority Pollutants	Monitoring of the priority pollutants is excluded based on footnote 15, page T-12 of the NPDES Permit.

Proprietor assurances have been given to the City regarding chemicals it supplies for maintainance of its Cooling Towers and systems. The chemicals utilized are not found on the 'Attachment 1' Priority Pollutants listing given in the current NPDES Permit.

A memo from Wayne Smith (Jan. 11, 2001) is included. It details chemical trade names of chemicals used.

@ = no flow; inoperative at scheduled monitoring.

Burbank Wastewater Treatment Facility
CTB - Annual Summary 2000



Burbank Water Power

MEMORANDUM

DATE: January 11, 2001

TO: Mr. Gaspar Garza, Reclamation Plant

FROM: Wayne Smith

SUBJECT: PSD-Power Plant, 2000 Chemical Consumption

Per your request, follows a list of chemicals and usage by the PSD-Power Plant for the year 2000.

CHEMICAL NAME	TRADE NAME	2000 TOTAL USAGE FOR BOILER USE
Morpholine	Betz Steammate NA0160	57 Gallons
Morpholine	Betz 1405	56 Gallons
Oxygen Scavenger	Betz PL 1200 P	251 Gallons
Sodium Hydroxide	Caustic Soda	0 Gallons
Phosphate	Betz Optisperse 50715	160 Gallons
	FOR COOLING TOWER USE	
Anti-Foam	Betz Foamtrol 4440	96 Gallons
Copper Inhibitor	Betz AZ 8104	1725 Gallons
Sodium Hypochlorite		12,070 Gallons
Sodium Bromide		560 Gallons
Deposit Control	Betz Dianodic DN2301	4565 Gallons
Molybdate	Betz 3200	1 Gallon
Sulfuric Acid		5037 Gallons
Chlorine		4 Tons

Should you have any questions, please call me at 3691.

Wayne A Smith

Wayne A. Smith
Power Plant Test Supervisor

EAC: was
cc: Mr. Paul Thayamagundalo, Public Works Dept.
Mr. Leighton Fong, Supervisor Civil Engr. , Water Division - PSD
Mr. Dennis Moran, Power Production Superintendent

Section 5

UnitedWater

Usage of Chemicals – 2000

The following is a list of chemicals used for Discharge Point 001, 002 and Water Reclamation:

Chemical Name	Usage
Chlorine	115 Tons
Sodium Hypochlorite	78,000 Gallons
Polymer	21,221 Lbs
Aluminum Sulfate	1,814 Gallons

The following chemicals were used for Discharge Point 001:

Sodium Bisulfite	63,109 Gallons
Sulfur Dioxide	6 Tons

Section 6

United Water

NPDES
EXCEPTION SUMMARY
2000

	Discharge Point 001	Discharge Point 002
January	1 Nitrite 1 Nitrite + Nitrate	1 Nitrite 1 Chronic Toxicity 1 Acute Toxicity
February	0	1 Chronic Toxicity
March	0	1 Chronic Toxicity 1 Acute Toxicity
April	0	1 Chronic Toxicity 1 Acute Toxicity 1 Turbidity
May	0	1 Chronic Toxicity 1 Acute Toxicity
June	1 Manganese	1 Chronic Toxicity 1 Manganese 1 Oil & Grease
July	0	1 Chronic Toxicity 1 Acute Toxicity
August	0	1 Acute Toxicity
September	1 Nitrite + Nitrate	1 Chronic Toxicity 1 Acute Toxicity
October	0	1 Chronic Toxicity
November	1 Iron	1 Acute Toxicity
December	0	0

	Discharge Point 001		Discharge Point 002		
Total(s)	1 Nitrite		1 Nitrite		
	2 Nitrite + Nitrate		8 Chronic Toxicity		
	1 Manganese		7 Acute Toxicity		
	1 Iron		1 Turbidity		
			1 Manganese		
			1 Oil & Grease		
Total	5	+	20	=	25

2000 Mitigation Summary

Discharge Point 001

Exception: Exceeded Nitrite limit once.
Mitigation: Initiated activated sludge process control measures that inhibit nitrification.

Exception: Exceeded Manganese limit once.
Mitigation: The Industrial Source Reduction and Control Program staff has investigated IU's which could possibly discharge waste and/or have wastewaters containing manganese. A database of manganese sampling information has been compiled to further identify sources.

Exception: Exceeded Nitrite and Nitrate limit twice.
Mitigation: Initiated activated sludge process control measures that inhibit nitrification.

Exception: Exceeded Iron limit once.
Mitigation: In comparison, effluent iron concentration results for discharge point 002 was 156 ug/L, which meets permit requirements. It appears to be an isolated incident, which may have come from a storm water inlet.

Discharge Point 002

Exception: Exceeded Nitrite limit once.
Mitigation: Initiated activated sludge process control measures that inhibit nitrification.

Exception: Exceeded Chronic Toxicity limit eight times.
Mitigation: The City of Burbank is in pre-design for the Biological Nutrient Removal process, which will eventually reduce effluent ammonia levels and effluent toxicity.

Exception: Exceeded Acute Toxicity limit seven times.
Mitigation: The City of Burbank is in pre-design for the Biological Nutrient Removal process, which will eventually reduce effluent ammonia levels and effluent toxicity.

Exception: Exceeded 5 NTU for six hours on April 13th.
Mitigation: Standard Operating Procedures have been implemented to prevent noncompliance of this parameter in the future.

Exception: Exceeded Manganese limit once.

Mitigation: The ISRCP continues sewer monitoring to develop a database to help identify sources.

Exception: Exceeded Oil and Grease limit once.
Mitigation: Checked with Contract Lab and verified QA/QC was correct. They agreed that the analysis was unusually high. Oil and Grease has not exceeded 4 mg/l for at least two and one half years. A follow-up review was made on internal sampling and bottle identification practices.

STATE OF CALIFORNIA
WASTEWATER TREATMENT PLANT
OPERATOR CERTIFICATIONS

Gaspar Garza	Grade V
Manuel Benitez	Grade V
Jack Tchakerian	Grade V
Rich Campbell	Grade IV
James Baldwin	Grade III
Charles Kunze	Grade III
Steve Alcorn	Grade II
Clifford Henley	OIT
Boonlert Karnchanasai	OIT