

CITY OF SIMI VALLEY



2929 Tapo Canyon Road, Simi Valley, CA 93063-2199 • (805) 583-6700 • <http://www.simivalley.org>

March 31, 2004

CWA
copy whole file
114

Ms. Amy King
Tetra Tech, Inc.
1230 Columbia Street, Suite 520
San Diego, CA 92101

Dear Ms. King:

Enclosed is the data for surface water monitoring you requested on February 23, 2004.

If you have any questions regarding this data, please contact Robert Hensley at (805-583-6443) or Barbara Santos at (805-583-6446).

Sincerely,

A handwritten signature in black ink that reads "R. J. Hensley".

Robert J. Hensley
Plant Operations Manager

BILL DAVIS
Mayor

PAUL MILLER
Mayor Pro Tem

BARBRA WILLIAMSON
Council Member

GLEN T. BECERRA
Council Member

STEVEN T. SOJKA
Council Member

CITY OF SIMI VALLEY

Water Quality Control Plant

NPDES NO. CA0055221

2000 ANNUAL REPORT

City Council

- | | |
|-----------------------------------|-----------------------------|
| Mayor | - Bill Davis |
| Mayor Pro Tem | - Barbra Williamson |
| Council Member | - Paul Miller |
| Council Member | - Glen T. Becerra |
| Council Member | - Steven T. Sojka |
|
 | |
| City Manager | - Mike Sedell |
| City Attorney | - David H. Hirsch |
| Dep. Dir./Dist. Engineer | - Michael Kleinbrodt |
| Dep. Dir./Sanitation Svcs. | - Jim Buell |

Submitted By:



**Timothy P. Nanson, Director
Department of Public Works**

INTRODUCTION

The 2000 Calendar Year tabular and graphical representations for the City of Simi Valley Water Quality Control Plant are enclosed within. These parameter controls are in keeping with NPDES Permit No. CA0055221.

City of Simi Valley Water Quality Control Environmental Testing Laboratory is approved and registered with the State Department of Public Health Services, the Sanitation and Radiation Laboratory at Berkeley, the Regional Water Quality Control Board, and the Environmental Protection Agency. The Environmental Laboratory Accreditation Program (ELAP), administered by the State Department of Health Services, annually certifies the City to perform the following fields of testing:

Field of Testing 1: Microbiology of Drinking Water — Total and Fecal E. coli, Coliform by Multiple Tube Fermentation, Total and E. coli Coliform by MMO - MUG techniques Heterotrophic Plate Count. Microbiology of Wastewater — Total Coliform by Multiple Tube Fermentation, and Fecal/E. coli by Multiple Tube Fermentation.

Field of Testing 2: Inorganic Chemistry and Physical Properties of Drinking Water — Alkalinity, Calcium, Chloride, Fluoride, Hardness, Magnesium, MBAS, Nitrate, Nitrite, Sodium, Sulfate, Total Filterable Residue, Conductivity, Phosphate, and Cyanide.

Field of Testing 16: Wastewater Inorganic Chemistry, Nutrients, and Demands Acidity, Alkalinity, Ammonia, Biochemical Oxygen Demand, Boron, Calcium, Chemical Oxygen Demand, Chloride, Chlorine Residual, Cyanide, Fluoride, Hardness, Kjeldahl Nitrogen, Magnesium, Nitrate, Nitrite, Oil and Grease, Dissolved Oxygen, pH, Phenols, Orthophosphate, Total Phosphorus, Total Residue, Filterable Residue, Non-Filterable Residue, Settleable Residue, Volatile Residue, Sodium, Specific Conductance, Sulfate, Sulfide, Surfactants, Turbidity.

Field of Testing 17: Analysis of Toxic Chemical Elements In Wastewater Aluminum, Antimony, Barium, Beryllium, Cadmium, Chromium VI, Chromium Total, Cobalt, Copper, Iron, Lead, Manganese, Molybdenum, Nickel, Selenium, Silver, Thallium, Vanadium and Zinc.

Field of Testing 18: Organic Chemistry of Wastewater (by GC/MS Combination), EPA Method 624 Volatile Organics, and EPA Method 625.

All other analyses were performed by an outside laboratory certified for such analyses by the Department of Health Services and in accordance with EPA guidelines and procedures.

During the year, outside laboratories performed analyses for the City for which the City's laboratory was not set up to perform. These participating laboratories were:

Aquatic Bioassay Laboratory, Ventura, California
Del Mar Analytical Laboratory, Van Nuys, California
Pat-Chem Laboratories, Moorpark, California
Montgomery Watson Laboratories, Pasadena, California

KEY

In this report the following symbols are used:

A (<) sign in a table denotes "less than".

A (>) sign denotes "greater than".

A (> =) signs denotes "greater than or equal to".

A (*) indicates "see summary" for an explanation.

A (V) denotes "in-house variable"

TABLE OF CONTENTS

<u>SUBJECT</u>	<u>PAGE</u>
INTRODUCTION	i
KEY	ii
SUMMARY DATA TABLE	1
MONTHLY AVERAGES OF INFLUENT FLOW FOR 2000	2
MONTHLY AVERAGES OF PEAK INFLUENT FLOW FOR 2000	4
MONTHLY AVERAGES OF DAILY INFLUENT MONITORING FOR 2000	
Biochemical Oxygen Demand	6
Suspended Solids	8
MONTHLY AVERAGES EFFLUENT 2000	
Million Gallons Per Day	10
Biochemical Oxygen Demand	12
Suspended Solids	14
Chloride Residual	16
Turbidity	18
Coliform Group	20
Grease and Oil	22
pH	24
Settleable Solids	26
Temperature	28
Ammonia Nitrogen	30
Total Nitrogen	32
Organic Nitrogen	34
Bioassay	36
Chronic Toxicity	38
Boron	40
Chlorides	42
Fluoride	44
Combined Nitrate-Nitrogen & Nitrite Nitrogen	46
Sulfates	48
Total Dissolves Solids	50
HAULING REPORT SUMMARY	
Solid Waste Hauled to Simi Valley Landfill	52
Solid Waste Hauled to Buttonwillow Land & Cattle Company	54
RECEIVING WATER CONSTITUENTS FOR 2000	
Flow in CFS	56
Temperature °F	58
pH	60
Biochemical Oxygen Demand	62
Dissolved Oxygen	64

TABLE OF CONTENTS (cont'd)

<u>SUBJECT</u>	<u>PAGE</u>
Chloride	66
Turbidity	68
Chlorine	70
Most Porbable Number	72
Settleable Solids	74
Nitrate Nitrogen	76
Nitrite Nitrogen	78
Ammonia Nitrogen	80
Organic Nitrogen	82
Total Nitrogen	84
Total Surfactants	86
Total Phosphates	88
Suspended Solids	90
Total Dissolves Solids	92
Oil and Grease	94
Sulphate	96
Boron	98
Hardness	100
Chronic Toxicity	102
MONTHLY AVERAGES OF DAILY TEMPERATURES AND PRECIPITATION FOR 2000	104
FEBRUARY—SEMI-ANNUAL TESTING	
Arsenic, Cadmium, Chromium, Nickel, Lead, Zinc, Chlorinated Pesticides, N and P Pesticides, BNA, Total Petroleum Hydrocarbon	106
ATTACHMENT 1 - W-12	107
ATTACHMENT 2 - W-11	108
ATTACHMENT 3 - W-10	109
ATTACHMENT 4 - QA/QC REPORT	110
AUGUST—SEMI-ANNUAL TESTING	
Arsenic, Cadmium, Chromium, Nickel, Lead, Zinc, Chlorinated Pesticides, N and P Pesticides, BNA, Total Petroleum Hydrocarbon	111
ATTACHMENT 1 - W-12	112
ATTACHMENT 2 - W-11	113
ATTACHMENT 3 - W-10	114
ATTACHMENT 4 - QA/QC REPORT	115
ANALYTICAL QUALITY ASSURANCE PROGRAM ORGANIZATION	116
CITY OF SIMI VALLEY, SANITATION DIVISION	
OPERATING PERSONNEL 2000	131
SUMMARY	132

SUMMARY DATA TABLE
VIOLATIONS OF EFFLUENT DISCHARGE REQUIREMENTS

REQUIREMENT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
<u>EFFLUENT LIMITATION</u>	--	--	--	--	--	--	--	--	--	--	--	--	0
TOTAL													0

MONTHLY AVERAGES OF INFLUENT FLOW FOR 2000

Million Gallons per Day

<u>Month</u>	<u>MGD</u>
January	8.9
February	9.4
March	9.5
April	9.2
May	9.1
June	9.3
July	9.3
August	9.1
September	9.3
October	9.3
November	9.8
December	9.4
Average	9.3
W.Q.C.B. Design (ADWF)	12.5

Monthly Averages Of Influent Flow MGD

2000 - V1



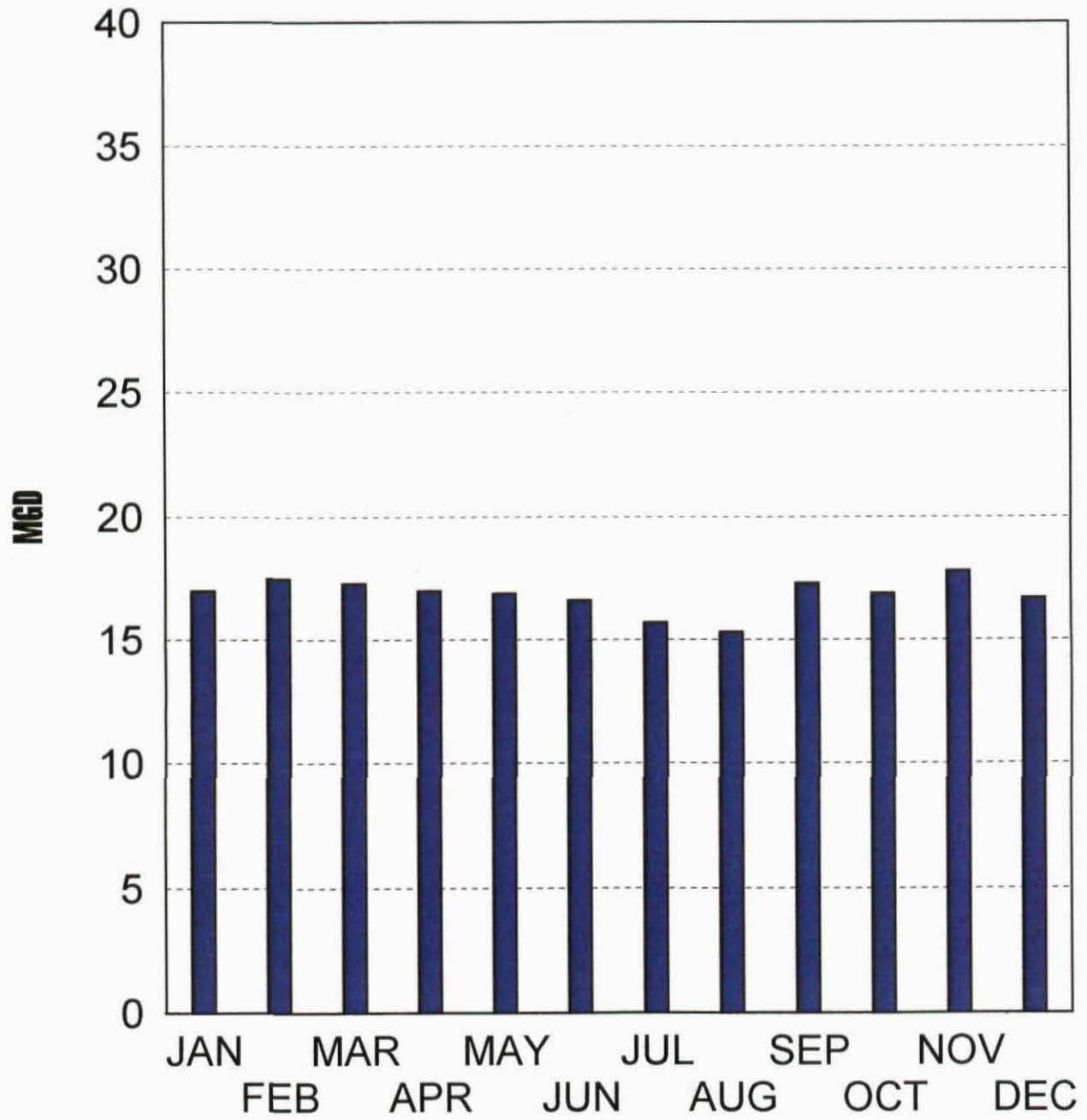
MONTHLY AVERAGES OF PEAK FLOW FOR 2000

Million Gallons per Day

<u>Month</u>	<u>MGD</u>
January	17.0
February	17.5
March	17.3
April	17.0
May	16.9
June	16.6
July	15.7
August	15.3
September	17.3
October	16.9
November	17.8
December	16.7
Average	16.8
W.Q.C.B. Limit	No Limit

Peak Influent Flow MGD

2000 - V119



MONTHLY AVERAGES OF DAILY INFLUENT
MONITORING FOR 2000

Biochemical Oxygen Demand

<u>Month</u>	<u>mg/L</u>	<u>lbs/Day</u>
January	331	24457
February	298	23405
March	286	22559
April	288	22184
May	263	20070
June	280	21814
July	230	17770
August	225	16952
September	211	16322
October	226	17555
November	244	19898
December	260	20434
Average	262	20285
W.Q.C.B. Limit	No Limit	No Limit

Monthly Averages Of Influent BOD

2000 - V307



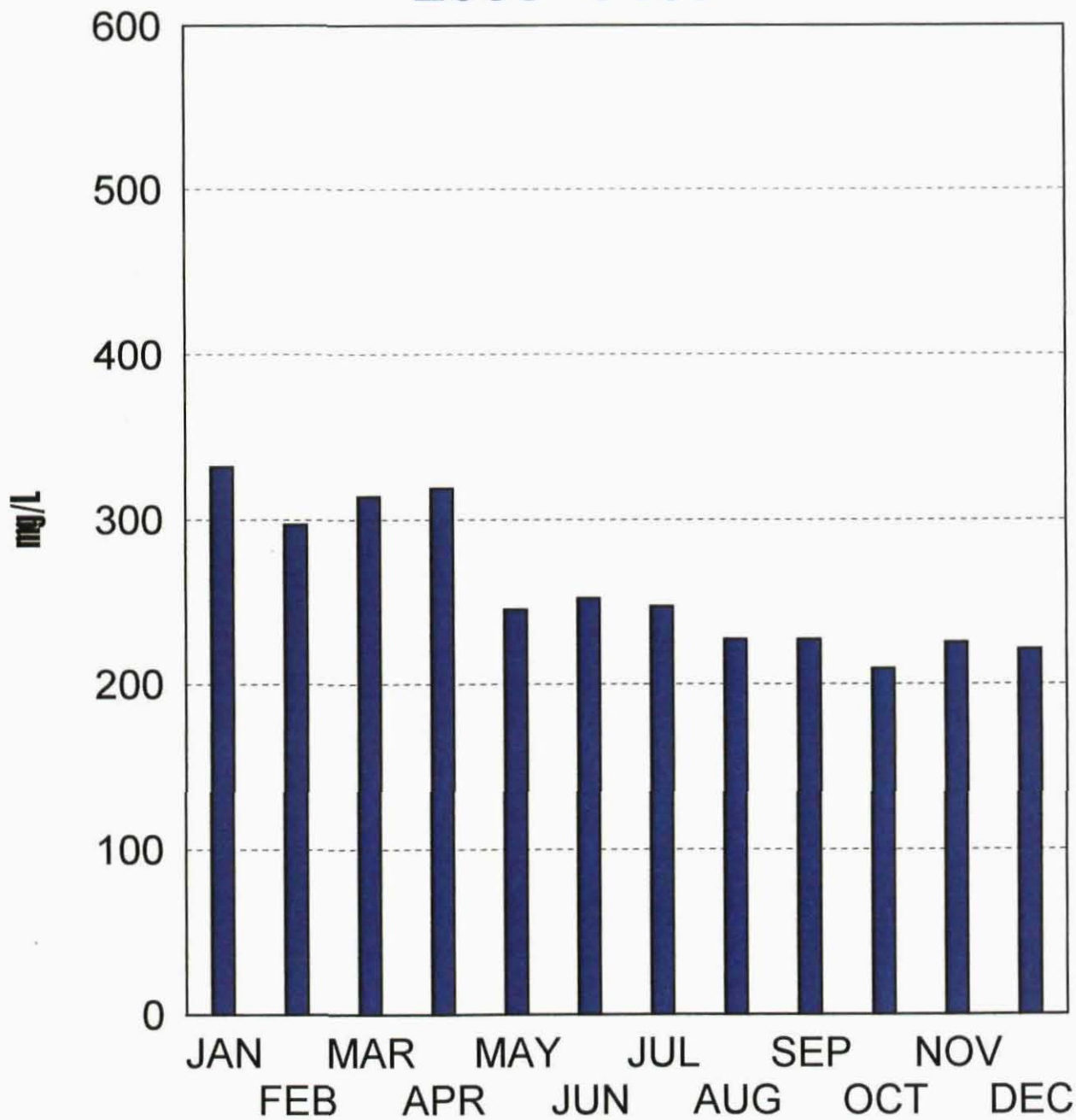
MONTHLY AVERAGES OF DAILY INFLUENT
MONITORING FOR 2000

Suspended Solids

<u>Month</u>	<u>mg/L</u>	<u>lbs/Day</u>
January	332	24462
February	297	23366
March	314	24833
April	319	24575
May	245	18691
June	252	19620
July	247	19085
August	227	17151
September	227	17532
October	209	16229
November	225	18442
December	221	17361
Average	260	20112
W.Q.C.B. Limit	No Limit	No Limit

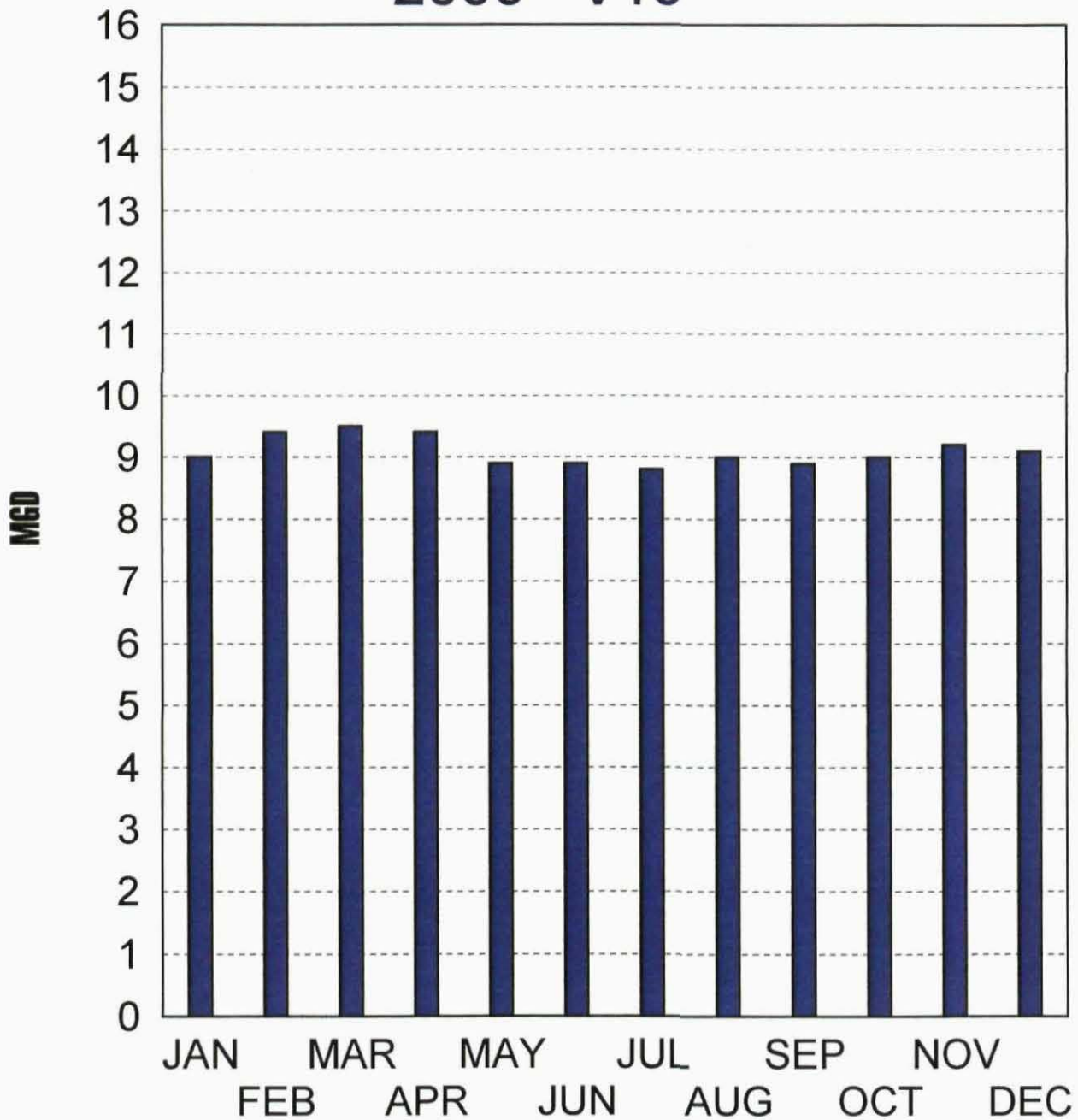
Averages Of Influent Suspended Solids

2000- V195



Monthly Averages Of Effluent Flow MGD

2000 - V10



MONTHLY AVERAGES OF EFFLUENT FLOW FOR 2000

Million Gallons per Day

<u>Month</u>	<u>MGD</u>
January	9.0
February	9.4
March	9.5
April	9.4
May	8.9
June	8.9
July	8.8
August	9.0
September	8.9
October	9.0
November	9.2
December	9.1
Average	9.0
W.Q.C.B. Limit	No Limit

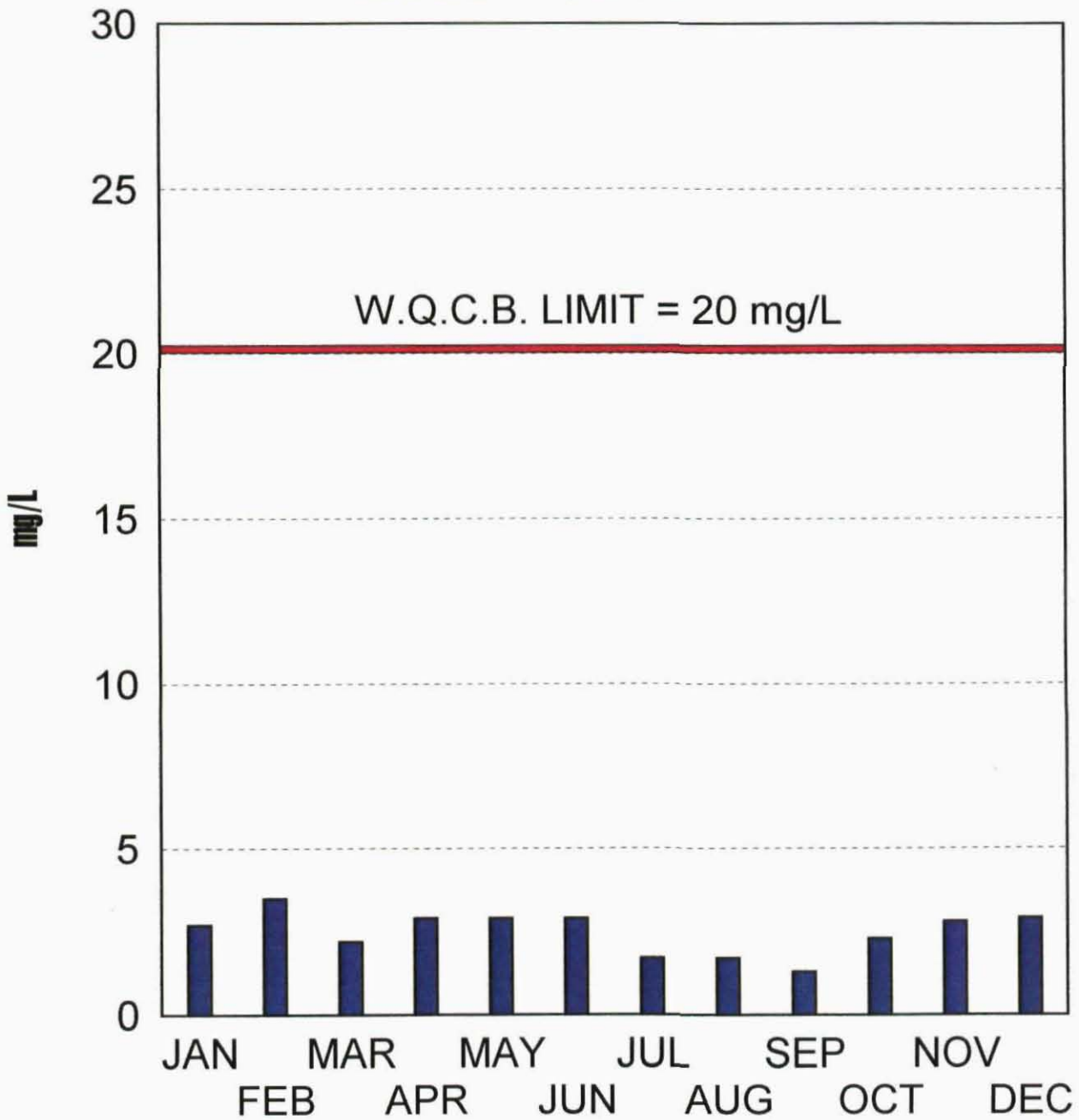
MONTHLY AVERAGES OF EFFLUENT MONITORING FOR 2000

Biochemical Oxygen Demand

<u>Month</u>	<u>mg/L</u>	<u>lbs/day</u>	<u>7 Day Average mg/L</u>	<u>7 Day Average lbs/day</u>
January	2.7	206	2.7	203
February	3.5	277	3.4	269
March	2.2	178	2.4	190
April	2.9	226	2.7	213
May	2.9	217	2.8	213
June	2.9	219	3.2	240
July	1.7	129	1.7	123
August	1.7	131	1.9	143
September	1.3	97	1.2	93
October	2.3	176	2.3	169
November	2.8	216	2.9	220
December	2.9	220	2.6	194
Average	2.48	191	2.5	189
W.Q.C.B. Limit	20	2085	30	3130

Monthly Averages Of Daily Effluent BOD

2000 - V311



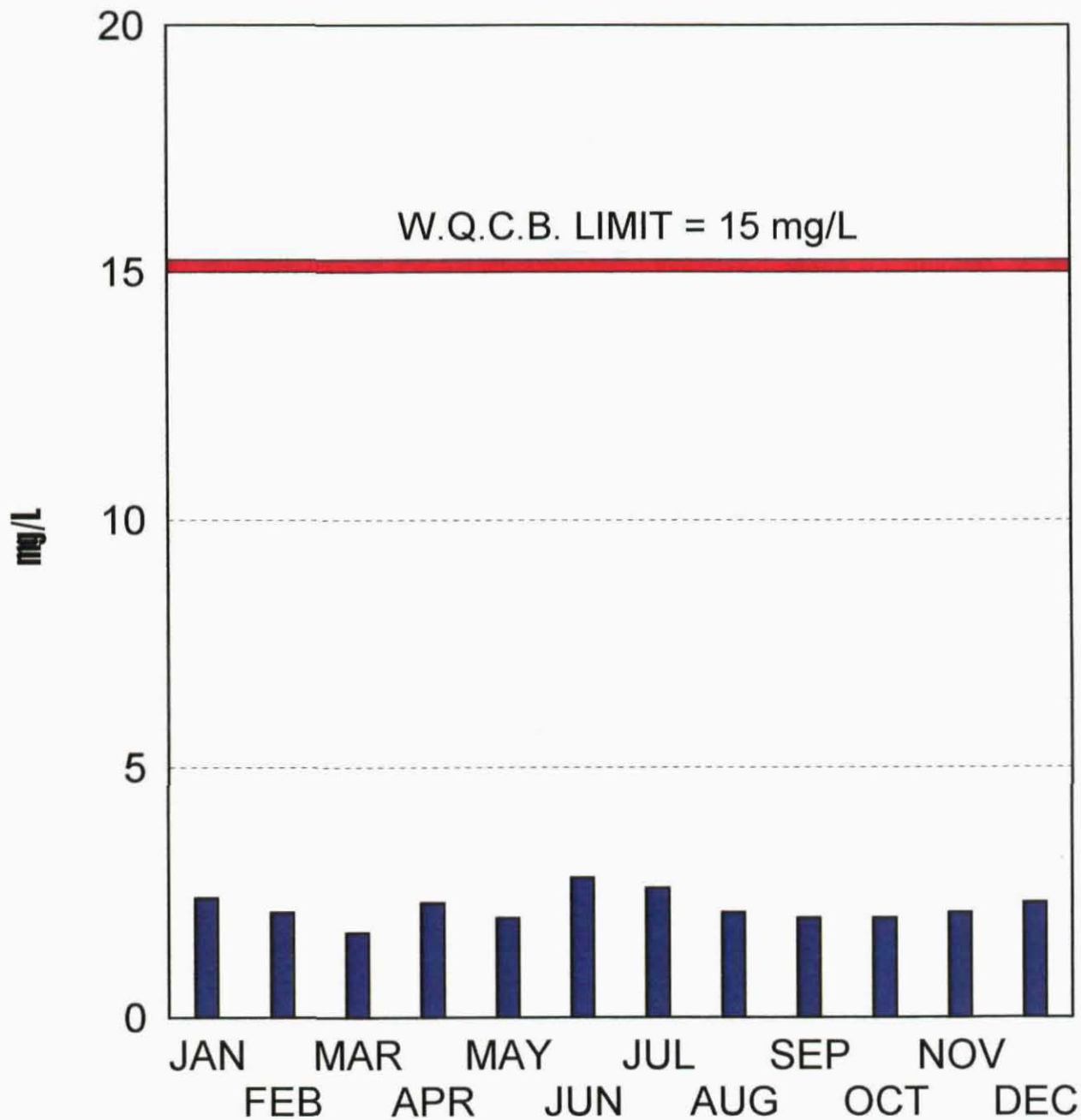
MONTHLY AVERAGES OF EFFLUENT MONITORING FOR 2000

Suspended Solids

<u>Month</u>	<u>mg/L</u>	<u>lbs/day</u>	<u>7 Day Average mg/L</u>	<u>7 Day Average lbs/day</u>
January	2.4	182	2.4	179
February	2.1	167	2.2	168
March	1.7	137	1.8	140
April	2.3	176	2.2	174
May	2.0	151	2.0	149
June	2.8	208	2.8	206
July	2.6	189	2.6	188
August	2.1	158	2.2	163
September	2.0	147	2.0	146
October	2.0	152	2.0	153
November	2.1	159	2.1	158
December	2.3	176	2.3	176
Average	2.2	167	2.2	167
W.Q.C.B. Limit	15	1560	40	4690

Averages Of Effluent Suspended Solids

2000 - V202



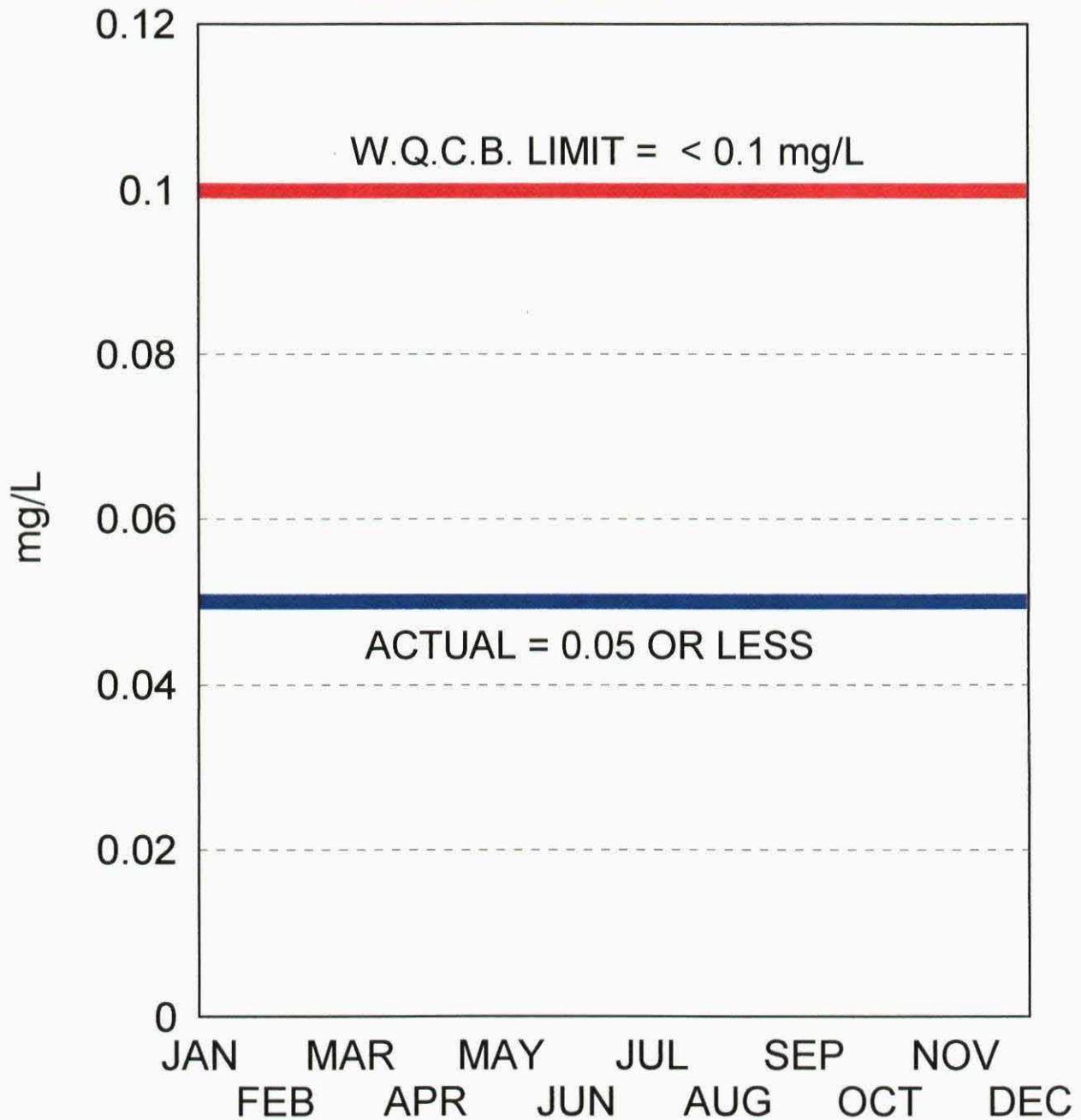
MONTHLY MAXIMUM EFFLUENT STRIP CHART
MONITORING FOR 2000

Chlorine Residual - mg/L

<u>Month</u>	<u>mg/L</u>
January	0.0
February	0.0
March	0.0
April	0.0
May	0.0
June	0.0
July	0.0
August	0.0
September	0.0
October	0.0
November	0.0
December	0.0
Average	0.0
W.Q.C.B. Limit	0.1

Maximum Effluent Chlorine Residual

2000 - V117



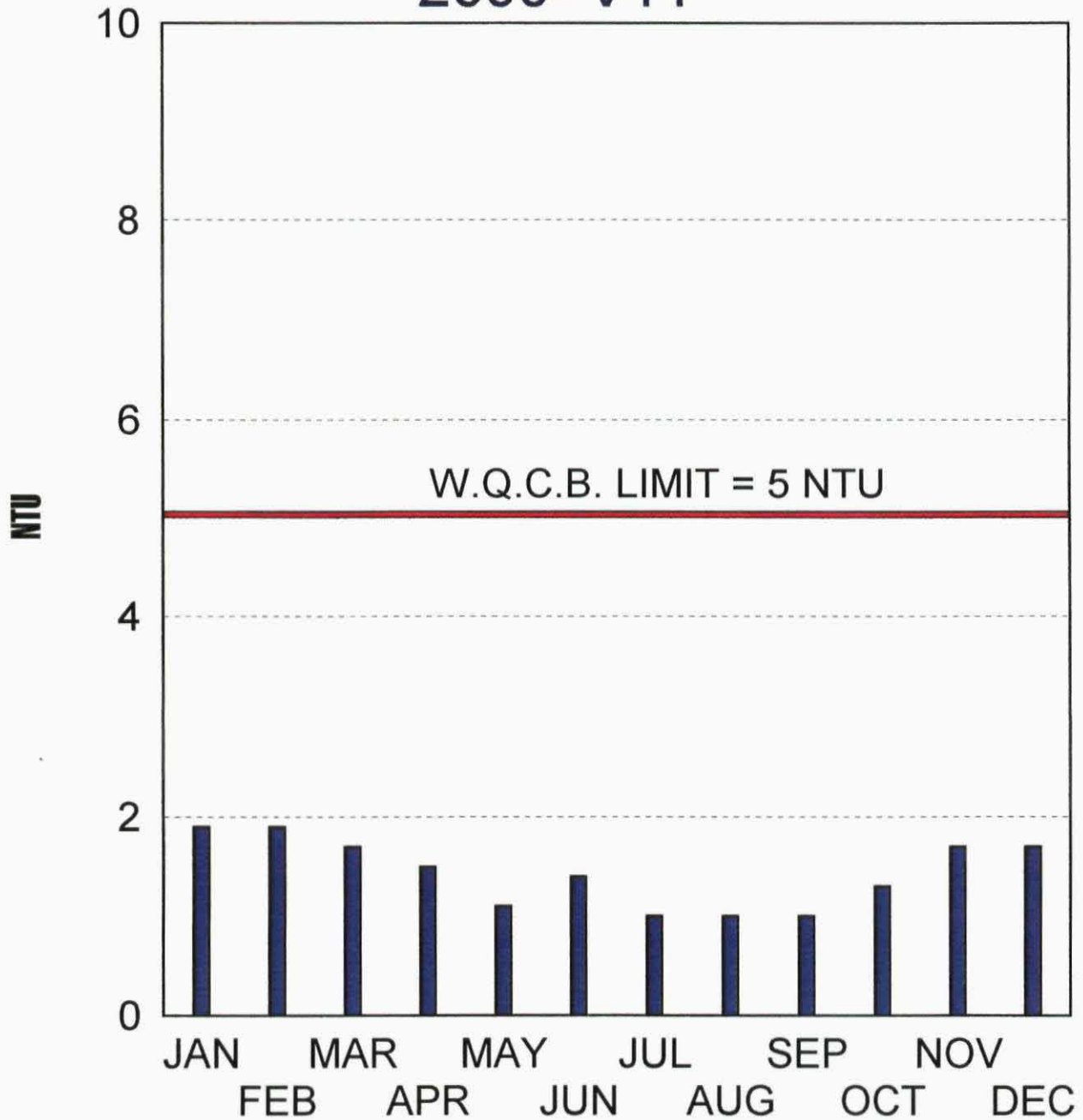
MONTHLY AVERAGES OF DAILY STRIP CHART
MONITORING 2000

Turbidity

<u>Month</u>	<u>NTU</u>
January	1.9
February	1.9
March	1.7
April	1.5
May	1.1
June	1.4
July	1.0
August	1.0
September	1.0
October	1.3
November	1.7
December	1.7
Average	1.4
W.Q.C.B. Limit	5.0

Averages Of Effluent Turbidity

2000- V11

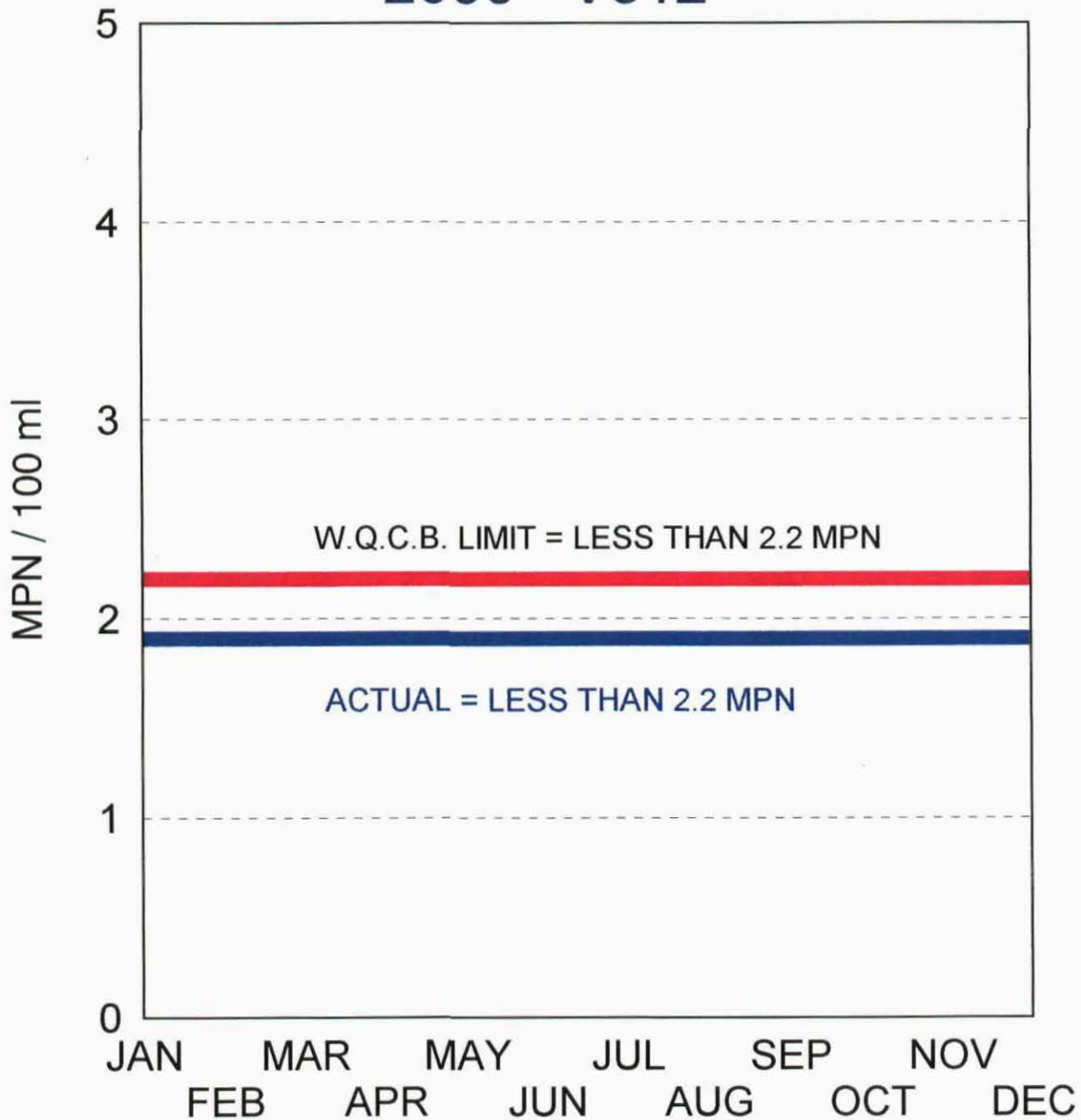


MONTHLY MEDIAN OF DAILY EFFLUENT
MONITORING FOR 2000

Coliform Group

<u>Month</u>	<u>MPN/100 ml</u>
January	<2
February	<2
March	<2
April	<2
May	<2
June	<2
July	<2
August	<2
September	<2
October	<2
November	<2
December	<2
7 Day Median Average	<2
W.Q.C.B. Limit	2.2

Median Of Effluent Coliform Group 2000 - V312



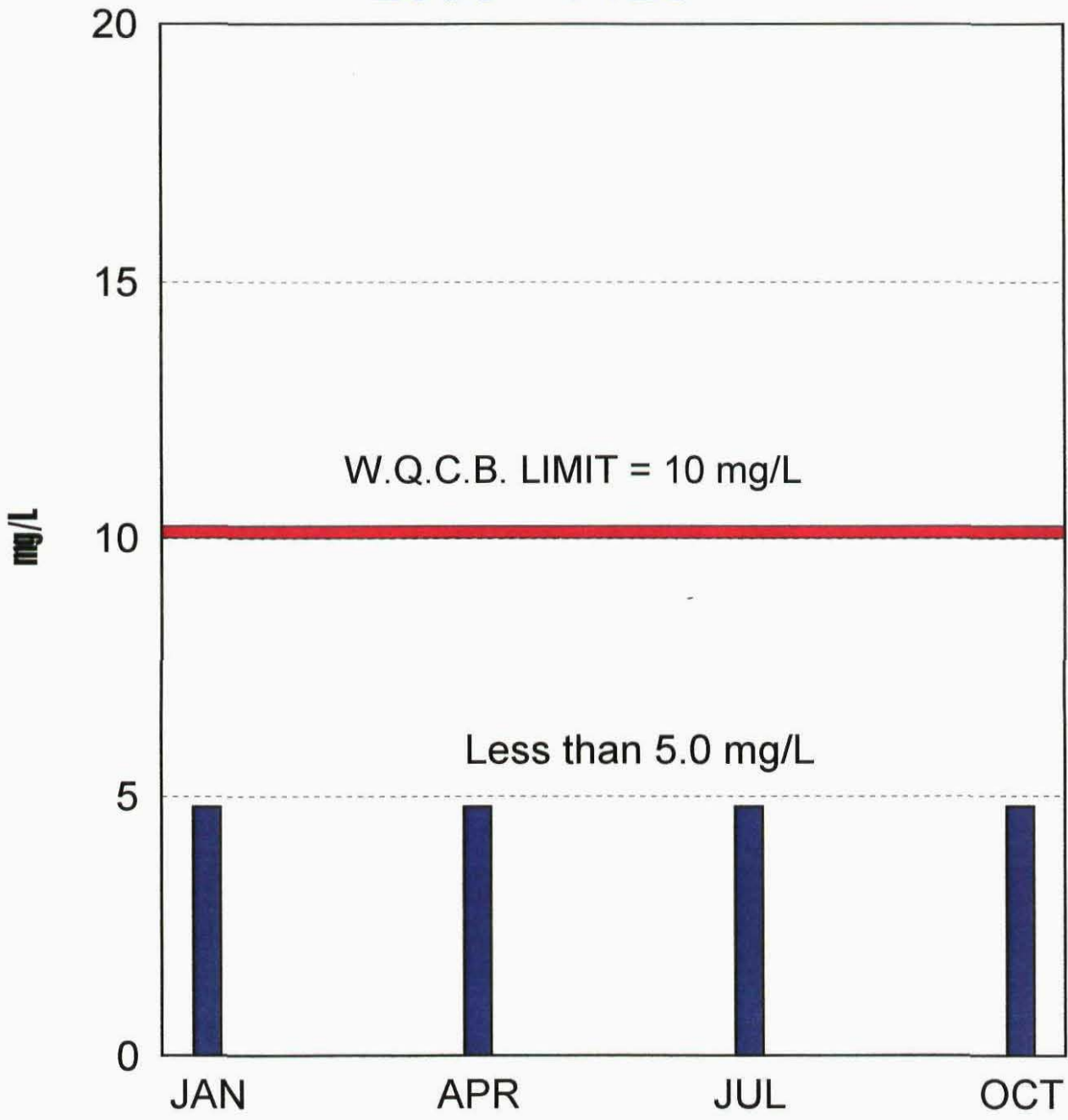
MONTHLY AVERAGES OF WEEKLY EFFLUENT
MONITORING FOR 2000

Grease and Oil (mg/L)

<u>Month</u>	<u>mg/L</u>	<u>lbs/day</u>
January	< 5	N/A
April	< 5	N/A
July	< 5	N/A
October	< 5	N/A
Average	< 5	N/A
W.Q.C.B. Limit	10	1040

Monthly Averages Of Grease And Oil

2000 - V125



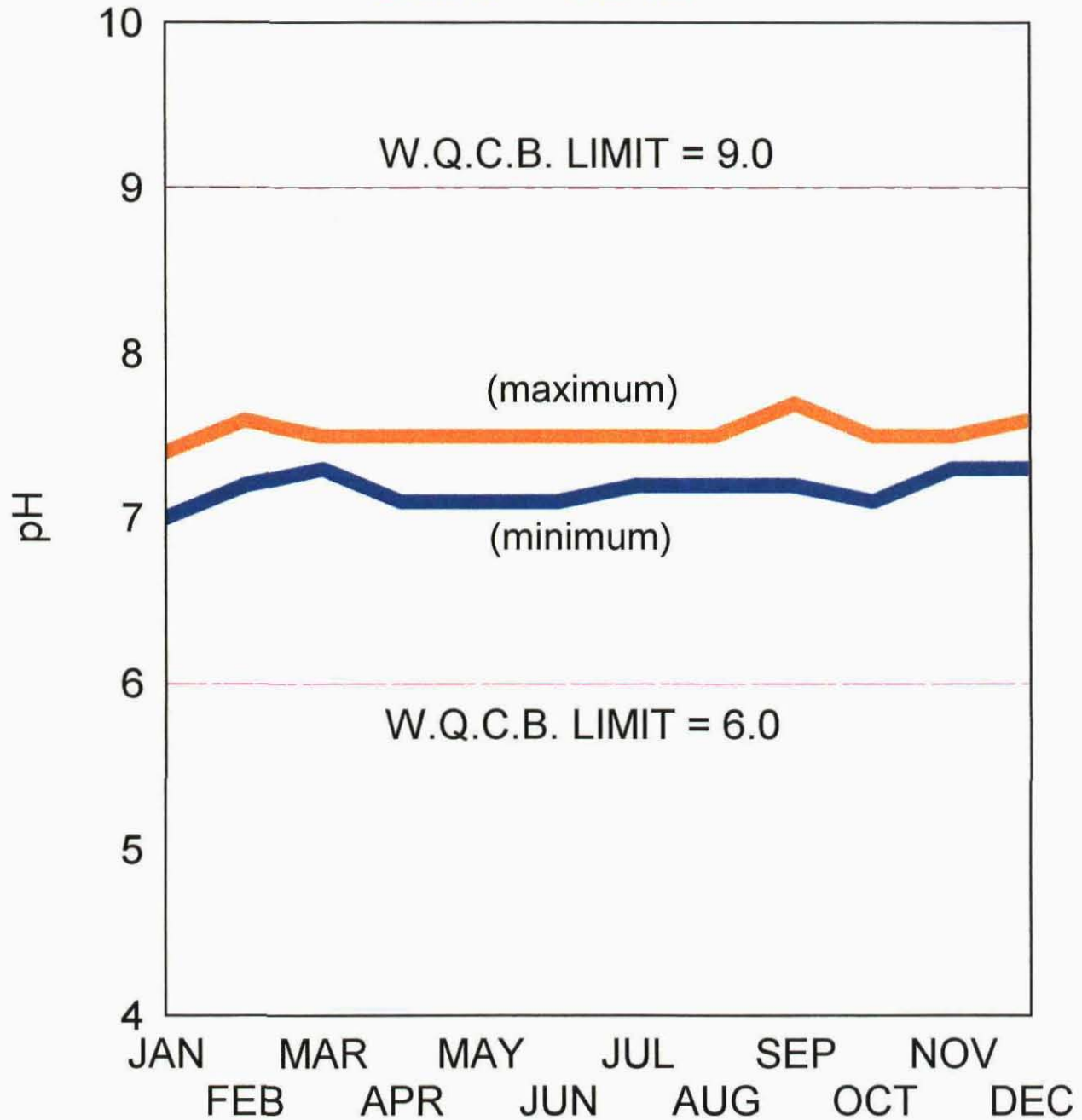
MONTHLY SUMMARY OF EFFLUENT MONITORING
FOR 2000

pH

<u>Month</u>	<u>Minimum</u>	<u>Maximum</u>
January	7.0	7.4
February	7.2	7.6
March	7.3	7.5
April	7.1	7.5
May	7.1	7.5
June	7.2	7.5
July	7.2	7.5
August	7.2	7.5
September	7.2	7.7
October	7.1	7.5
November	7.3	7.5
December	7.3	7.6
Average	7.2	7.5
W.Q.C.B. Limit	Min. 6.0	Max. 9.0

Min And Max Of Effluent pH

2000 - V216

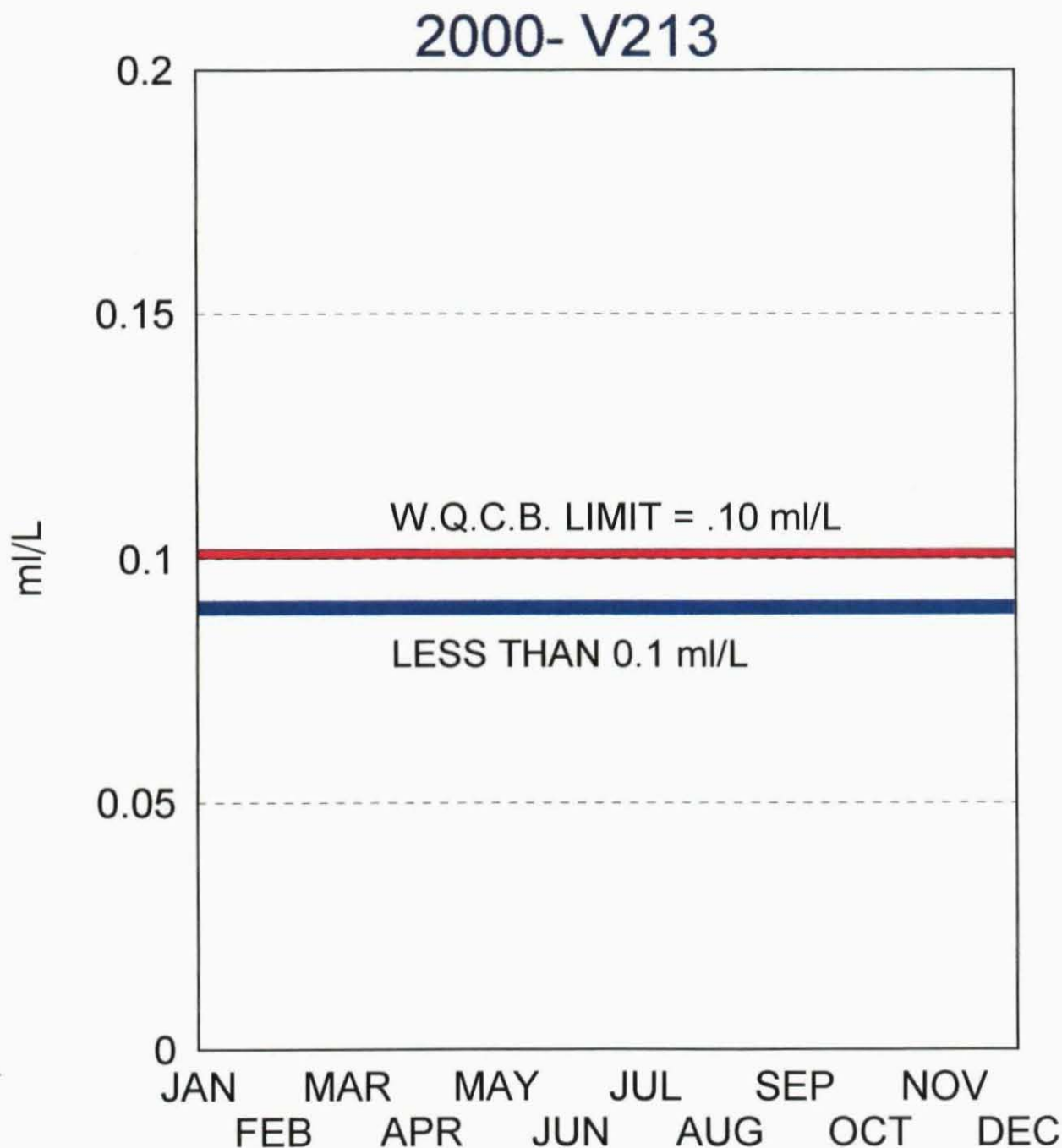


MONTHLY AVERAGES OF WEEKLY EFFLUENT
MONITORING FOR 2000

Settleable Solids

<u>Month</u>	<u>ml/L</u>
January	<0.1
February	<0.1
March	<0.1
April	<0.1
May	<0.1
June	<0.1
July	<0.1
August	<0.1
September	<0.1
October	<0.1
November	<0.1
December	<0.1
Average	<0.1
W.Q.C.B. Limit	0.1

Effluent Average Of Settleable Solids



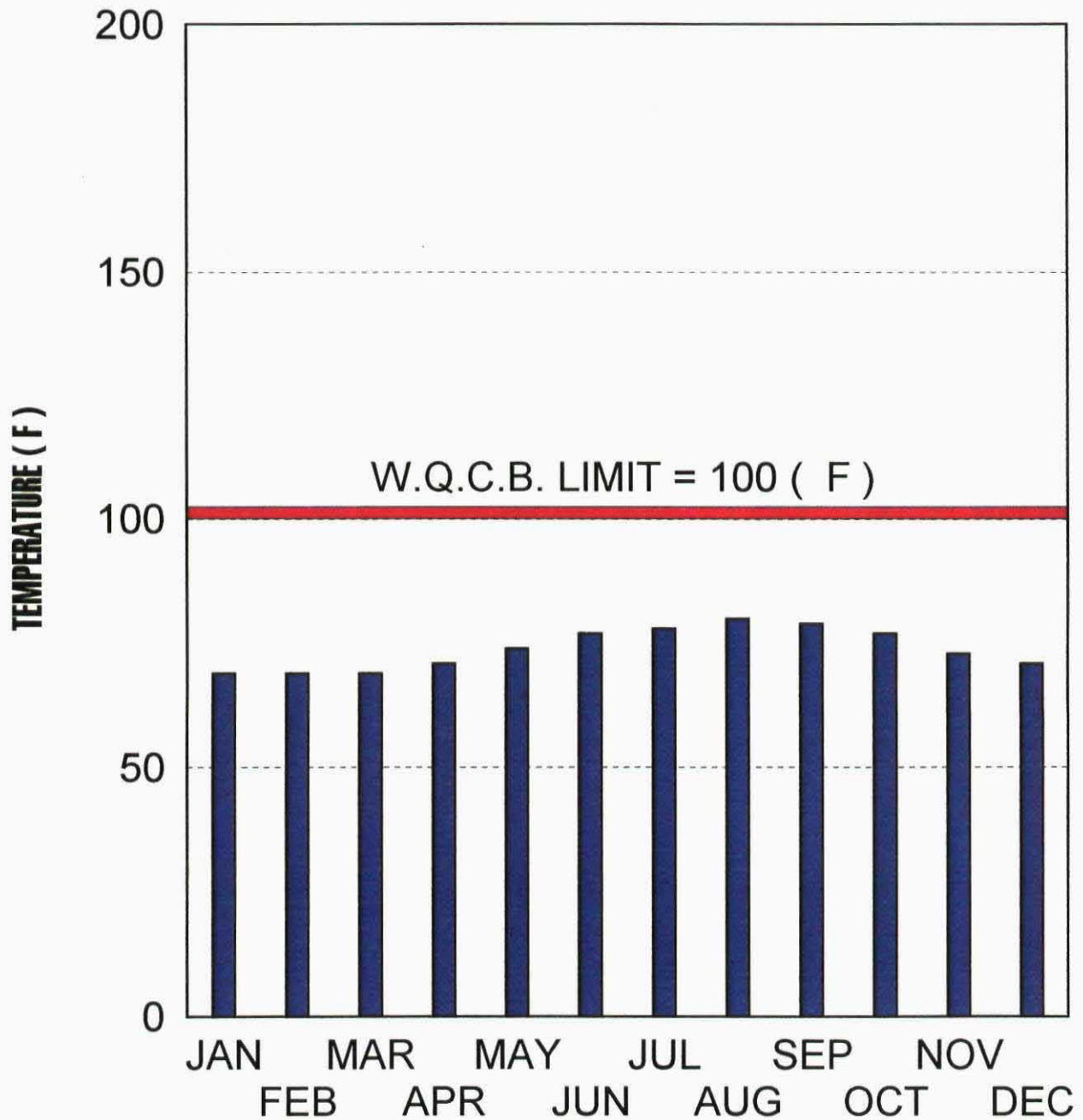
AVERAGE EFFLUENT TEMPERATURE FOR 2000

Temperature

<u>Month</u>	<u>°F</u>
January	69
February	69
March	69
April	71
May	74
June	77
July	78
August	80
September	79
October	77
November	73
December	71
Average	74
W.Q.C.B. Limit	100°F

Average Effluent Temperature

2000 - V214



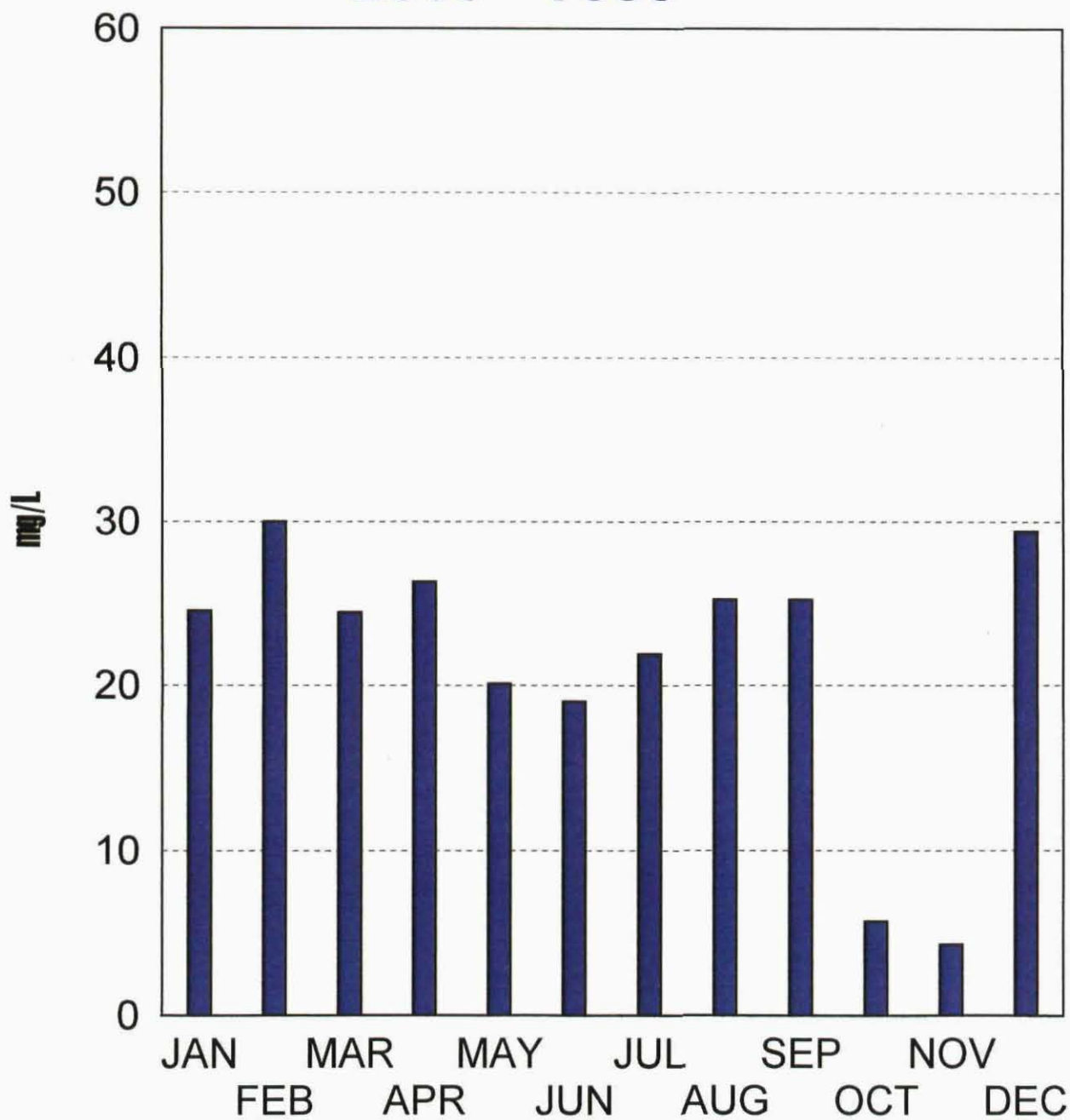
MONTHLY EFFLUENT MONITORING FOR 2000

Ammonia Nitrogen

<u>Month</u>	<u>mg/L</u>	<u>lbs/day</u>
January	24.5	1816
February	30.0	2119
March	24.4	1982
April	26.3	1764
May	20.1	1346
June	19.0	1420
July	21.9	1563
August	25.2	1927
September	25.2	1915
October	5.7	428
November	4.3	336
December	29.4	2195
Average	21.3	1568
W.Q.C.B. Limit	No Limit	No Limit

Effluent Ammonia Nitrogen

2000 - V350



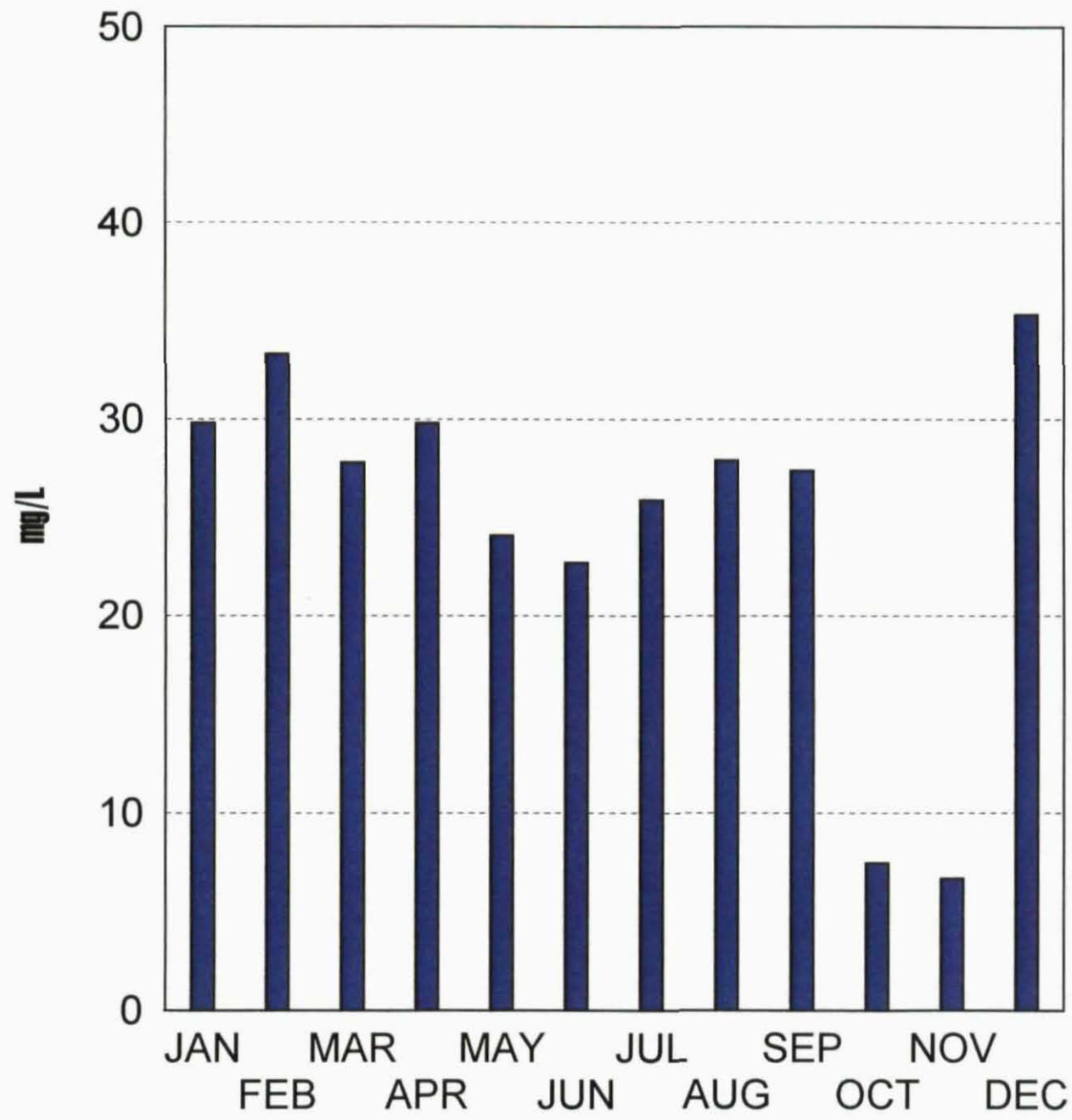
MONTHLY EFFLUENT MONITORING FOR 2000

Total Nitrogen

<u>Month</u>	<u>mg/L</u>	<u>lbs/day</u>
January	29.8	2209
February	33.3	2352
March	27.8	2258
April	29.8	1998
May	24.1	1611
June	22.7	1696
July	25.9	1849
August	27.9	2134
September	27.4	2082
October	7.6	564
November	6.7	524
December	35.3	2635
Average	24.8	1826
W.Q.C.B. Limit	No Limit	No Limit

Effluent Total Nitrogen

2000 - V319



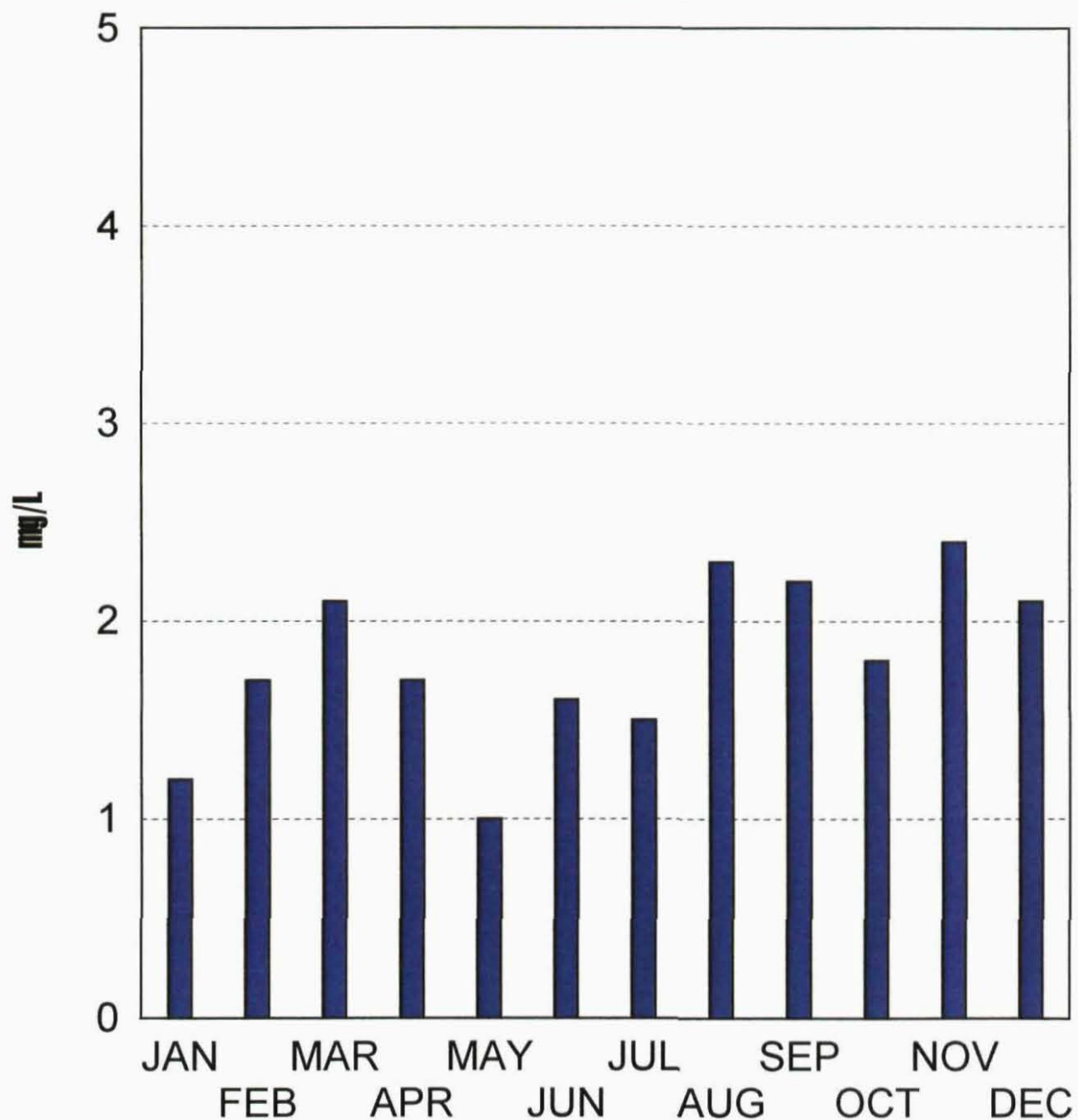
MONTHLY EFFLUENT MONITORING FOR 2000

Organic Nitrogen

<u>Month</u>	<u>mg/L</u>	<u>lbs/day</u>
January	1.2	90
February	1.7	120
March	2.1	168
April	1.7	114
May	1.0	67
June	1.6	120
July	1.5	107
August	2.3	176
September	2.2	167
October	1.8	135
November	2.4	188
December	2.1	157
Average	1.8	134
W.Q.C.B. Limit	No Limit	No Limit

Effluent Organic Nitrogen

2000 - V348



MONTHLY EFFLUENT MONITORING 2000

Bioassay

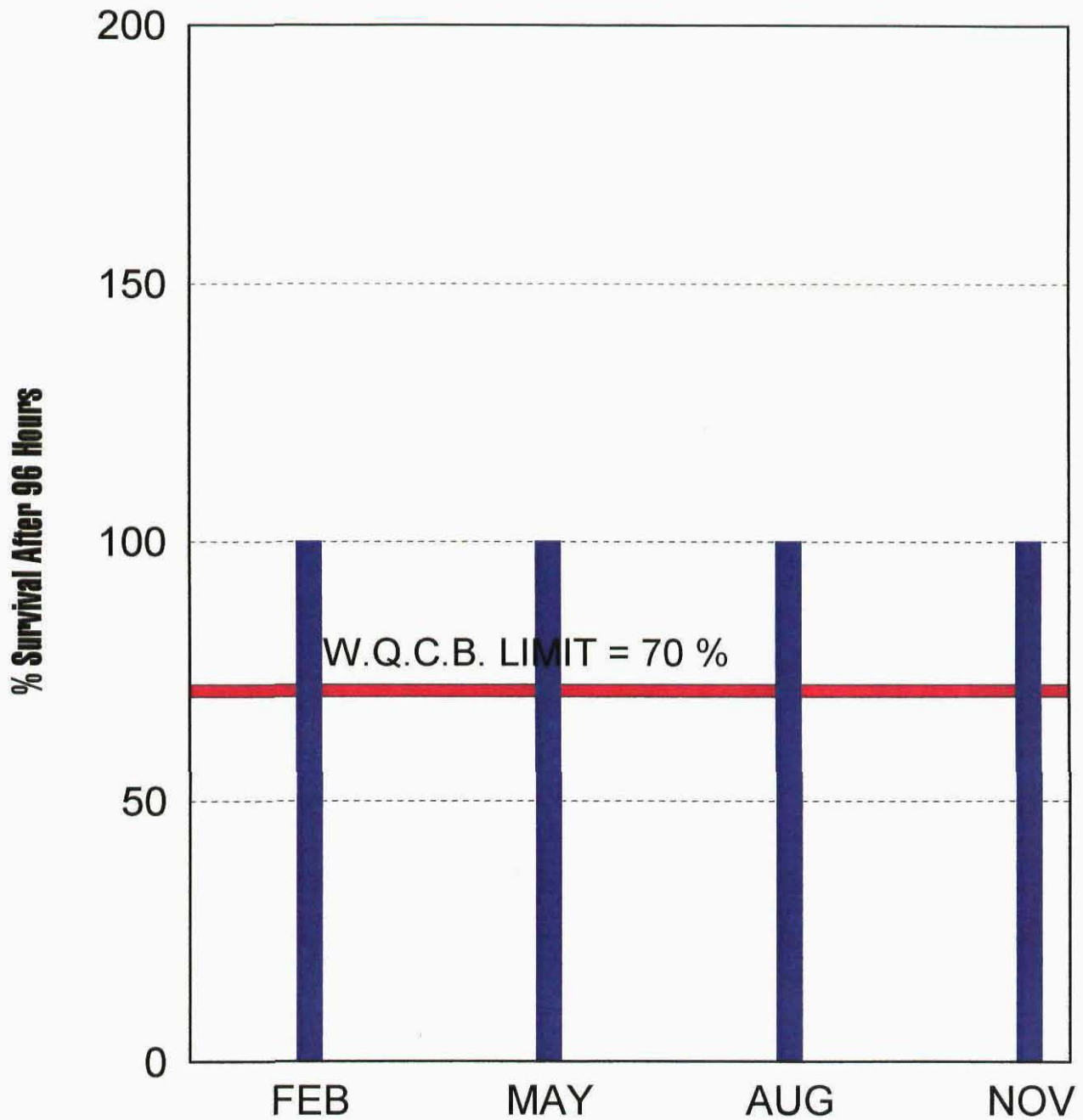
<u>Month</u>	<u>% Survival after 96 Hours</u>
February	100
May	100
August	100
November	100
Average	100

W.Q.C.B. Limit

Average survival in the undiluted effluent for any three (3) consecutive 96 hours static or continuous flow bioassay tests shall be at least 90%, with no single test less than 70% survival.

Effluent Bioassay

2000 - V351



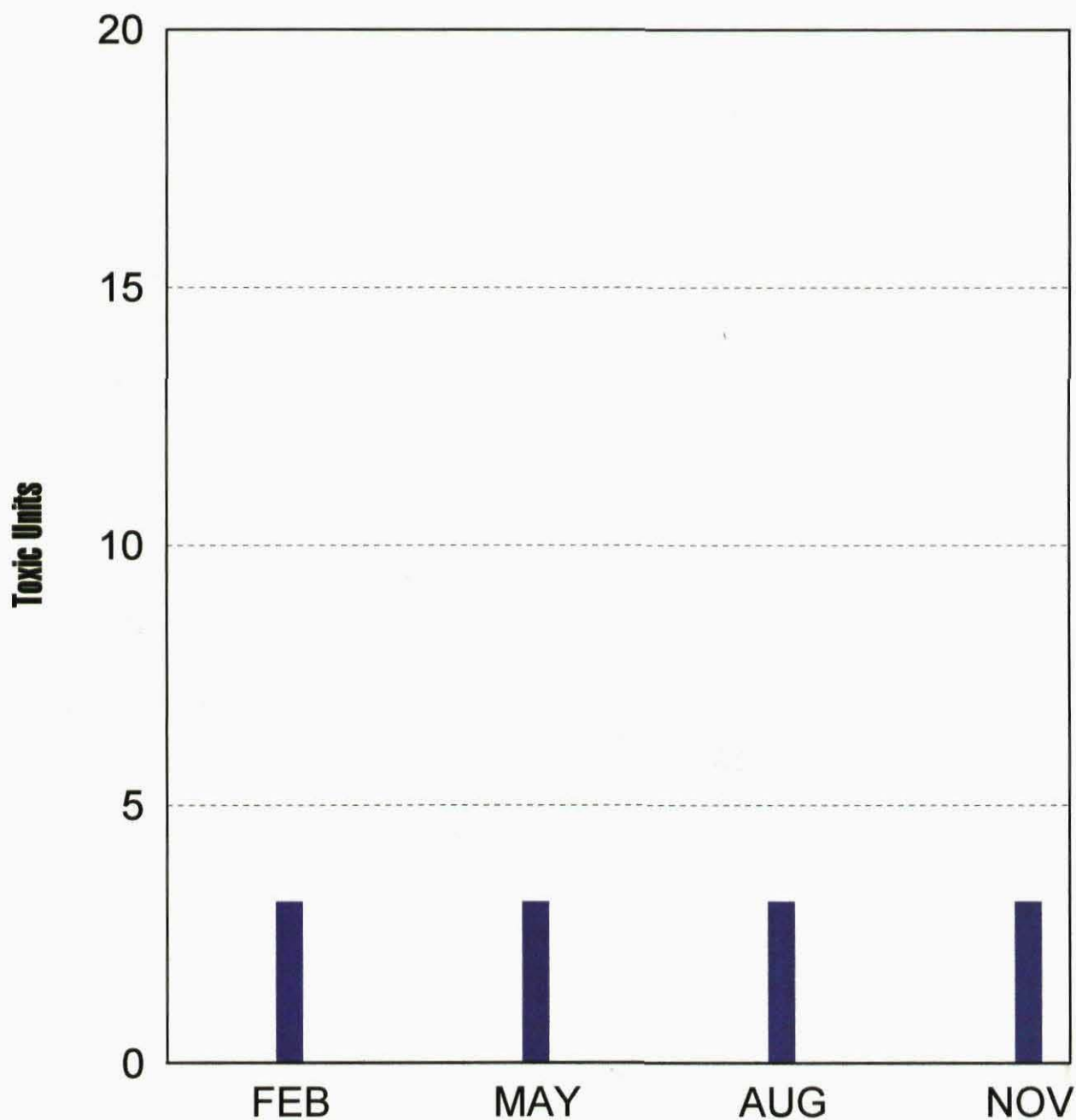
MONTHLY EFFLUENT MONITORING FOR 2000

Chronic Toxicity TUc

<u>Month</u>	<u>TUc</u>
February	3.13
May	3.13
August	3.13
November	3.13
Average	3.13
W.Q.C.B. Limit	No Limit

Chronic Toxicity Survival

2000 - V763



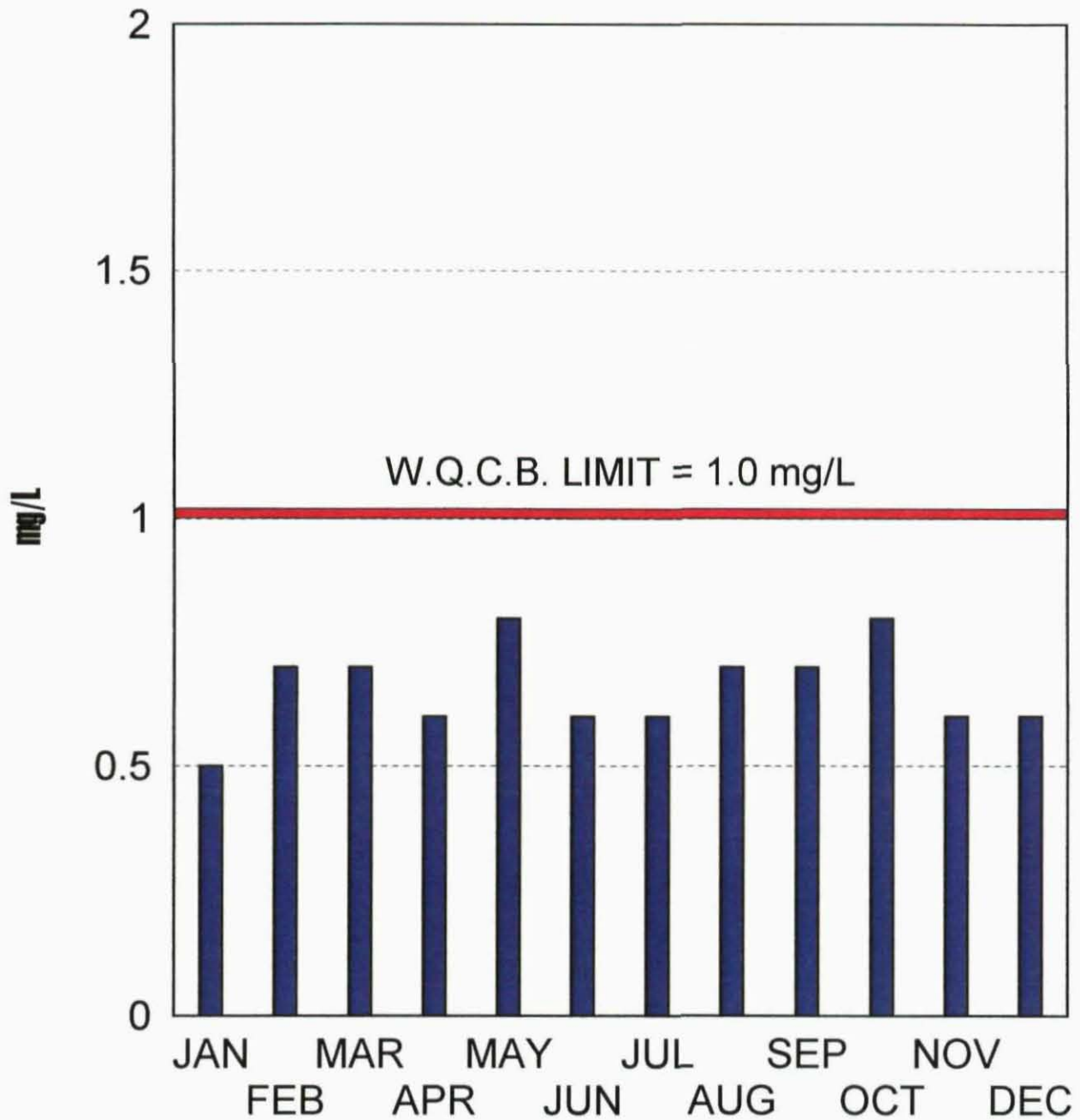
MONTHLY EFFLUENT MONITORING FOR 2000

Boron

<u>Month</u>	<u>mg/L</u>	<u>lbs/day</u>
January	0.5	40
February	0.7	48
March	0.7	54
April	0.6	43
May	0.8	53
June	0.6	47
July	0.6	44
August	0.7	57
September	0.7	50
October	0.8	57
November	0.6	47
December	0.6	43
Average	0.7	49
W.Q.C.B. Limit	1.0	104

Monthly Effluent Boron

2000 - V352



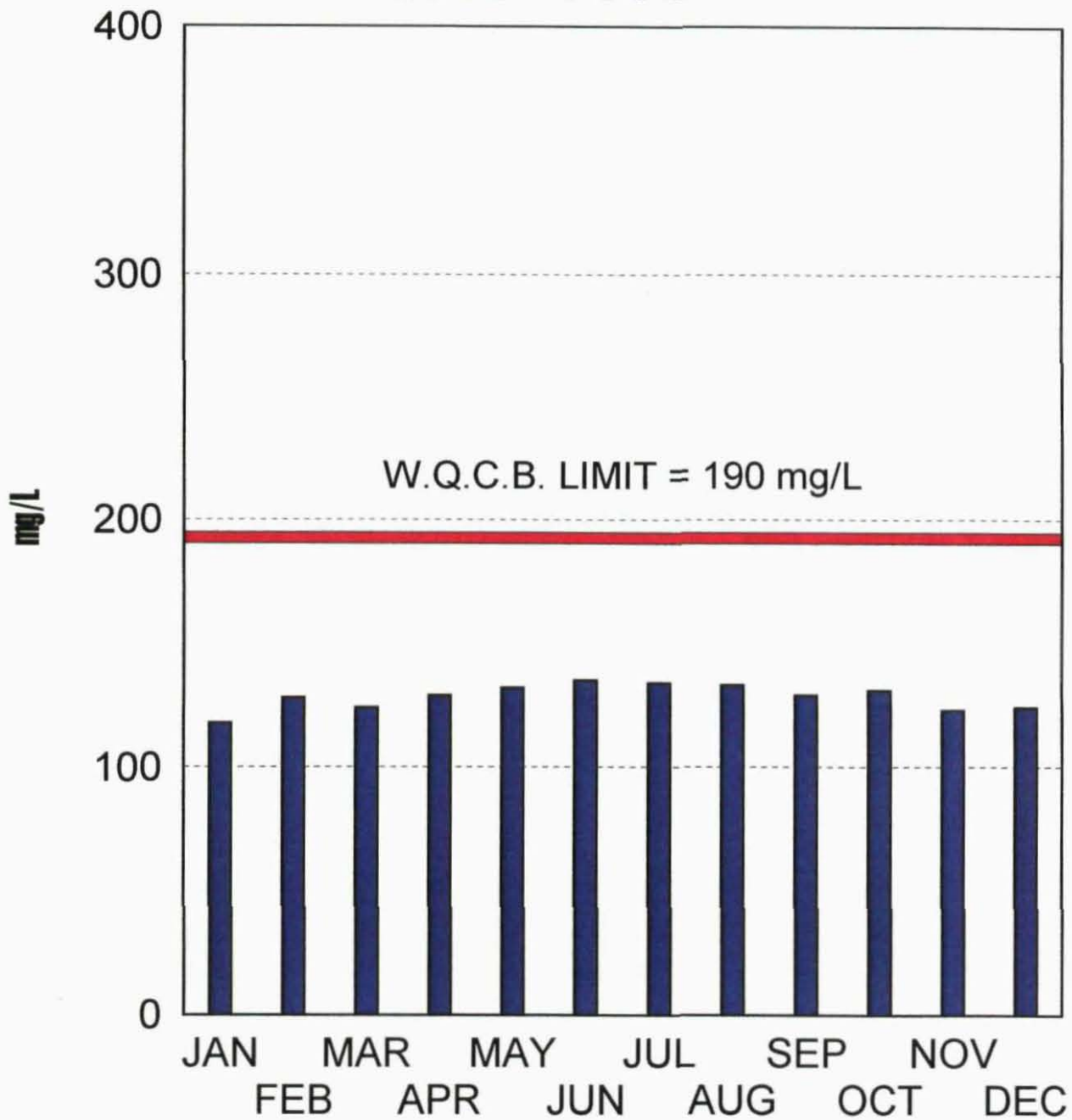
MONTHLY EFFLUENT MONITORING FOR 2000

Chlorides

<u>Month</u>	<u>mg/L</u>	<u>lbs/day</u>
January	118	8749
February	128	9042
March	124	10073
April	129	8650
May	132	8840
June	135	10088
July	134	9566
August	133	10172
September	129	9801
October	131	9844
November	123	9622
December	124	9256
Average	128	9475
W.Q.C.B. Limit	190	15638

Monthly Effluent Chlorides

2000- V353



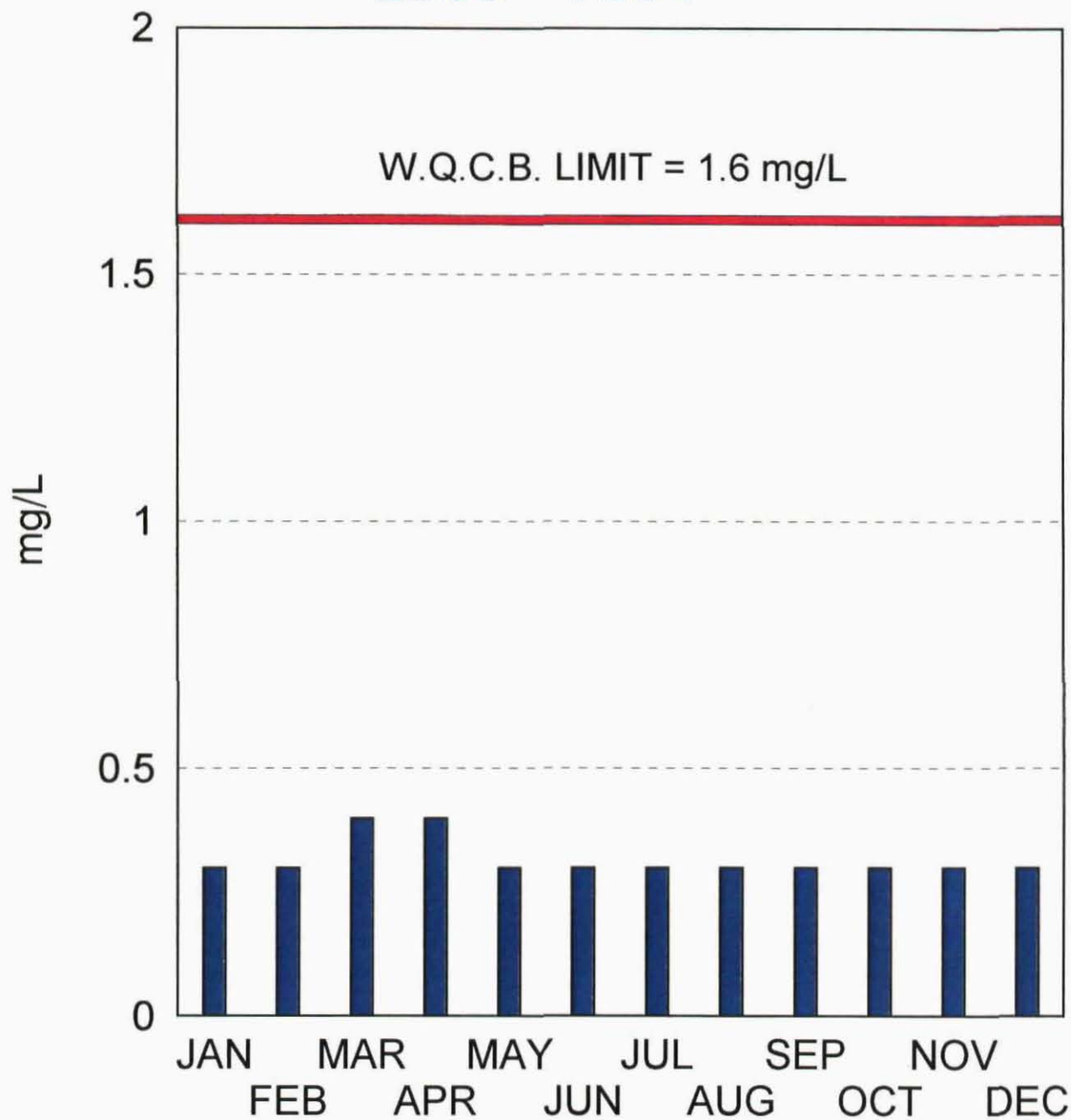
MONTHLY EFFLUENT MONITORING FOR 2000

Fluoride

<u>Month</u>	<u>mg/L</u>	<u>lbs/day</u>
January	0.3	24
February	0.3	23
March	0.4	28
April	0.4	24
May	0.3	23
June	0.3	25
July	0.3	21
August	0.3	23
September	0.3	19
October	0.3	19
November	0.3	20
December	0.3	19
Average	0.3	22
W.Q.C.B. Limit	1.6	167

Monthly Effluent Fluorides

2000 - V354



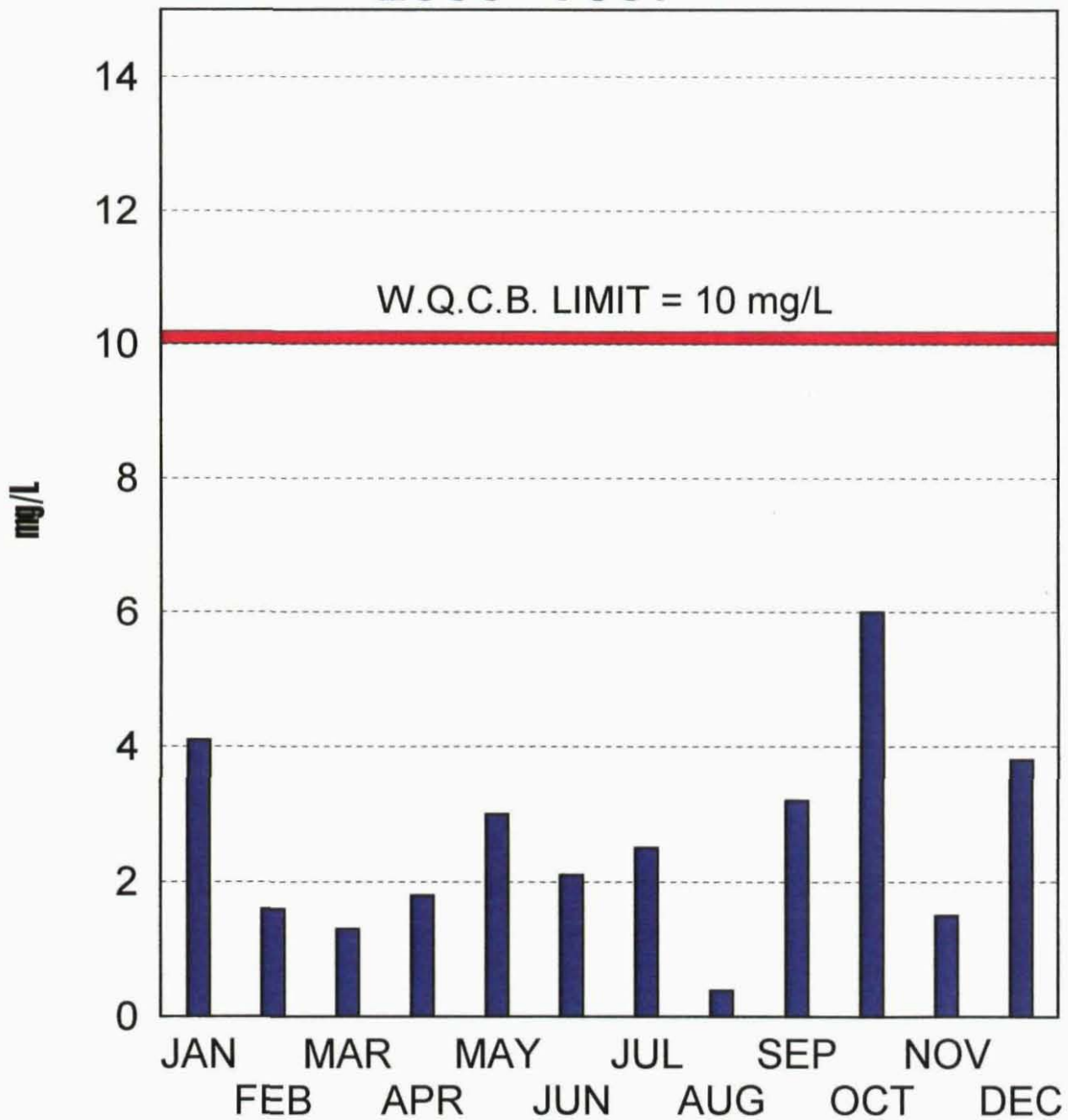
MONTHLY EFFLUENT MONITORING FOR 2000

Combined Nitrate Nitrogen & Nitrite Nitrogen

<u>Month</u>	<u>mg/L</u>	<u>lbs/Day</u>
January	4.1	306
February	1.6	114
March	1.3	104
April	1.8	122
May	3.0	198
June	2.1	160
July	2.5	162
August	0.4	32
September	3.2	241
October	6.0	447
November	1.5	114
December	3.8	285
Average	2.6	192
W.Q.C.B. Limit	10.0	1040
Nitrate-N + Nitrite-N		

Effluent Nitrate - N + Nitrite - N

2000- V357



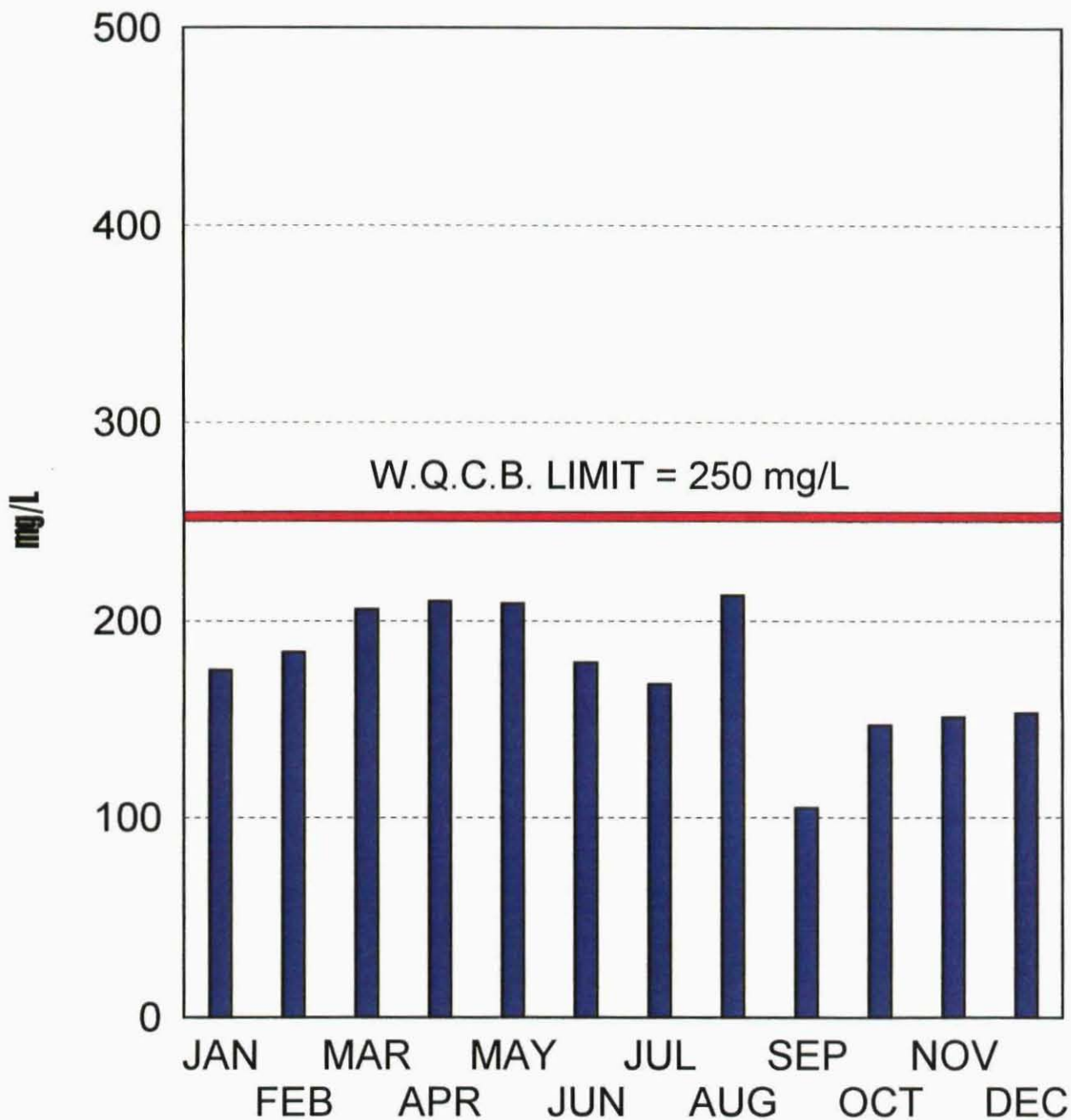
MONTHLY EFFLUENT MONITORING FOR 2000

Sulfates

<u>Month</u>	<u>mg/L</u>	<u>lbs/day</u>
January	175	12975
February	184	12998
March	206	16734
April	210	14081
May	209	13997
June	179	13376
July	168	11994
August	213	16290
September	105	7978
October	147	11046
November	151	11813
December	153	11420
Average	176	12892
W.Q.C.B. Limit	250	26100

Monthly Effluent Sulfate

2000 - V358



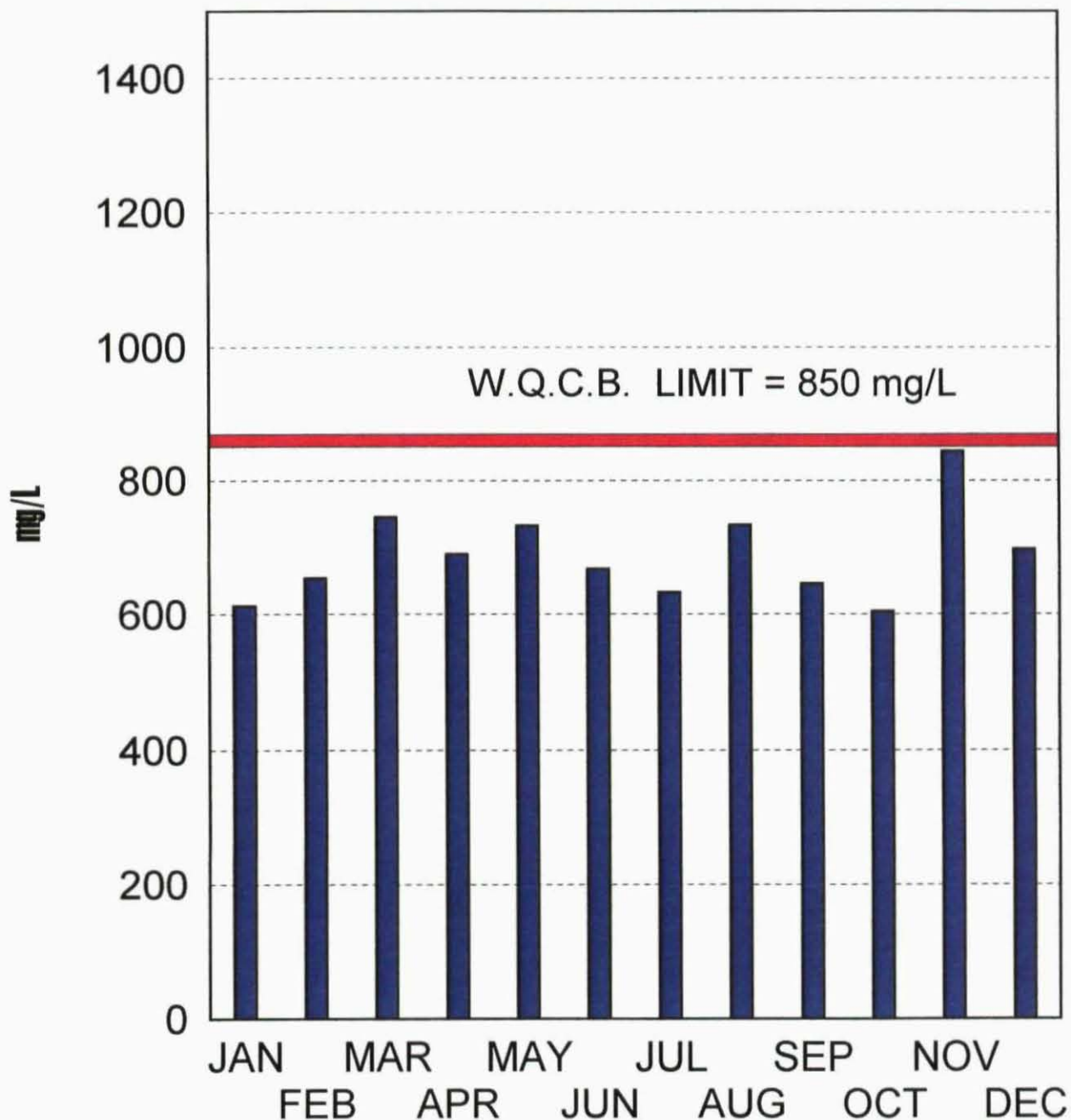
MONTHLY EFFLUENT MONITORING FOR 2000

Total Dissolved Solids

<u>Month</u>	<u>mg/L</u>	<u>lbs/day</u>
January	612	45375
February	653	46128
March	745	60518
April	689	46200
May	732	49022
June	667	49843
July	632	45119
August	733	56058
September	645	49005
October	604	45387
November	844	66025
December	696	51952
Average	688	50886
W.Q.C.B. Limit	850	88613

Total Dissolved Solids

2000 - V273



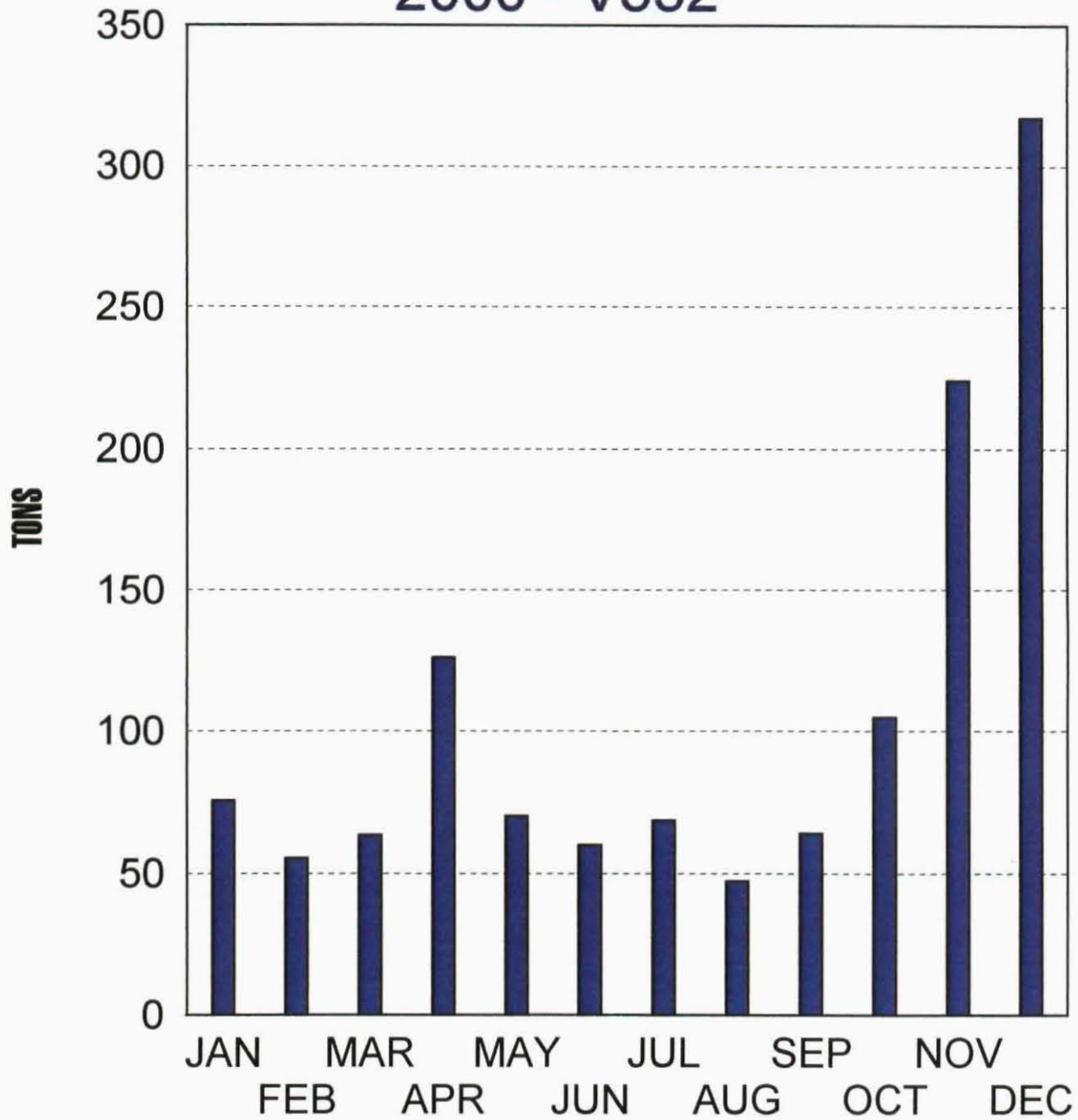
HAULING REPORT SUMMARY FOR 2000

Solid Waste Hauled to Simi Valley Landfill

<u>Month</u>	<u>Dried Sludge Rags & Grit (Tons)</u>
January	75.5
February	55.3
March	63.4
April	125.9
May	69.9
June	59.6
July	68.5
August	47.2
September	63.8
October	104.8
November	224.0
December	317.4
Total	1275.6
Average	106.3

Solids Hauled To Simi Valley Landfill

2000 - V332



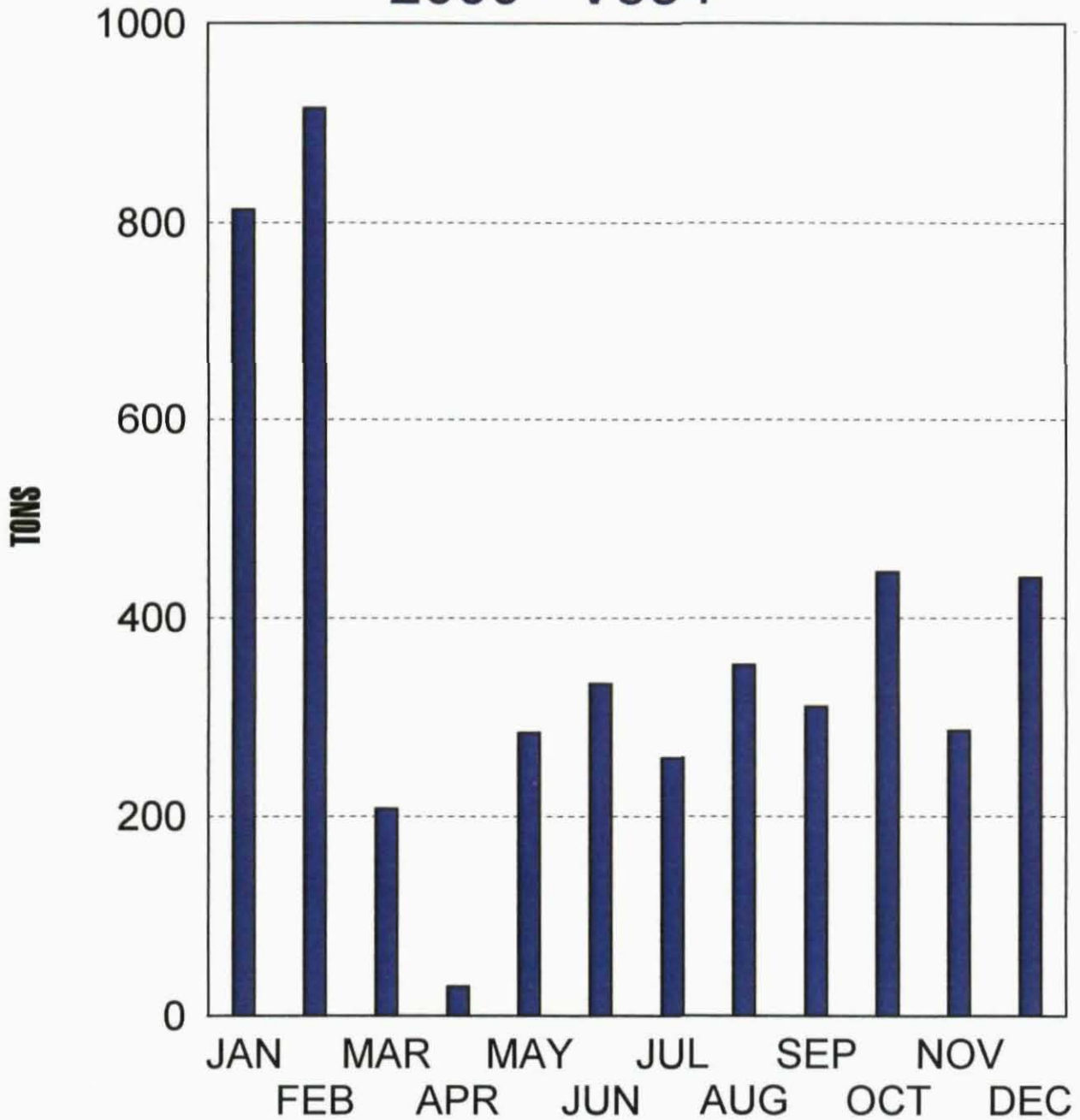
HAULING REPORT SUMMARY FOR 2000

Solid Waste Hauled to Buttonwillow Land & Cattle Company

<u>Month</u>	<u>Dried Biosolids (Tons)</u>
January	813.1
February	915.0
March	207.9
April	29.8
May	284.8
June	333.0
July	259.0
August	352.6
September	310.3
October	445.8
November	286.1
December	440.2
Total	4677.6
Average	389.8

Biosolids Hauled To Buttonwillow

2000 - V334



RECEIVING WATER CONSTITUENTS FOR 2000

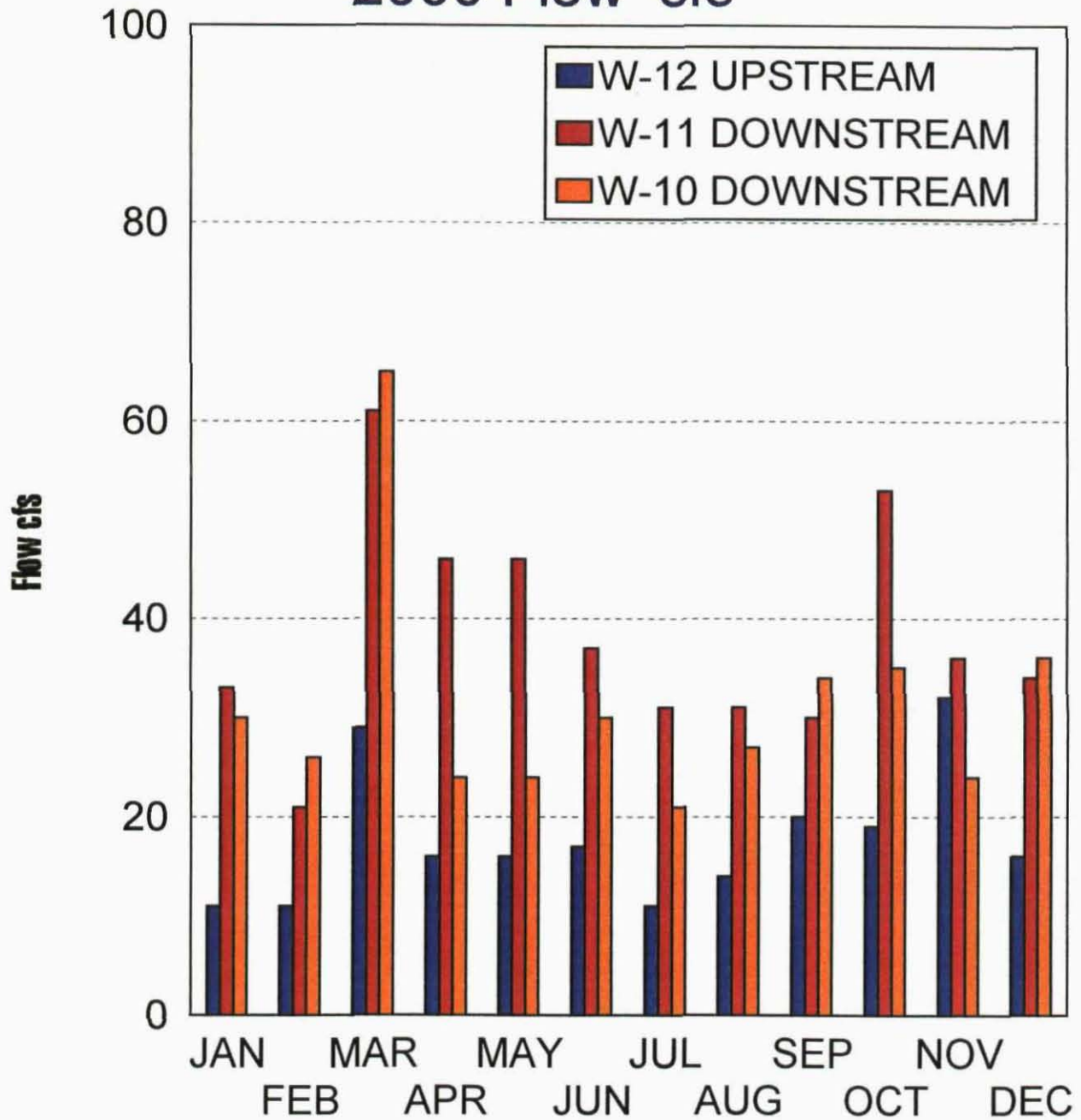
Flow in CFS

MONTH	W-12 CFS	W-11 CFS	W-10 CFS
January	11	33	30
February	11	21	26
March	29	61	NA*
April	16	46	24
May	16	46	24
June	17	37	30
July	11	31	21
August	14	31	27
September	20	30	34
October	19	53	35
November	32	36	24
December	16	34	36
Average	18	38	26
W.Q.C.B. Limit	NONE	NONE	NONE

*NA-Not available due to heavy rain and mud.

Receiving Water Constituents

2000 Flow cfs



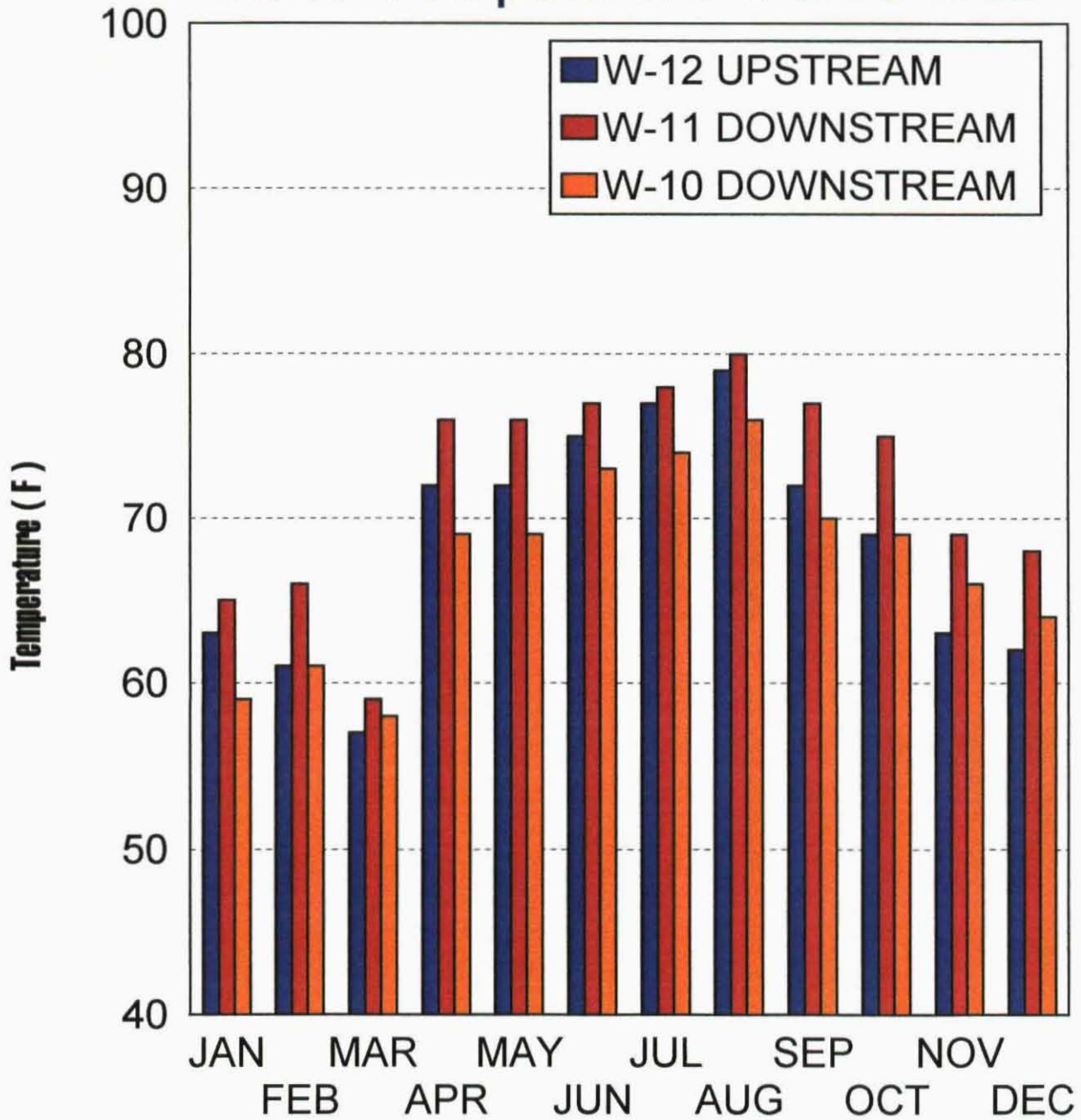
RECEIVING WATER CONSTITUENTS FOR 2000

Temperature °F

MONTH	W-12 TEMP	W-11 TEMP	W-10 TEMP
January	63	65	59
February	31	66	61
March	57	59	58
April	72	76	69
May	72	76	69
June	75	77	73
July	77	78	74
August	79	80	76
September	72	77	70
October	69	75	69
November	63	69	66
December	62	68	64
Average	69	72	67
W.Q.C.B. Limit	NONE	NONE	NONE

Receiving Water Constituents

2000 Temperature Fahrenheit

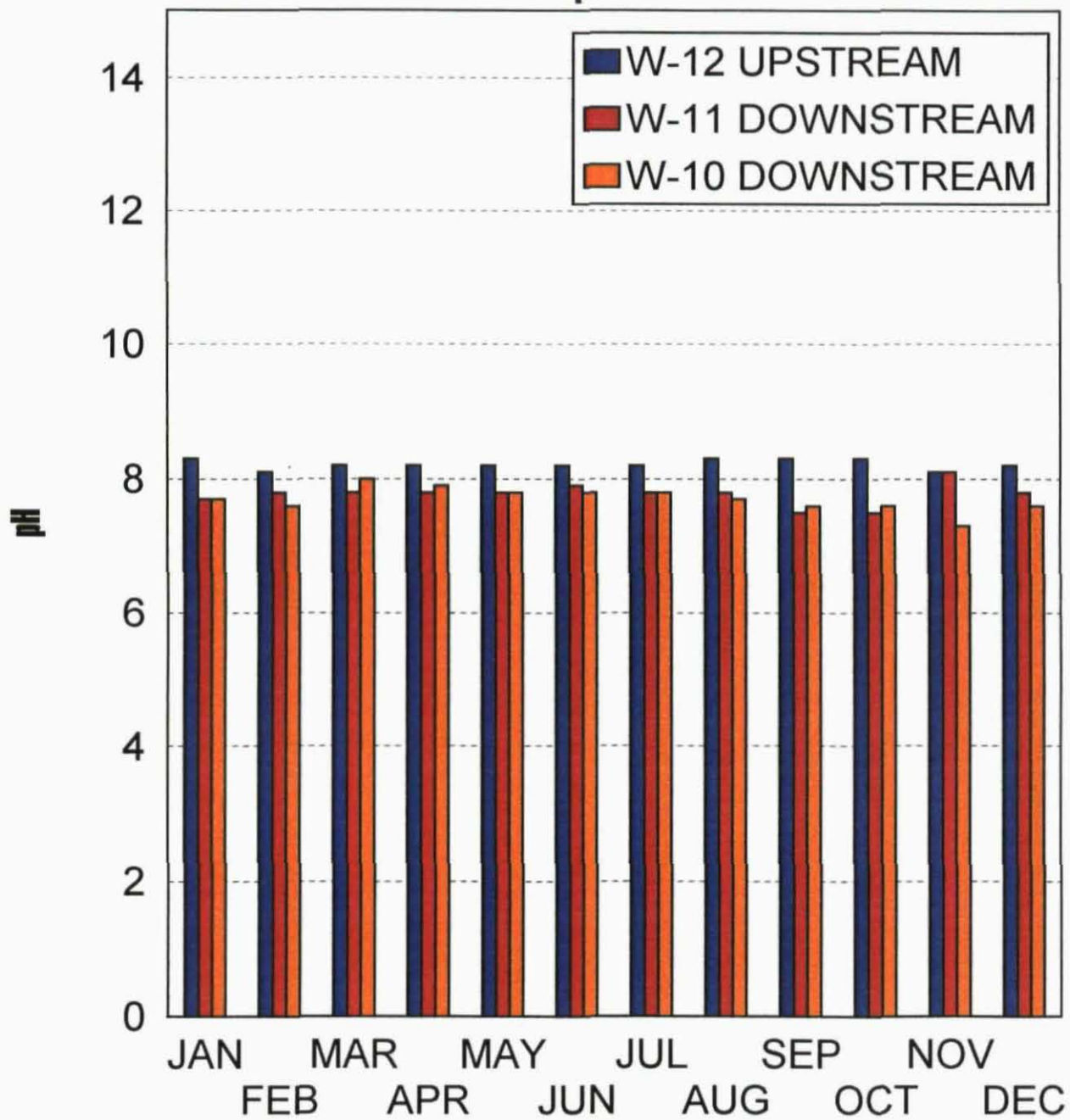


RECEIVING WATER CONSTITUENTS FOR 2000

MONTH	pH		
	W-12 pH	W-11 pH	W-10 pH
January	8.3	7.7	7.7
February	8.1	7.8	7.6
March	8.2	7.8	8.0
April	8.2	7.8	7.9
May	8.2	7.8	7.8
June	8.2	7.9	7.8
July	8.2	7.8	7.8
August	8.3	7.8	7.7
September	8.3	7.5	7.6
October	8.3	7.5	7.6
November	8.1	8.1	7.3
December	8.2	7.8	7.6
Average	8.2	7.7	7.7
W.Q.C.B. Limit	NONE	NONE	NONE

Receiving Water Constitutents

2000 pH



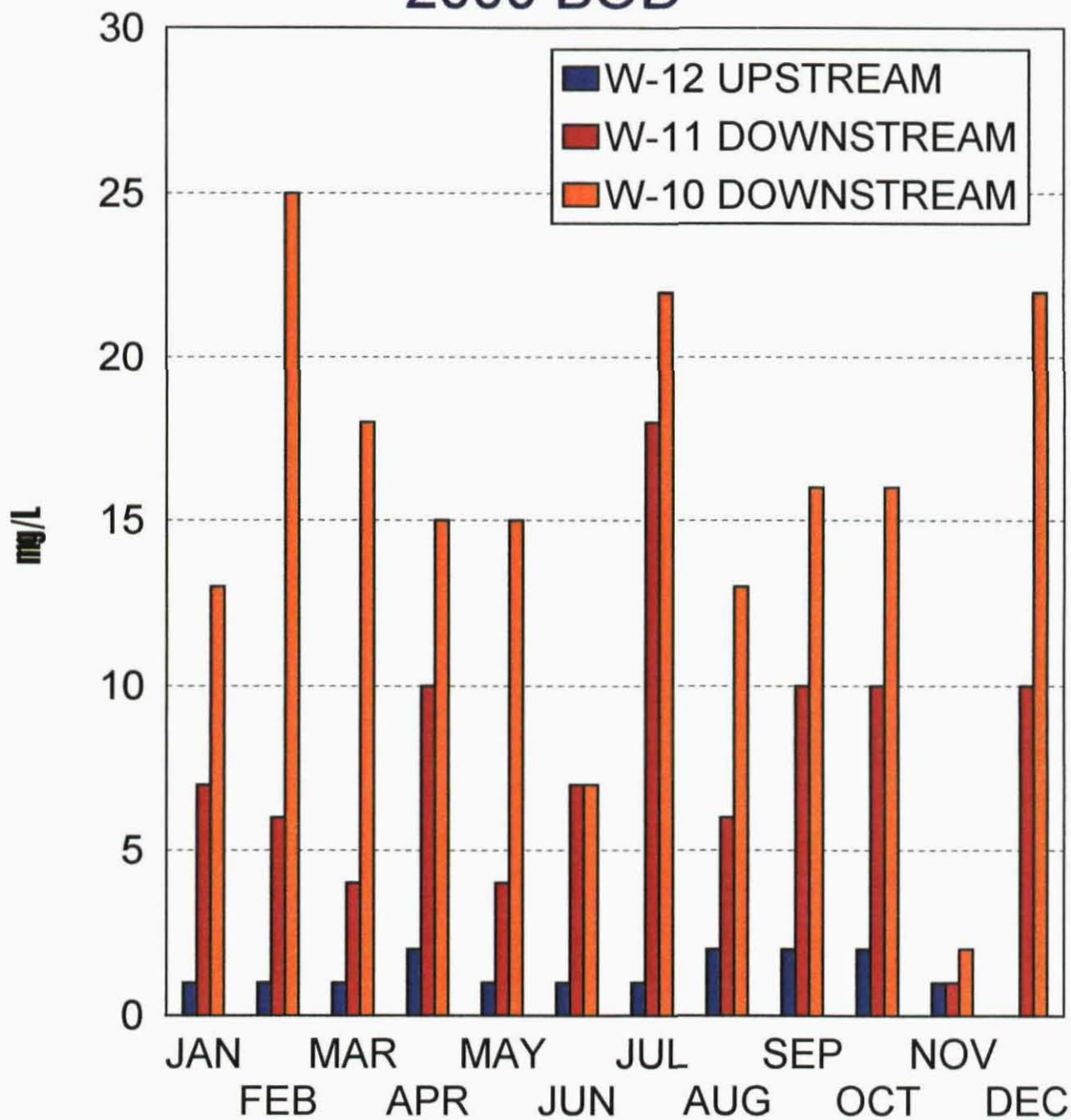
RECEIVING WATER CONSTITUENTS FOR 2000

Biochemical Oxygen Demand

MONTH	W-12 mg/L	W-11 mg/L	W-10 mg/L
January	1	7	13
February	1	6	25
March	1	4	18
April	2	10	15
May	1	4	15
June	1	7	7
July	1	18	22
August	2	6	13
September	2	10	16
October	2	10	16
November	1	1	2
December	0	10	22
Average	1	8	16
W.Q.C.B. Limit	NONE	NONE	NONE

Receiving Water Constituents

2000 BOD

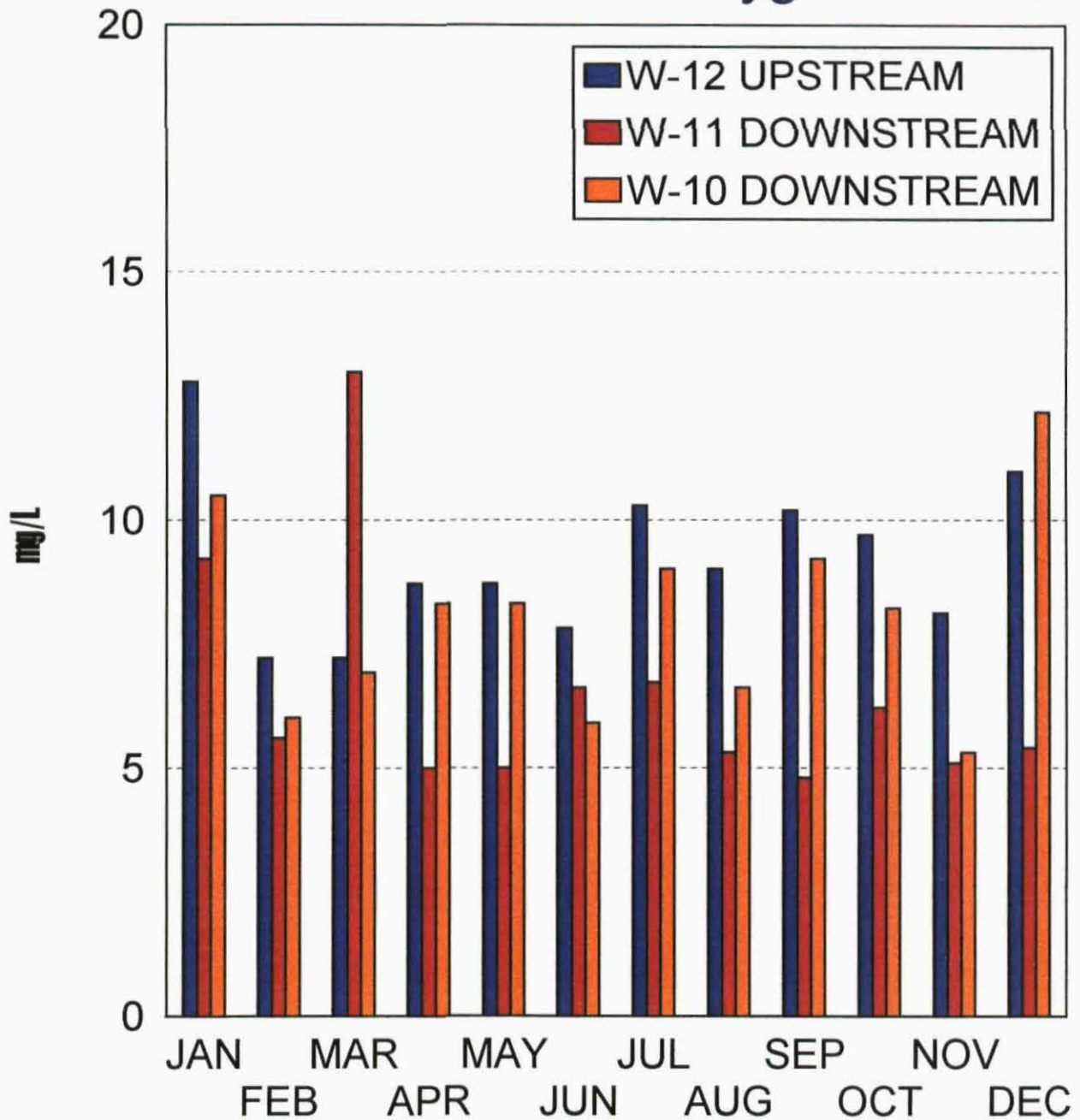


RECEIVING WATER CONSTITUENTS FOR 2000

Dissolved Oxygen

MONTH	W-12 mg/L	W-11 mg/L	W-10 mg/L
January	12.8	9.2	10.5
February	7.2	5.6	6.0
March	7.2	13.0	6.9
April	8.7	5.0	8.3
May	8.7	5.0	8.3
June	7.8	6.6	5.9
July	10.3	6.7	9.0
August	9.0	5.3	6.6
September	10.2	4.8	9.2
October	9.7	6.2	8.2
November	8.1	5.1	5.3
December	11.0	5.4	12.2
Average	9.2	6.6	8.0
W.Q.C.B. Limit	NONE	NONE	NONE

Receiving Water Constituents 2000 Dissolved Oxygen

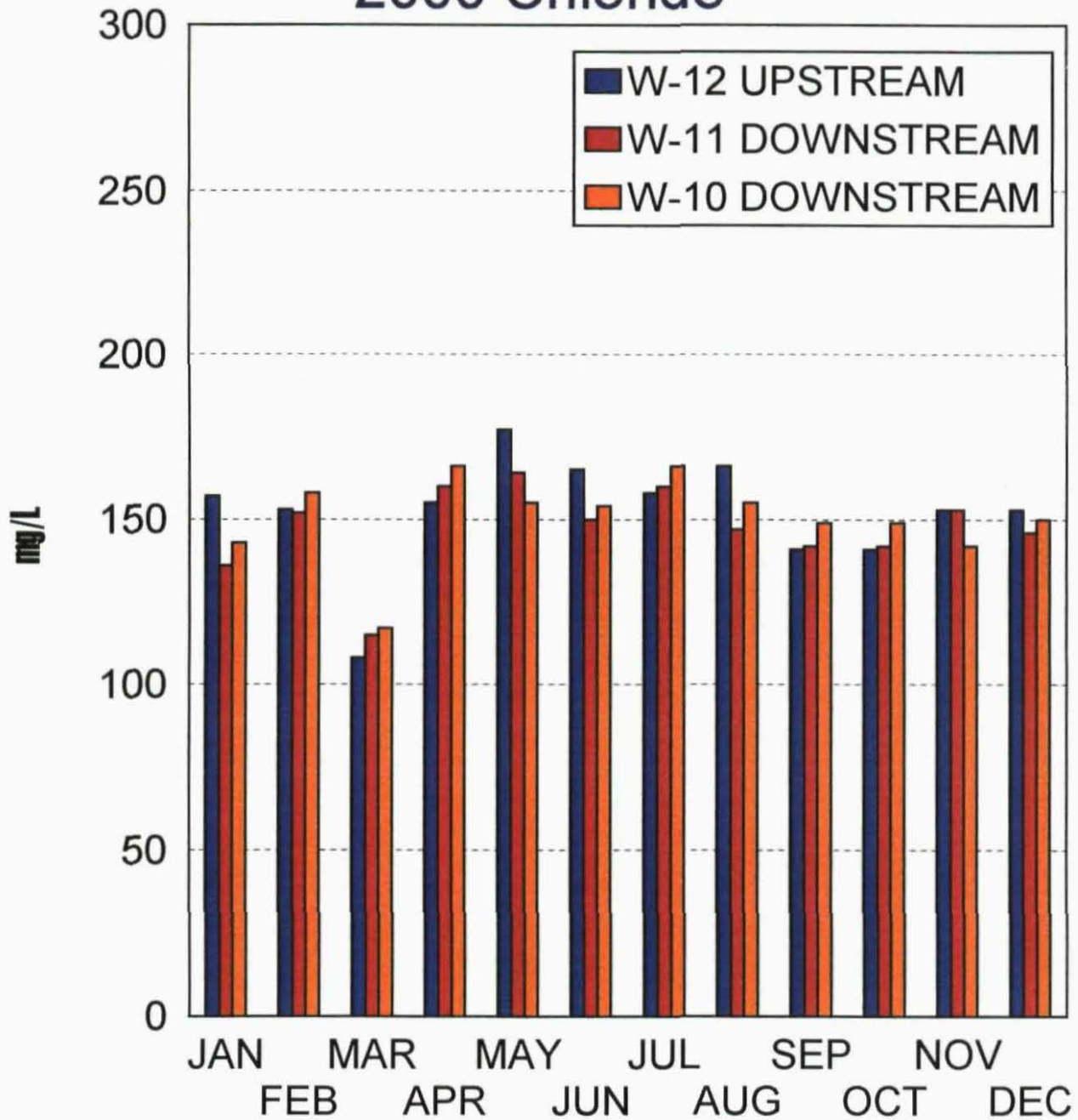


RECEIVING WATER CONSTITUENTS FOR 2000

MONTH	<u>Chloride</u>		
	W-12 mg/L	W-11 mg/L	W-10 mg/L
January	157	136	143
February	153	152	158
March	108	115	117
April	155	160	166
May	177	164	155
June	165	150	154
July	158	160	166
August	166	147	155
September	141	142	149
October	141	142	149
November	153	153	142
December	153	146	150
Average	162	147	150
W.Q.C.B. Limit	NONE	NONE	NONE

Receiving Water Constituents

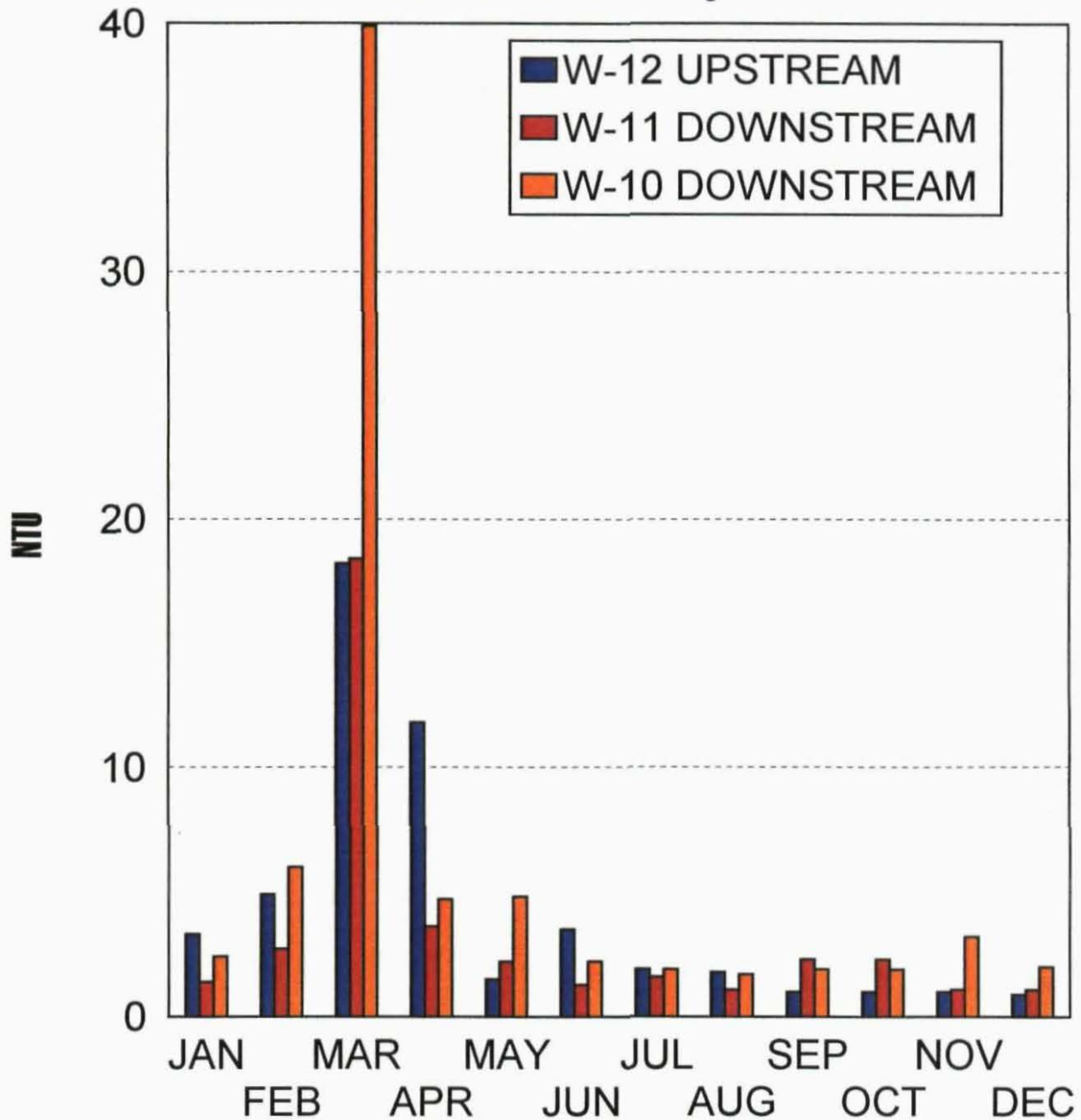
2000 Chloride



RECEIVING WATER CONSTITUENTS FOR 2000

MONTH	<u>Turbidity</u>		
	W-12 NTU	W-11 NTU	W-10 NTU
January	3.3	1.4	2.4
February	4.9	2.7	6.0
March	18.2	18.4	39.9
April	11.8	3.6	4.7
May	1.5	2.2	4.8
June	3.5	1.3	2.2
July	1.9	1.6	1.9
August	1.8	1.1	1.7
September	1.0	2.3	1.9
October	1.0	2.3	1.9
November	1.0	1.1	3.2
December	0.9	1.1	2.0
Average	4.2	3.3	6.1
W.Q.C.B. Limit	NONE	NONE	NONE

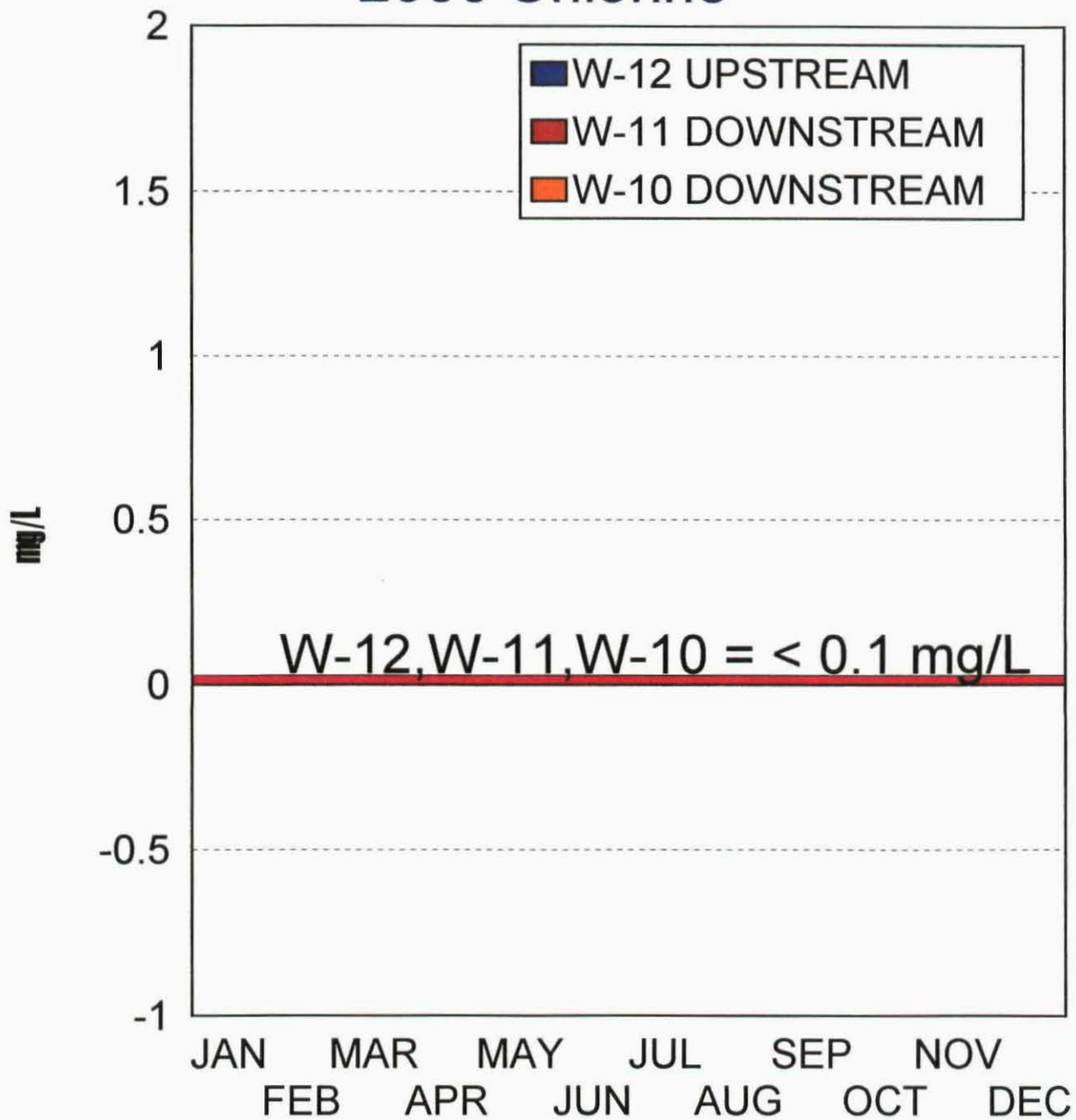
Receiving Water Constituents 2000 Turbidity



RECEIVING WATER CONSTITUENTS FOR 2000

MONTH	<u>Chlorine</u>		
	W-12 mg/L	W-11 mg/L	W-10 mg/L
January	<0.1	<0.1	<0.1
February	<0.1	<0.1	<0.1
March	<0.1	<0.1	<0.1
April	<0.1	<0.1	<0.1
May	<0.1	<0.1	<0.1
June	<0.1	<0.1	<0.1
July	<0.1	<0.1	<0.1
August	<0.1	<0.1	<0.1
September	<0.1	<0.1	<0.1
October	<0.1	<0.1	<0.1
November	<0.1	<0.1	<0.1
December	<0.1	<0.1	<0.1
Average	<0.1	<0.1	<0.1
W.Q.C.B. Limit	NONE	NONE	NONE

Receiving Water Constituents 2000 Chlorine



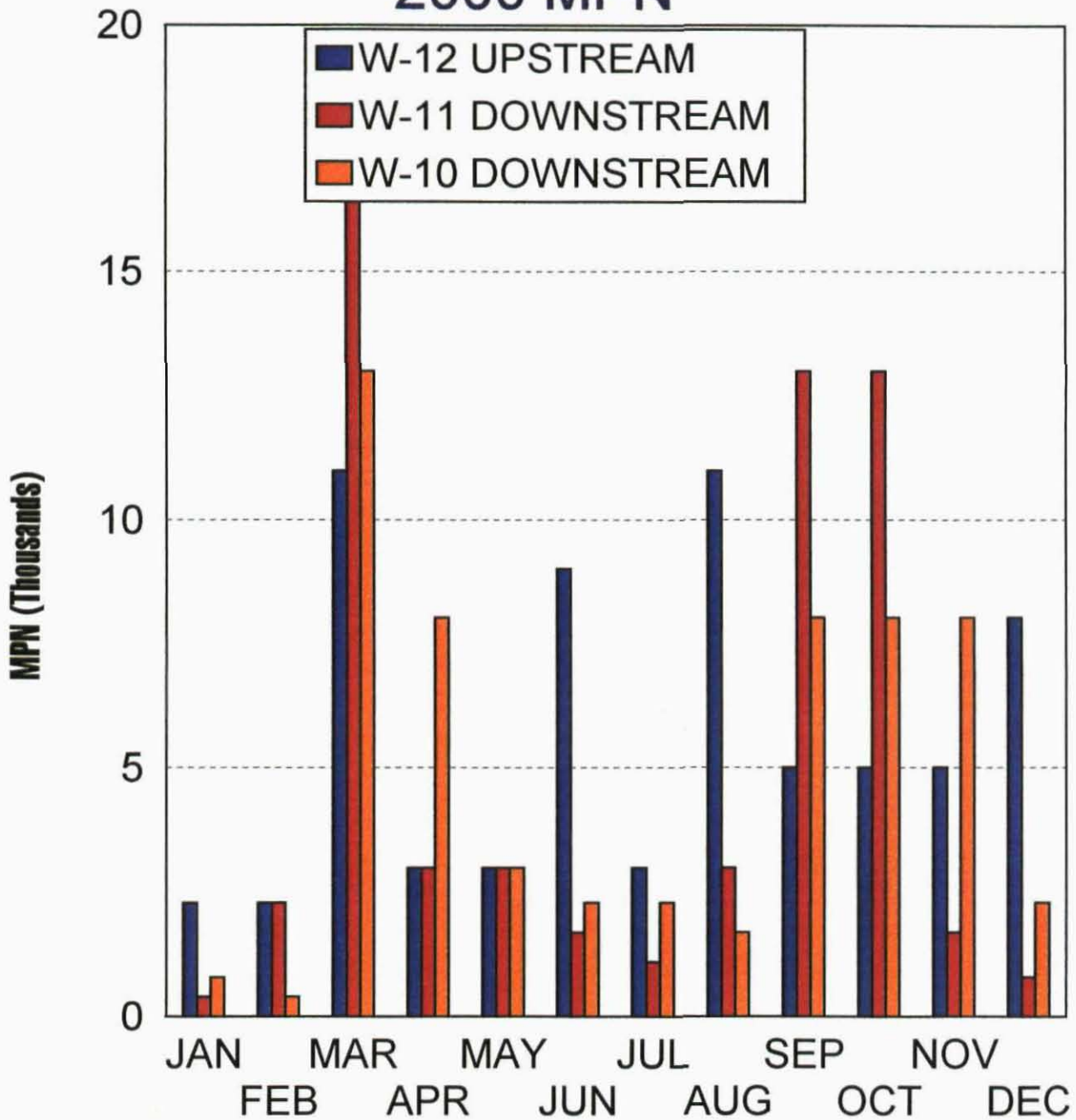
RECEIVING WATER CONSTITUENTS FOR 2000

Most Probable Number

MONTH	W-12 MPN	W-11 MPN	W-10 MPN
January	2300	400	800
February	2300	2300	400
March	11000	17000	13000
April	3000	3000	8000
May	3000	3000	3000
June	9000	1700	2300
July	3000	1100	2300
August	11000	3000	1700
September	5000	13000	8000
October	5000	13000	8000
November	5000	1700	8000
December	8000	800	2300
Average	5633	5000	4817
W.Q.C.B. Limit	NONE	NONE	NONE

Receiving Water Constituents

2000 MPN

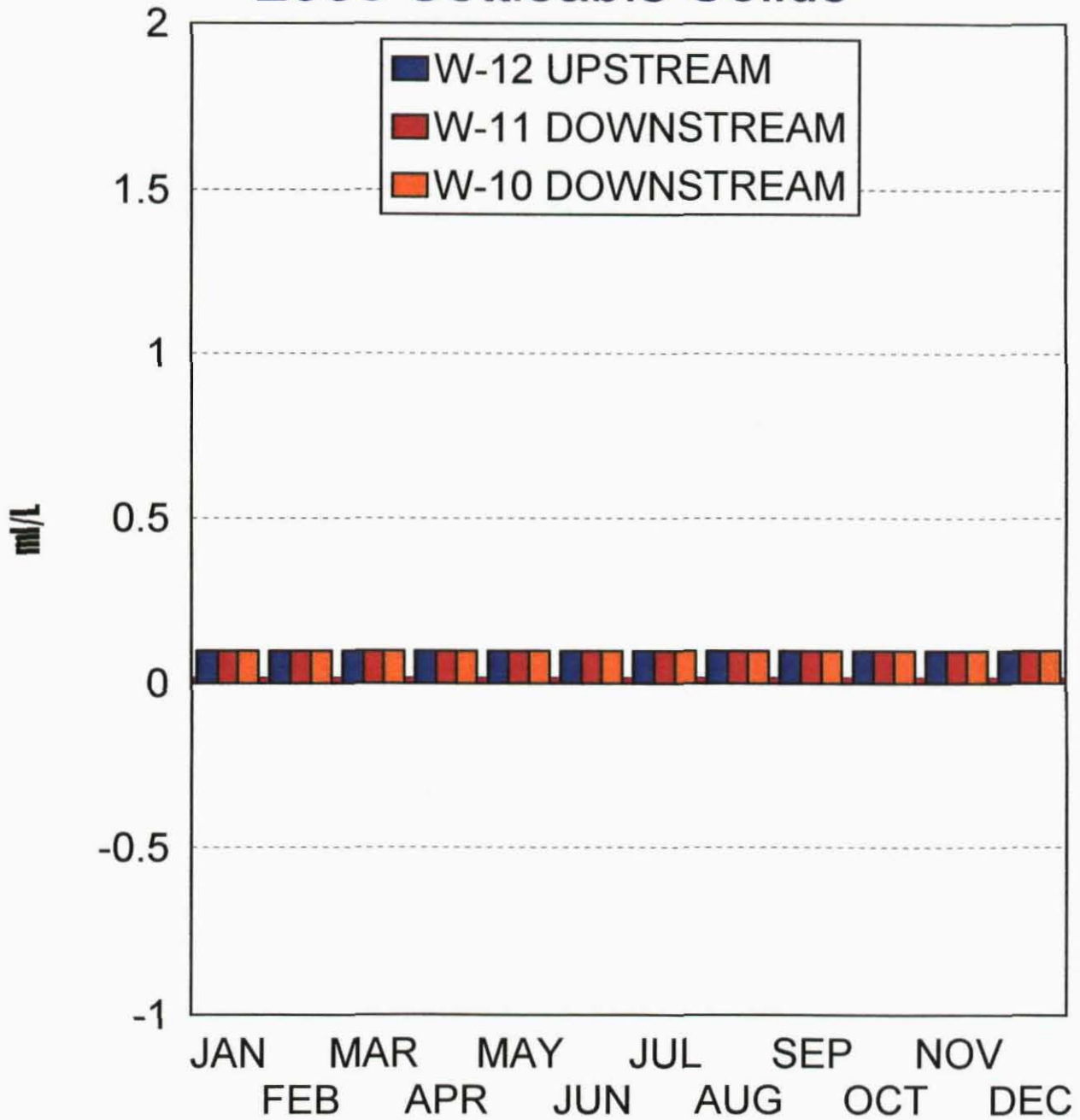


RECEIVING WATER CONSTITUENTS FOR 2000

Settleable Solids

MONTH	W-12 mg/L	W-11 mg/L	W-10 mg/L
January	<0.1	<0.1	<0.1
February	<0.1	<0.1	<0.1
March	<0.1	<0.1	<0.1
April	<0.1	<0.1	<0.1
May	<0.1	<0.1	<0.1
June	<0.1	<0.1	<0.1
July	<0.1	<0.1	<0.1
August	<0.1	<0.1	<0.1
September	<0.1	<0.1	<0.1
October	<0.1	<0.1	<0.1
November	<0.1	<0.1	<0.1
December	<0.1	<0.1	<0.1
Average	0.1	0.1	0.1
W.Q.C.B. Limit	NONE	NONE	NONE

Receiving Water Constituents 2000 Settleable Solids

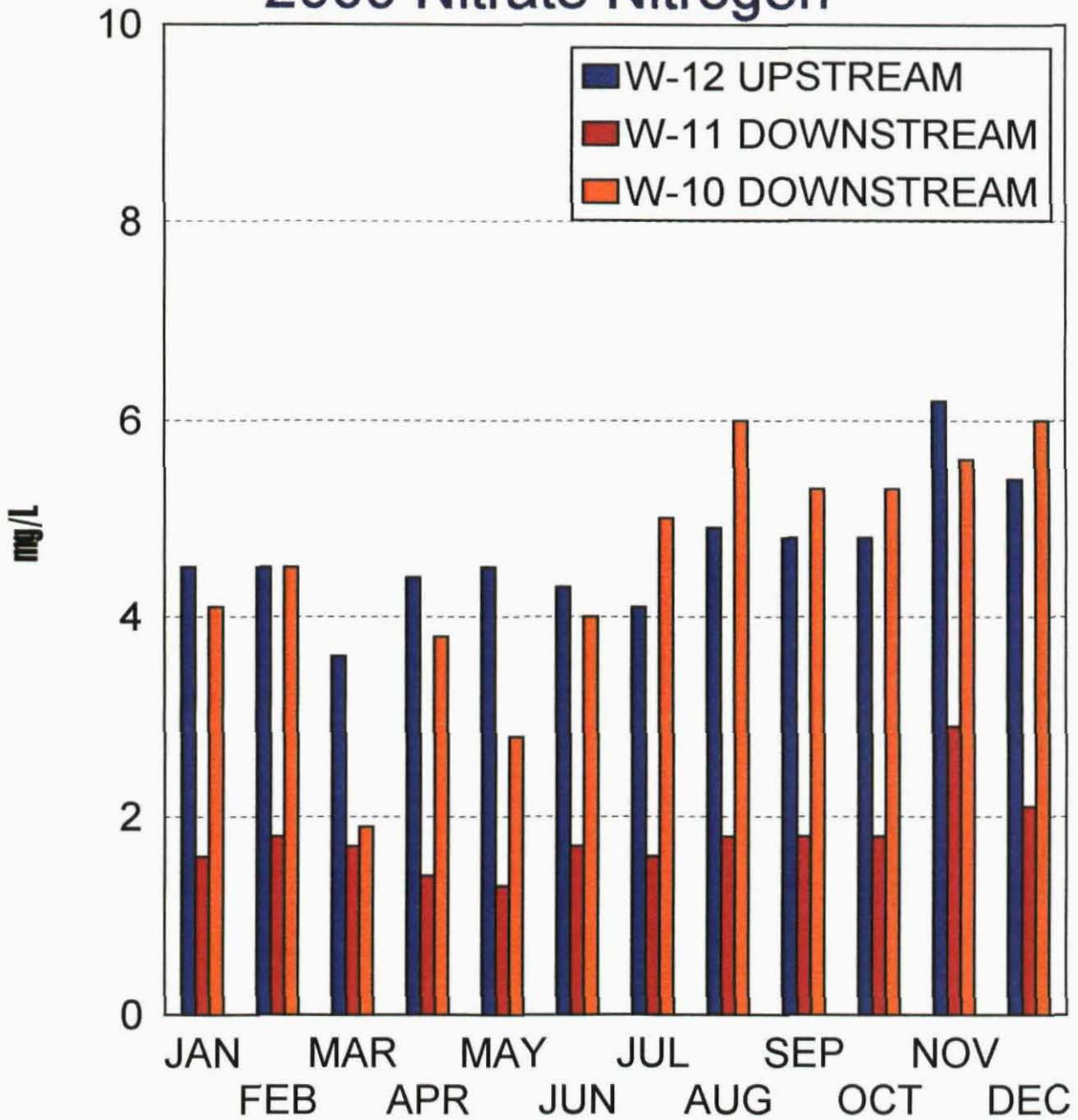


RECEIVING WATER CONSTITUENTS FOR 2000

Nitrate Nitrogen

MONTH	W-12 mg/L	W-11 mg/L	W-10 mg/L
January	4.5	1.6	4.1
February	4.5	1.8	4.5
March	3.6	1.7	1.9
April	4.4	1.4	3.8
May	4.5	1.3	2.8
June	4.3	1.7	4.0
July	4.1	1.6	5.0
August	4.9	1.8	6.0
September	4.8	1.8	5.3
October	4.8	1.8	5.3
November	6.2	2.9	5.6
December	5.4	2.1	6.0
Average	4.7	1.8	4.5
W.Q.C.B. Limit	NONE	NONE	NONE

Receiving Water Constituents 2000 Nitrate Nitrogen



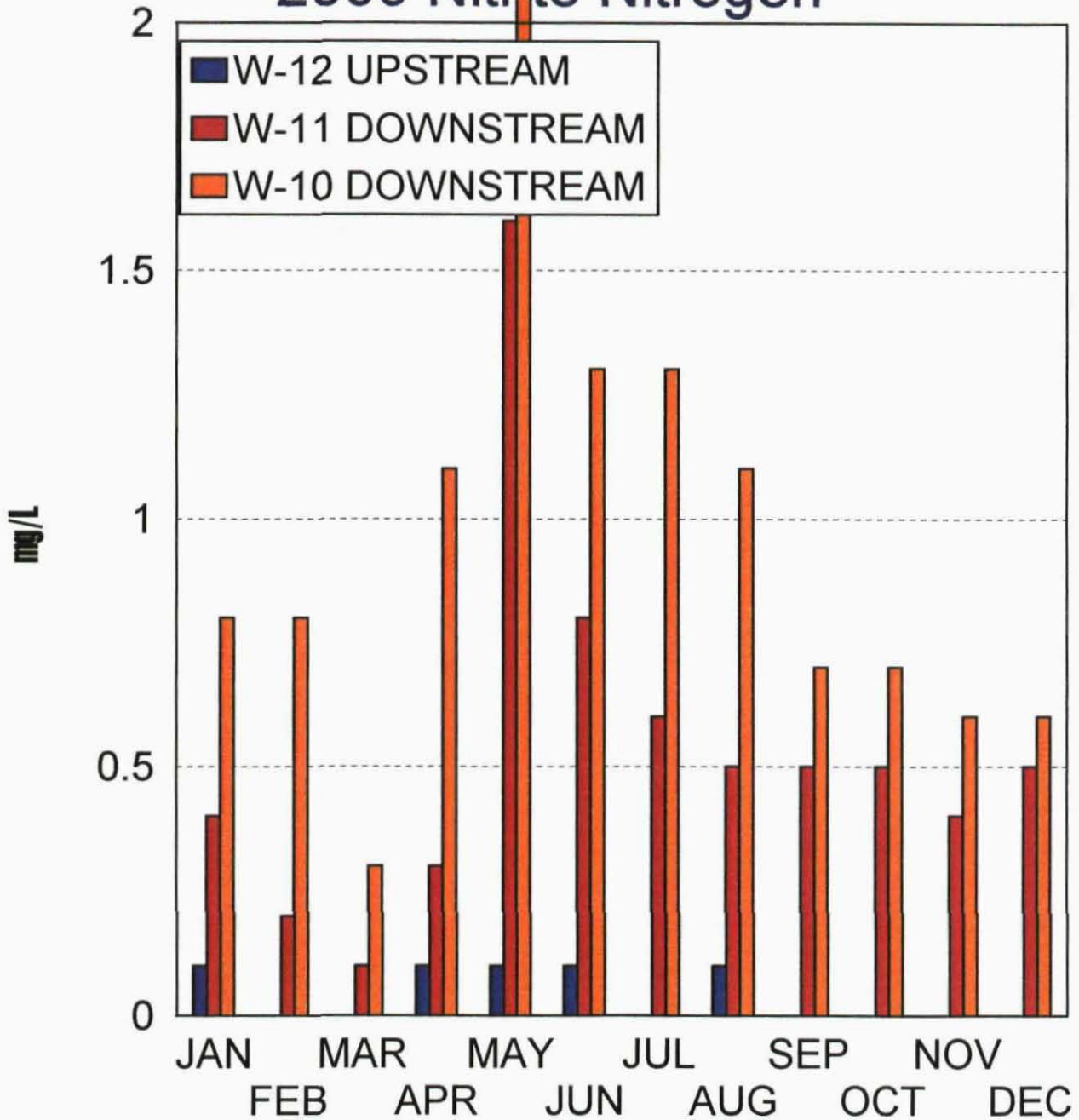
RECEIVING WATER CONSTITUENTS FOR 2000

Nitrite Nitrogen

MONTH	W-12 mg/L	W-11 mg/L	W-10 mg/L
January	0.1	0.4	0.8
February	0.0	0.2	0.8
March	0.0	0.1	0.3
April	0.1	0.3	1.1
May	0.1	1.6	2.1
June	0.1	0.8	1.3
July	0.0	0.6	1.3
August	0.1	0.5	1.1
September	0.0	0.5	0.7
October	0.0	0.5	0.7
November	0.0	0.4	0.6
December	0.0	0.5	0.6
Average	0.0	0.5	0.9
W.Q.C.B. Limit	NONE	NONE	NONE

Receiving Water Constituents

2000 Nitrite Nitrogen



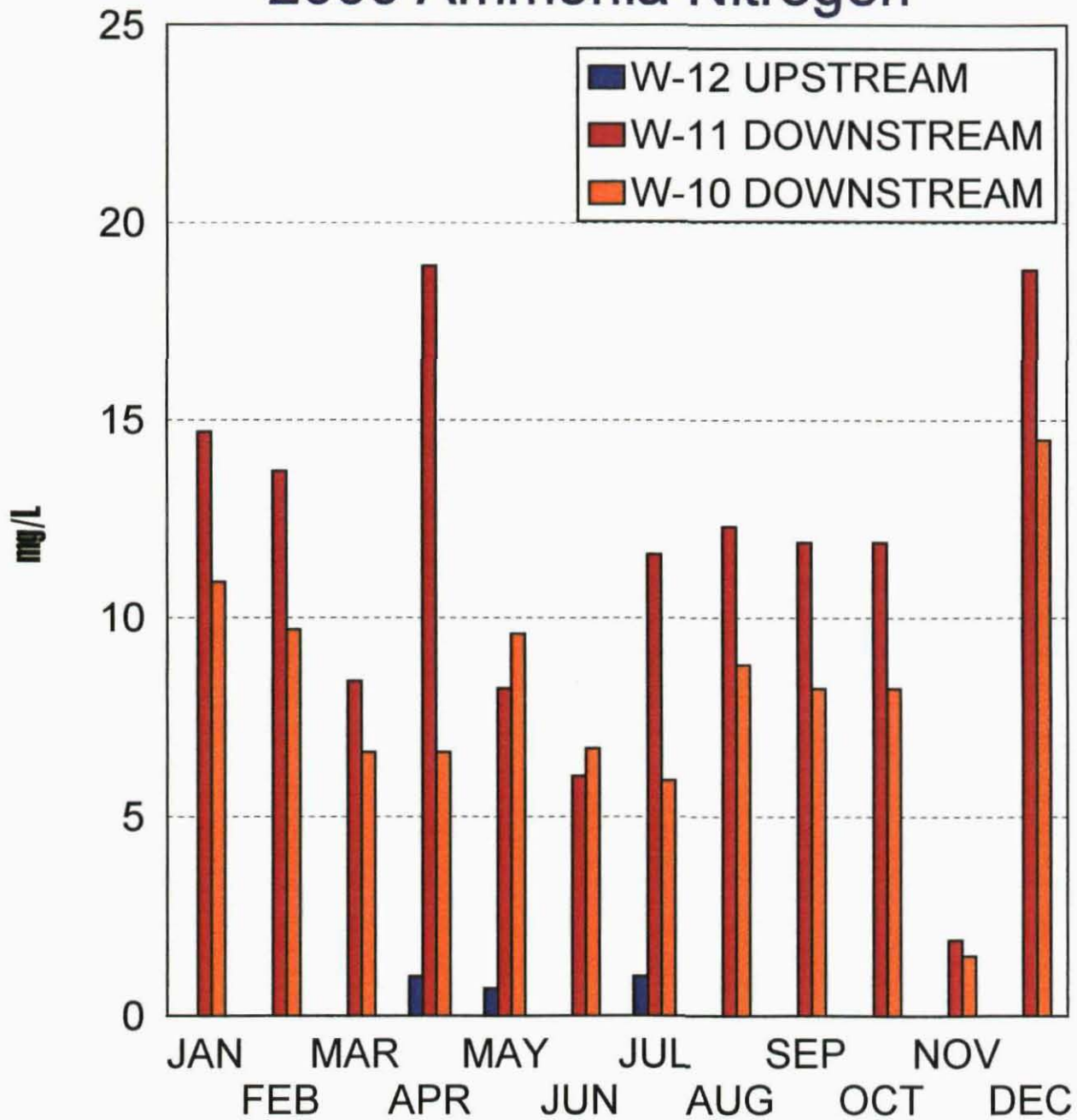
RECEIVING WATER CONSTITUENTS FOR 2000

Ammonia Nitrogen

MONTH	W-12 mg/L	W-11 mg/L	W-10 mg/L
January	0.0	14.7	10.9
February	0.0	13.7	9.7
March	0.0	8.4	6.6
April	1.0	18.9	6.6
May	0.7	8.2	9.6
June	0.0	6.0	6.7
July	1.0	11.6	5.9
August	0.0	12.3	8.8
September	0.0	11.9	8.2
October	0.0	11.9	8.2
November	0.0	1.9	1.5
December	0.0	18.8	14.5
Average	0.2	11.5	8.1
W.Q.C.B. Limit	NONE	NONE	NONE

Receiving Water Constituents

2000 Ammonia Nitrogen

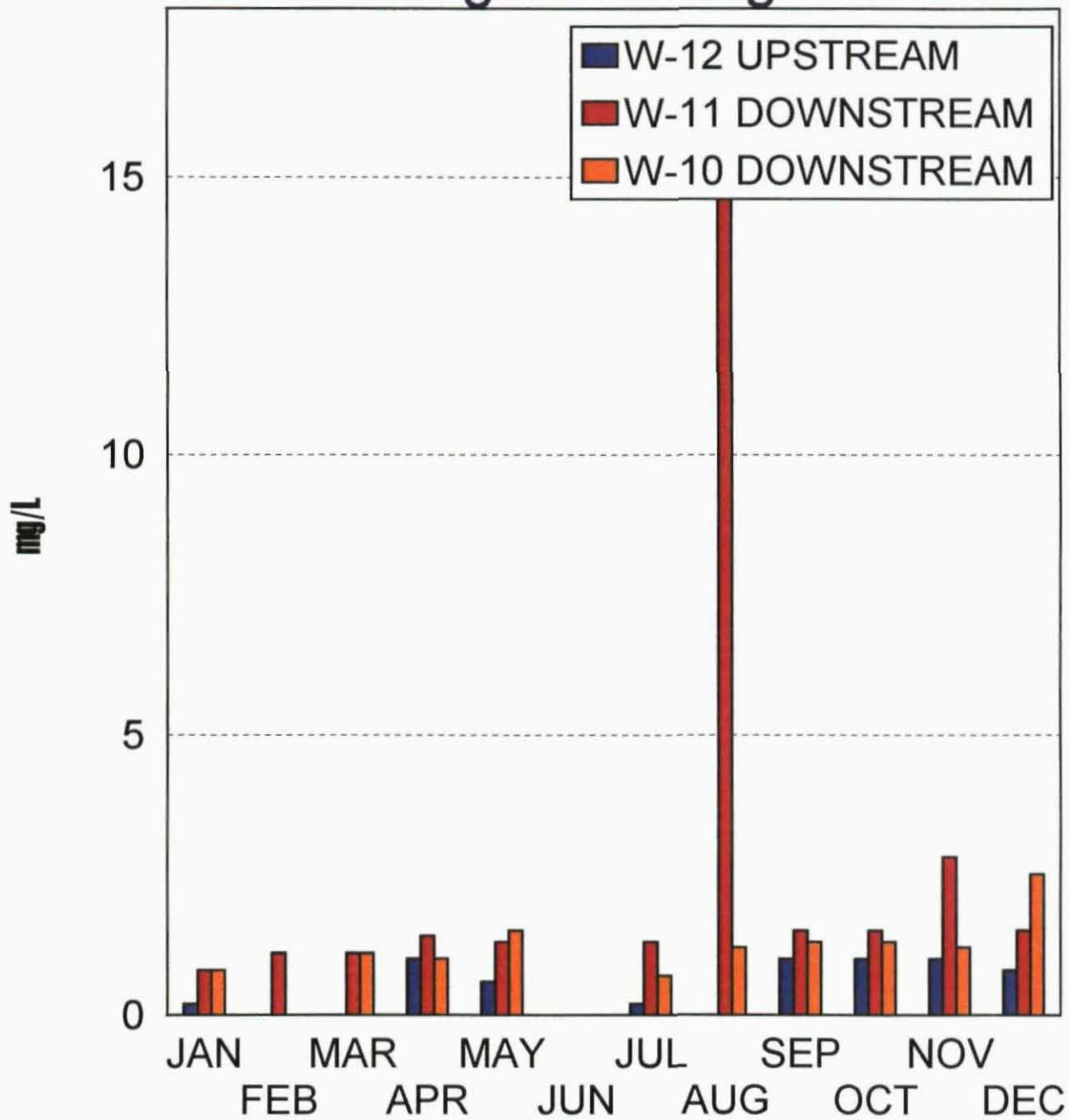


RECEIVING WATER CONSTITUENTS FOR 2000

Organic Nitrogen

MONTH	W-12 mg/L	W-11 mg/L	W-10 mg/L
January	0.2	0.8	0.8
February	0.0	1.1	0.0
March	0.0	1.1	1.1
April	1.0	1.4	1.0
May	0.6	1.3	1.5
June	0.0	0.0	0.0
July	0.2	1.3	0.7
August	0.0	15.9	1.2
September	1.0	1.5	1.3
October	1.0	1.5	1.3
November	0.0	1.4	1.2
December	0.8	1.5	2.5
Average	0.4	2.4	1.1
W.Q.C.B. Limit	NONE	NONE	NONE

Receiving Water Constituents 2000 Organic Nitrogen



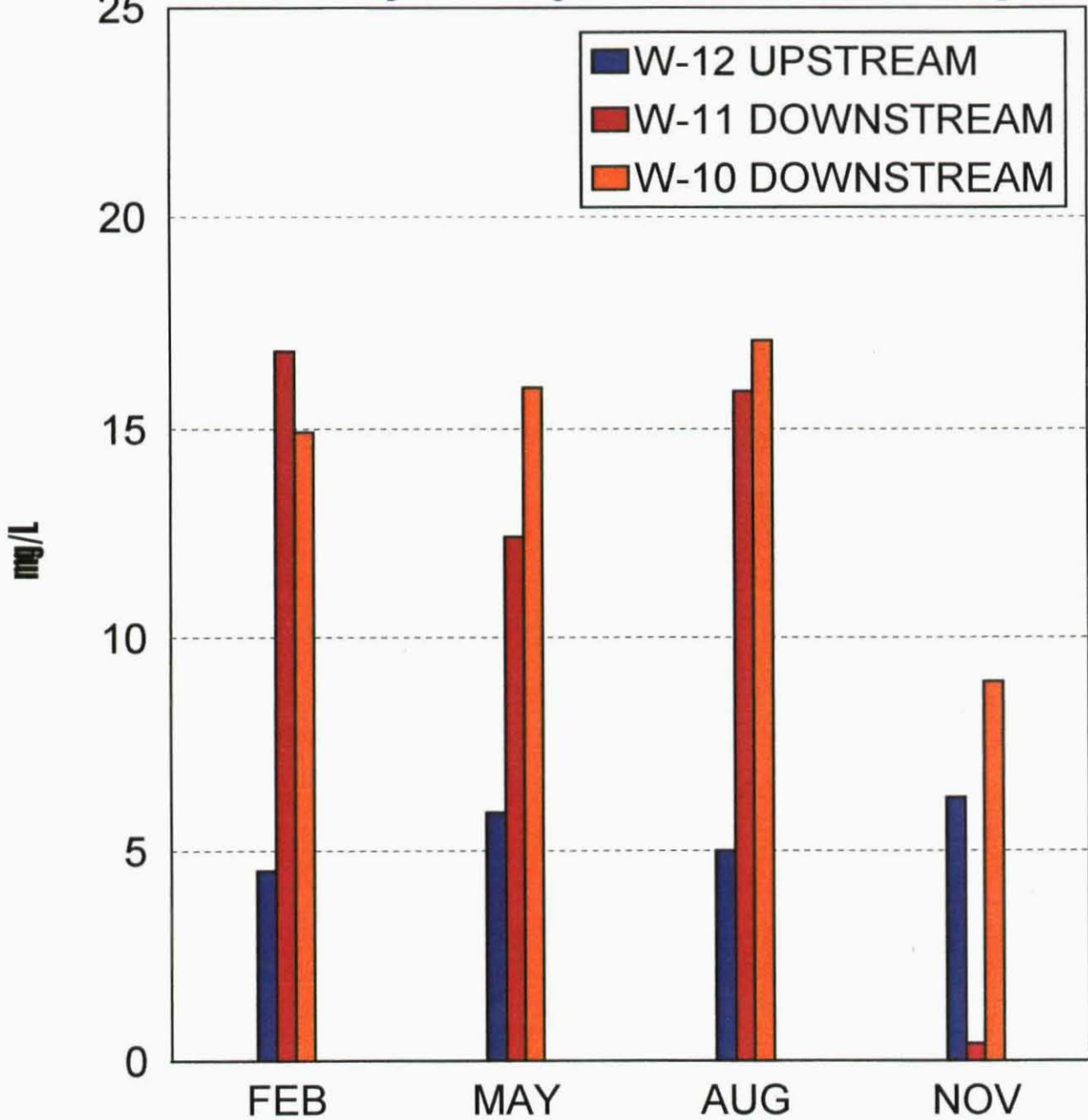
RECEIVING WATER CONSTITUENTS FOR 2000

Total Nitrogen

MONTH	W-12 mg/L	W-11 mg/L	W-10 mg/L
February	4.5	16.9	14.9
May	5.9	12.4	16.0
August	5.0	15.9	17.1
November	6.3	0.4	9.0
Average	5.4	11.4	14.3
W.Q.C.B. Limit	NONE	NONE	NONE

Receiving Water Constituents

2000 Quarterly Analysis - Total Nitrogen



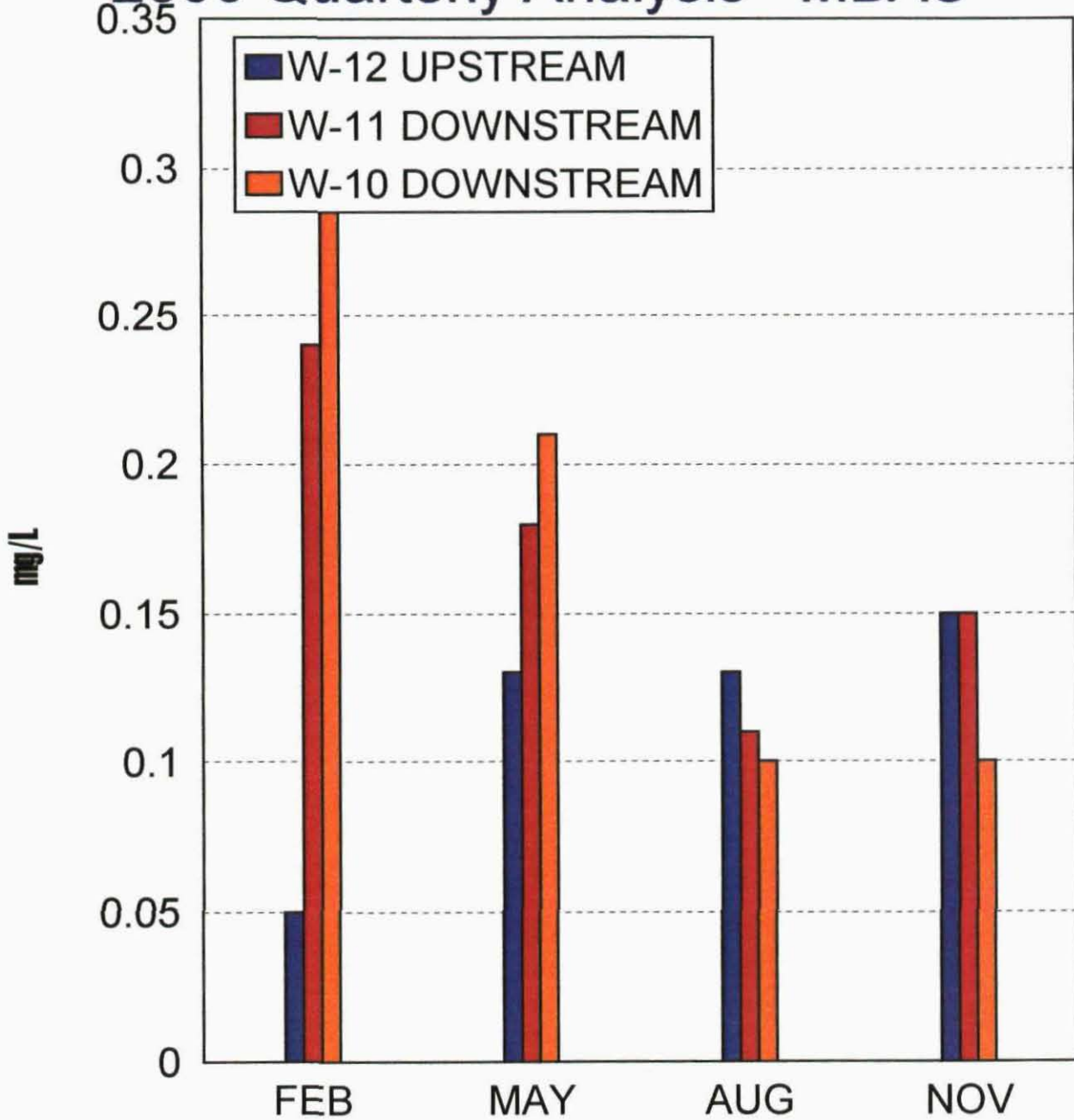
RECEIVING WATER CONSTITUENTS FOR 2000

Total Surfactants

MONTH	W-12 mg/L	W-11 mg/L	W-10 mg/L
February	0.1	0.2	0.3
May	0.1	0.2	0.2
August	0.1	0.1	0.1
November	0.2	0.2	0.1
Average	0.1	0.2	0.0
W.Q.C.B. Limit	NONE	NONE	NONE

Receiving Water Constituents

2000 Quarterly Analysis - MBAS



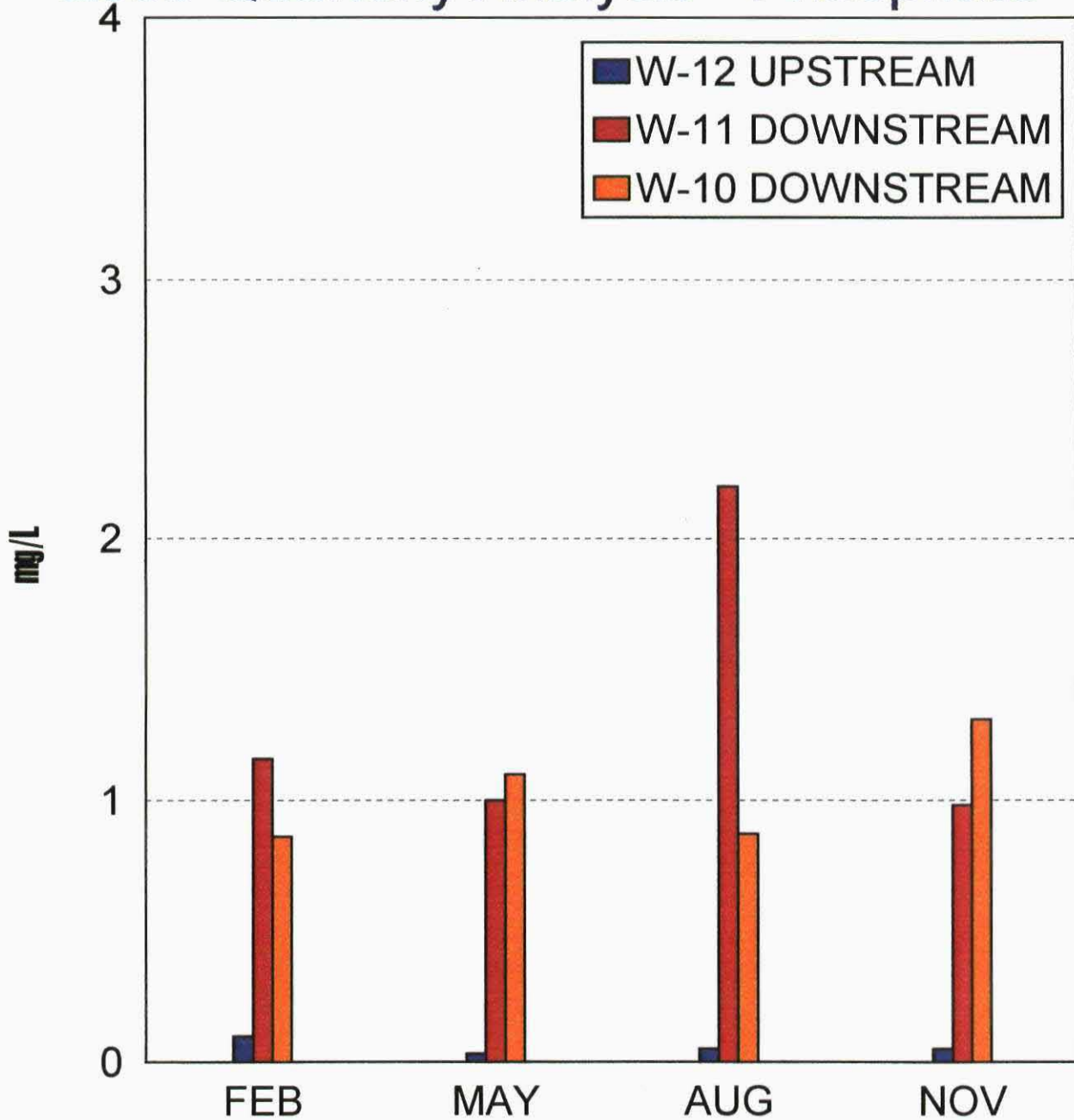
RECEIVING WATER CONSTITUENTS FOR 2000

Total Phosphates

MONTH	W-12 mg/L	W-11 mg/L	W-10 mg/L
February	0.1	1.2	0.9
May	0.0	1.0	1.1
August	0.1	2.2	0.9
November	0.1	1.0	1.3
Average	0.1	1.4	1.1
W.Q.C.B. Limit	NONE	NONE	NONE

Receiving Water Constituents

2000 Quarterly Analysis - Phosphate



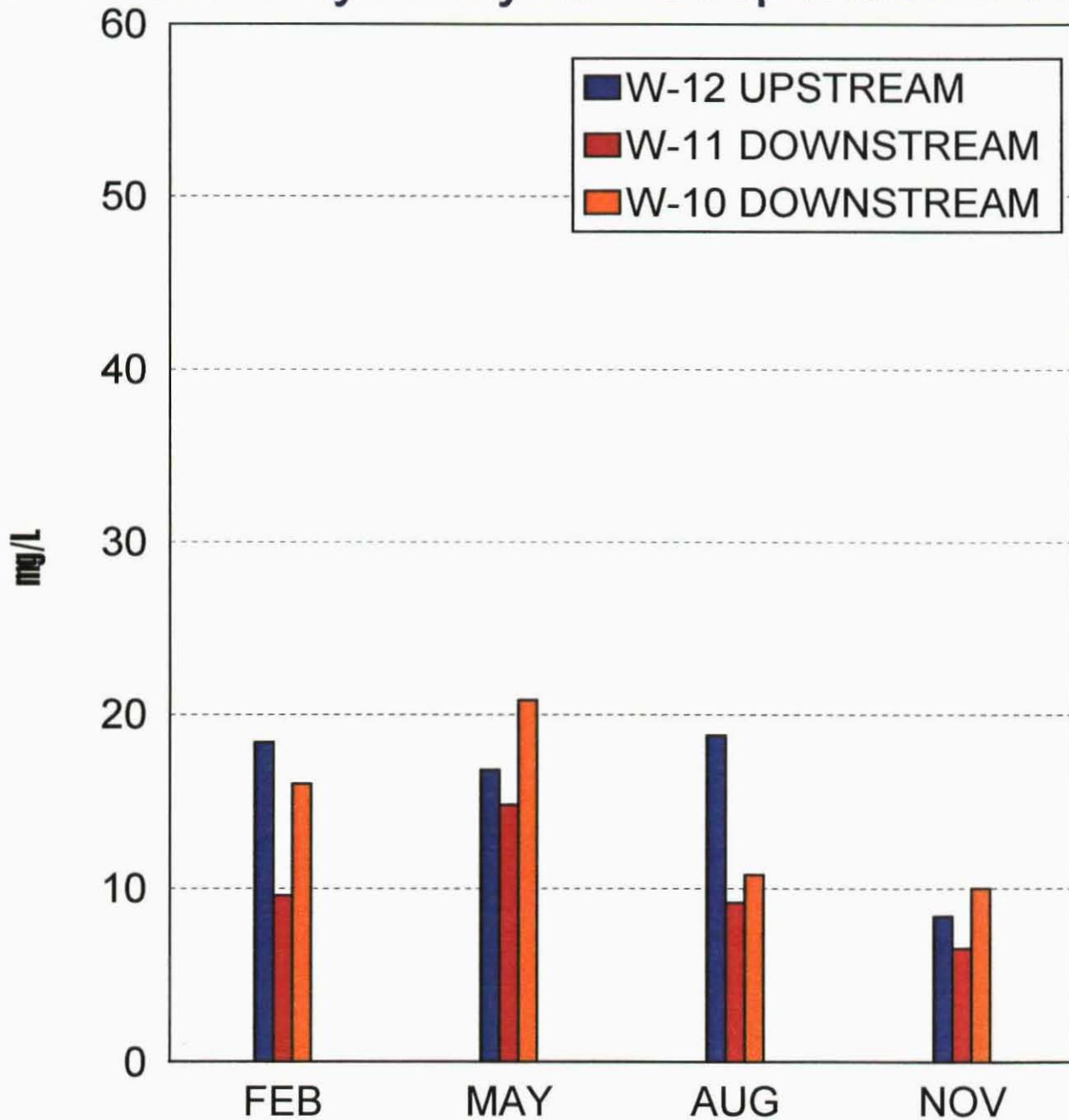
RECEIVING WATER CONSTITUENTS FOR 2000

Suspended Solids

MONTH	W-12 mg/L	W-11 mg/L	W-10 mg/L
February	18.4	9.6	16.0
May	16.8	14.8	20.8
August	18.8	9.2	10.8
November	8.4	6.6	10.0
Average	15.6	10.0	14.4
W.Q.C.B. Limit	NONE	NONE	NONE

Receiving Water Constituents

2000 Quarterly Analysis - Suspended Solids



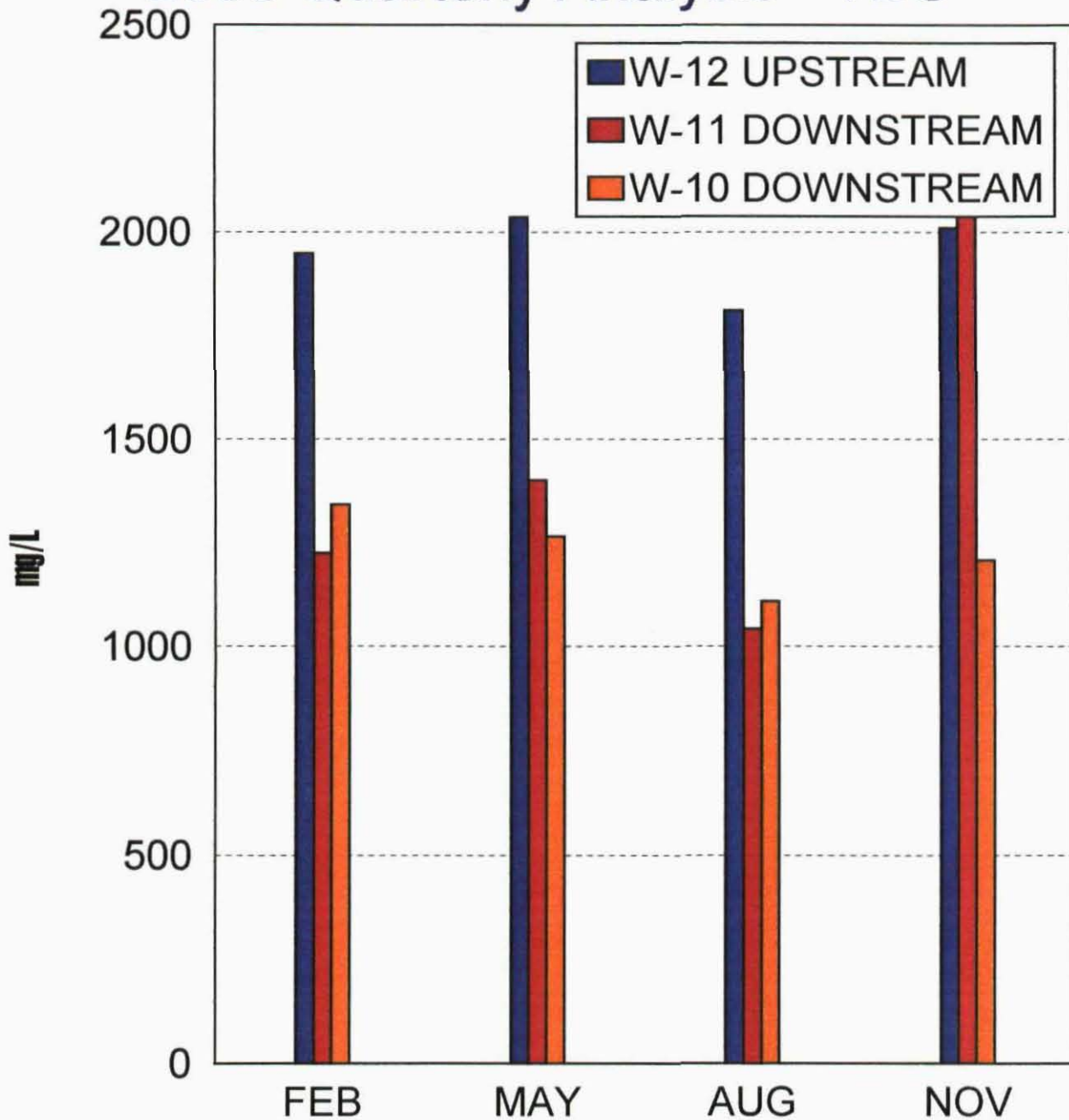
RECEIVING WATER CONSTITUENTS FOR 2000

Total Dissolves Solids

MONTH	W-12 mg/L	W-11 mg/L	W-10 mg/L
February	1949	1225	1342
May	2036	1401	1266
August	1811	1043	1109
November	2011	2354	1208
Average	1952	1506	1231
W.Q.C.B. Limit	NONE	NONE	NONE

Receiving Water Constituents

2000 Quarterly Analysis - TDS



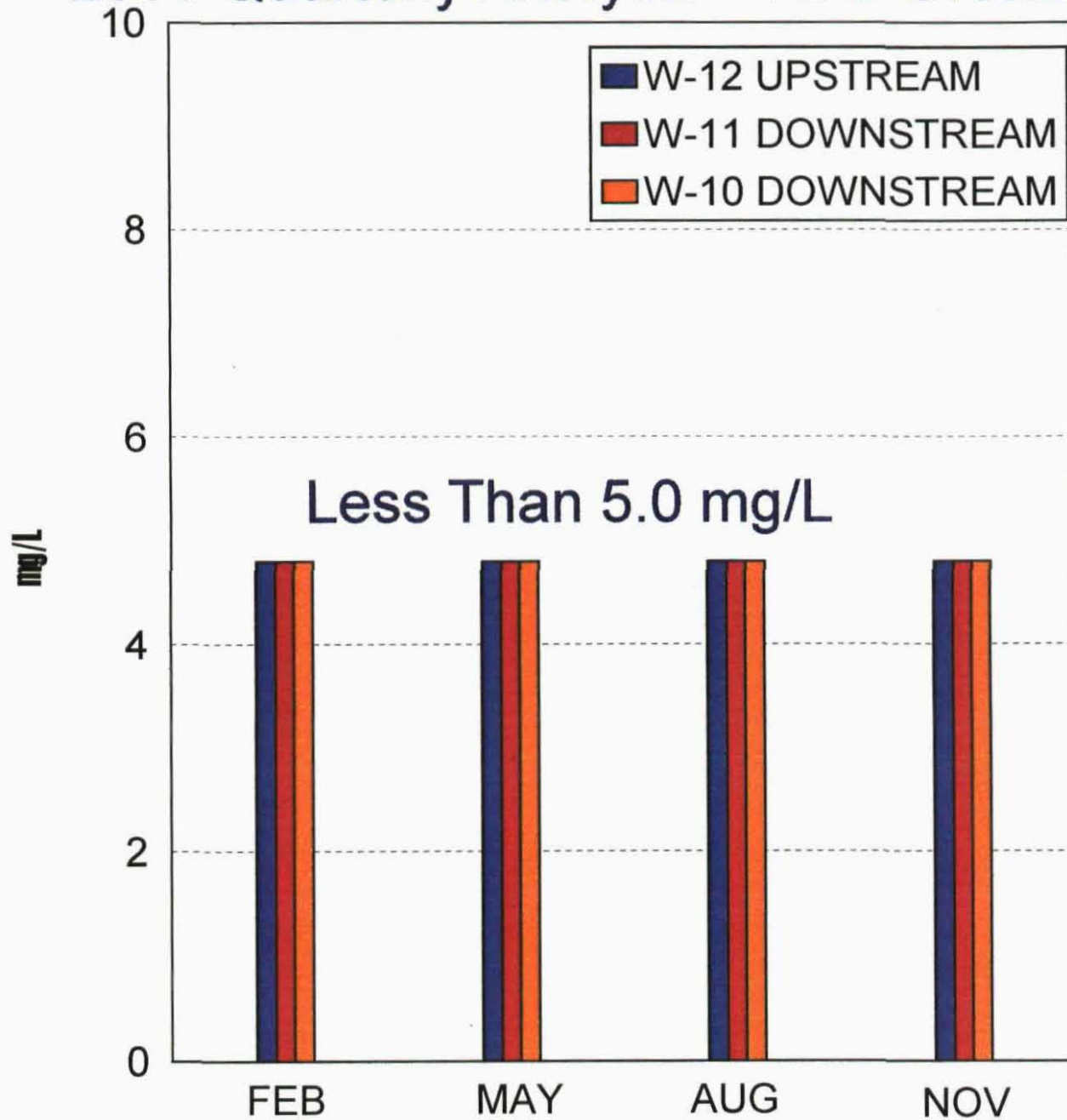
RECEIVING WATER CONSTITUENTS FOR 2000

Oil and Grease

MONTH	W-12 mg/L	W-11 mg/L	W-10 mg/L
February	<5	<5	<5
May	<5	<5	<5
August	<5	<5	<5
November	<5	<5	<5
Average	<5	<5	<5
W.Q.C.B. Limit	NONE	NONE	NONE

Receiving Water Constituents

2000 Quarterly Analysis - Oil & Grease

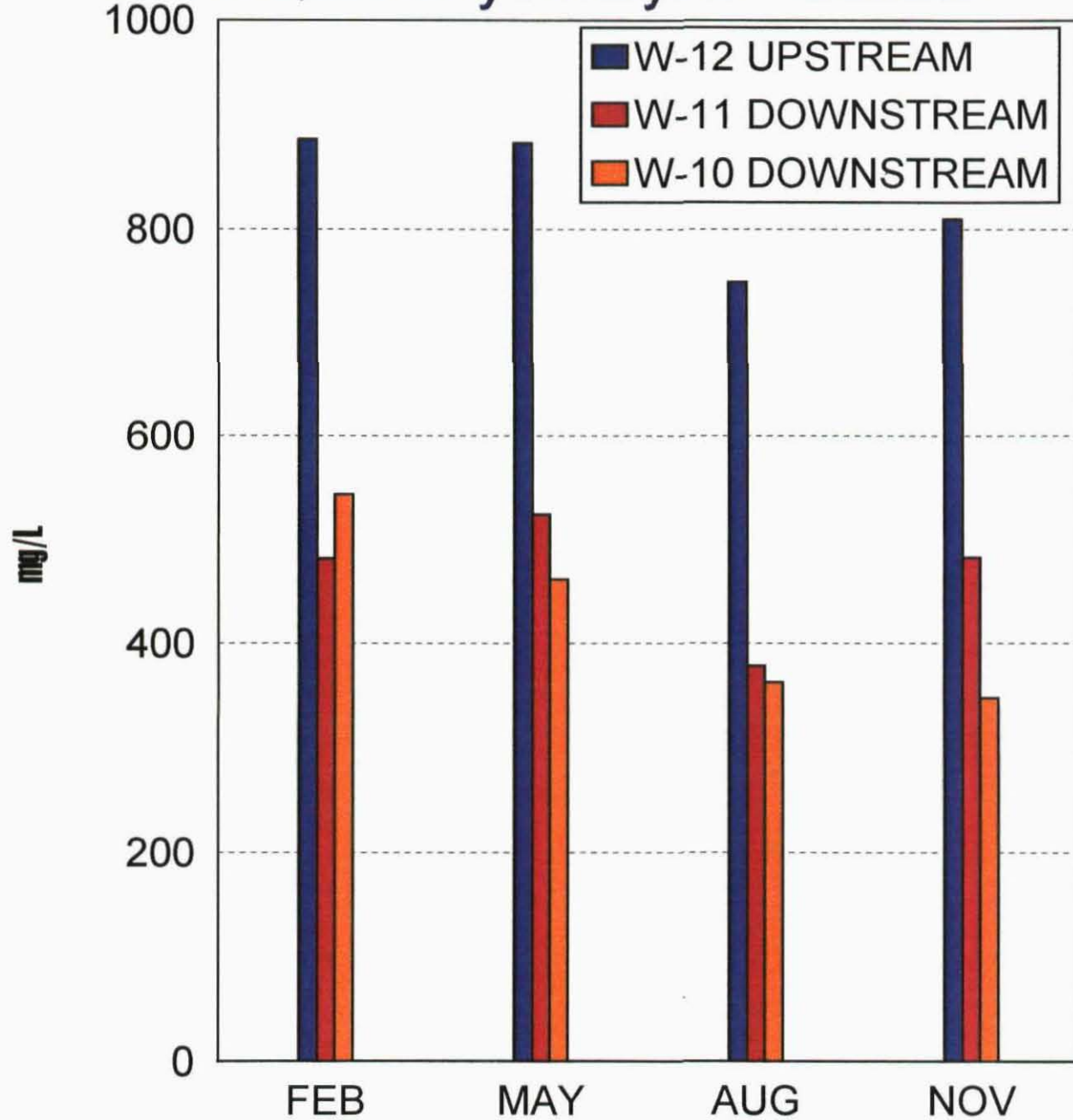


RECEIVING WATER CONSTITUENTS FOR 2000

MONTH	<u>Sulphate</u>		
	W-12 mg/L	W-11 mg/L	W-10 mg/L
February	886	481	543
May	882	542	461
August	750	379	636
November	810	482	348
Average	832	471	497
W.Q.C.B. Limit	NONE	NONE	NONE

Receiving Water Constituents

2000 Quarterly Analysis - Sulfate

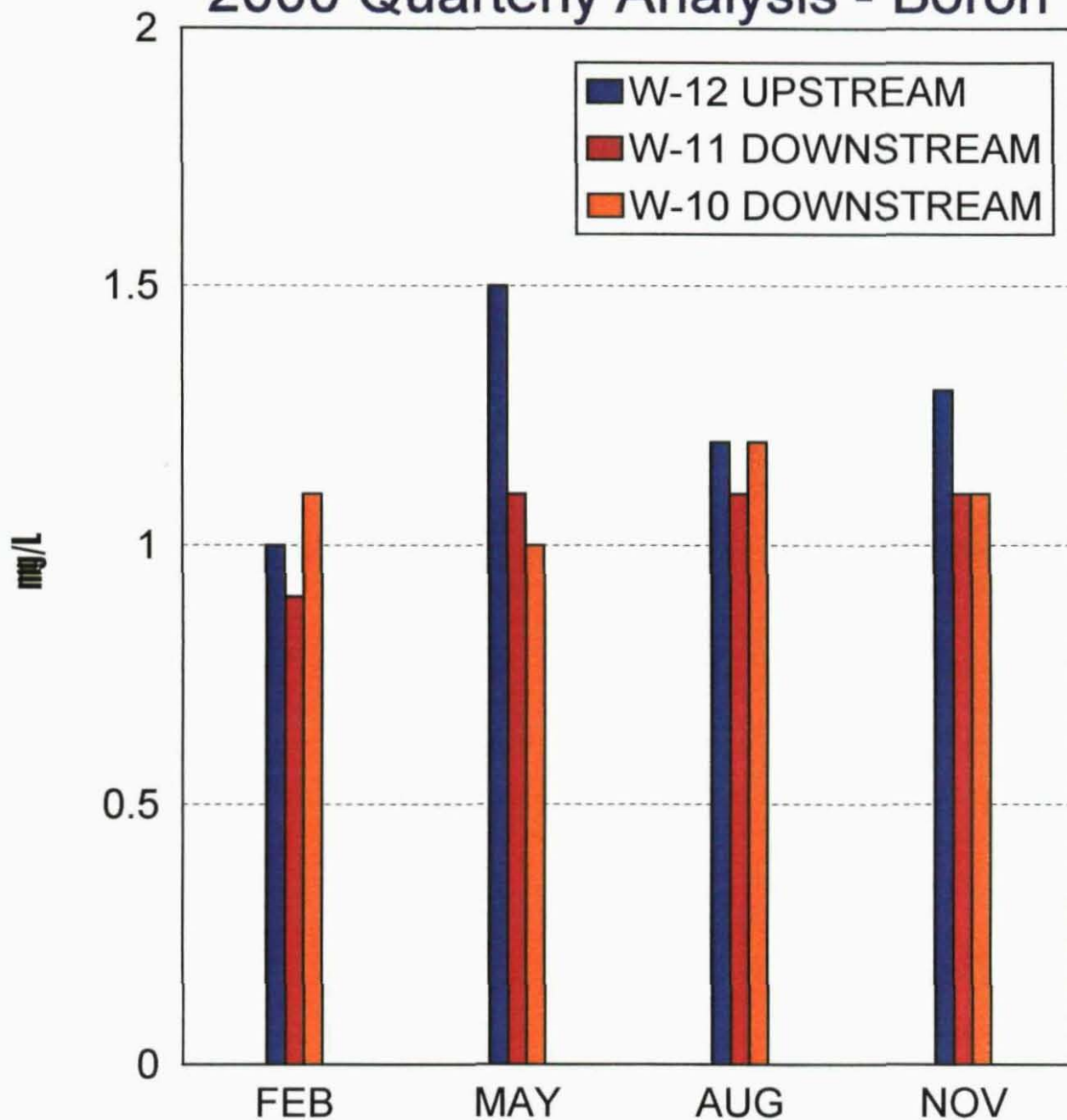


RECEIVING WATER CONSTITUENTS FOR 2000

MONTH	<u>Boron</u>		
	W-12 mg/L	W-11 mg/L	W-10 mg/L
February	1.0	0.9	1.1
May	1.5	1.1	1.0
August	1.2	1.1	1.1
November	1.3	1.1	1.0
Average	1.0	1.0	1.0
W.Q.C.B. Limit	NONE	NONE	NONE

Receiving Water Constituents

2000 Quarterly Analysis - Boron

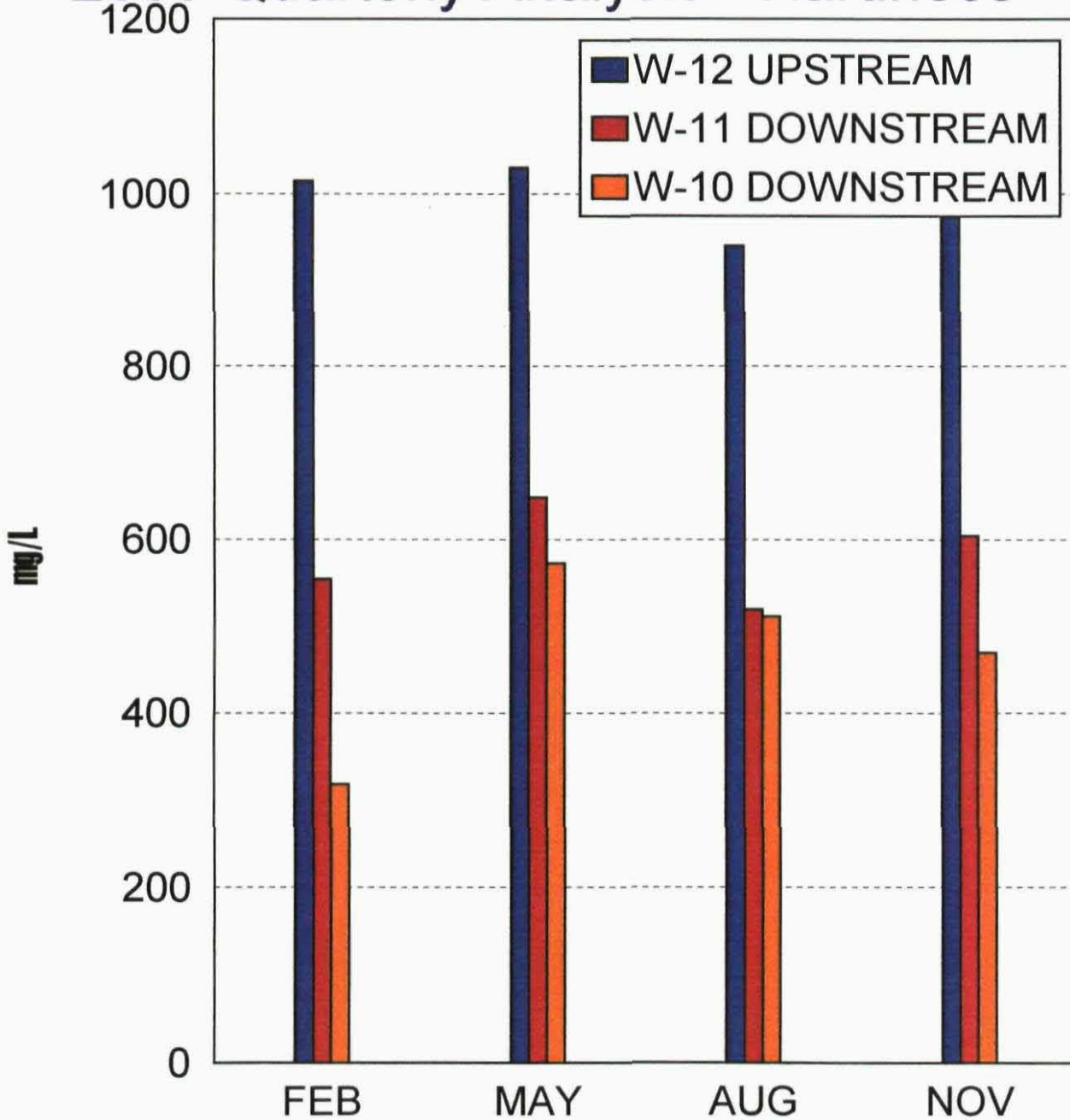


RECEIVING WATER CONSTITUENTS FOR 2000

MONTH	<u>Hardness</u>		
	W-12 mg/L	W-11 mg/L	W-10 mg/L
February	1030	643	570
May	1030	575	595
August	955	535	555
November	745	318	344
Average	1030	386	516
W.Q.C.B. Limit	NONE	NONE	NONE

Receiving Water Constituents

2000 Quarterly Analysis - Hardness



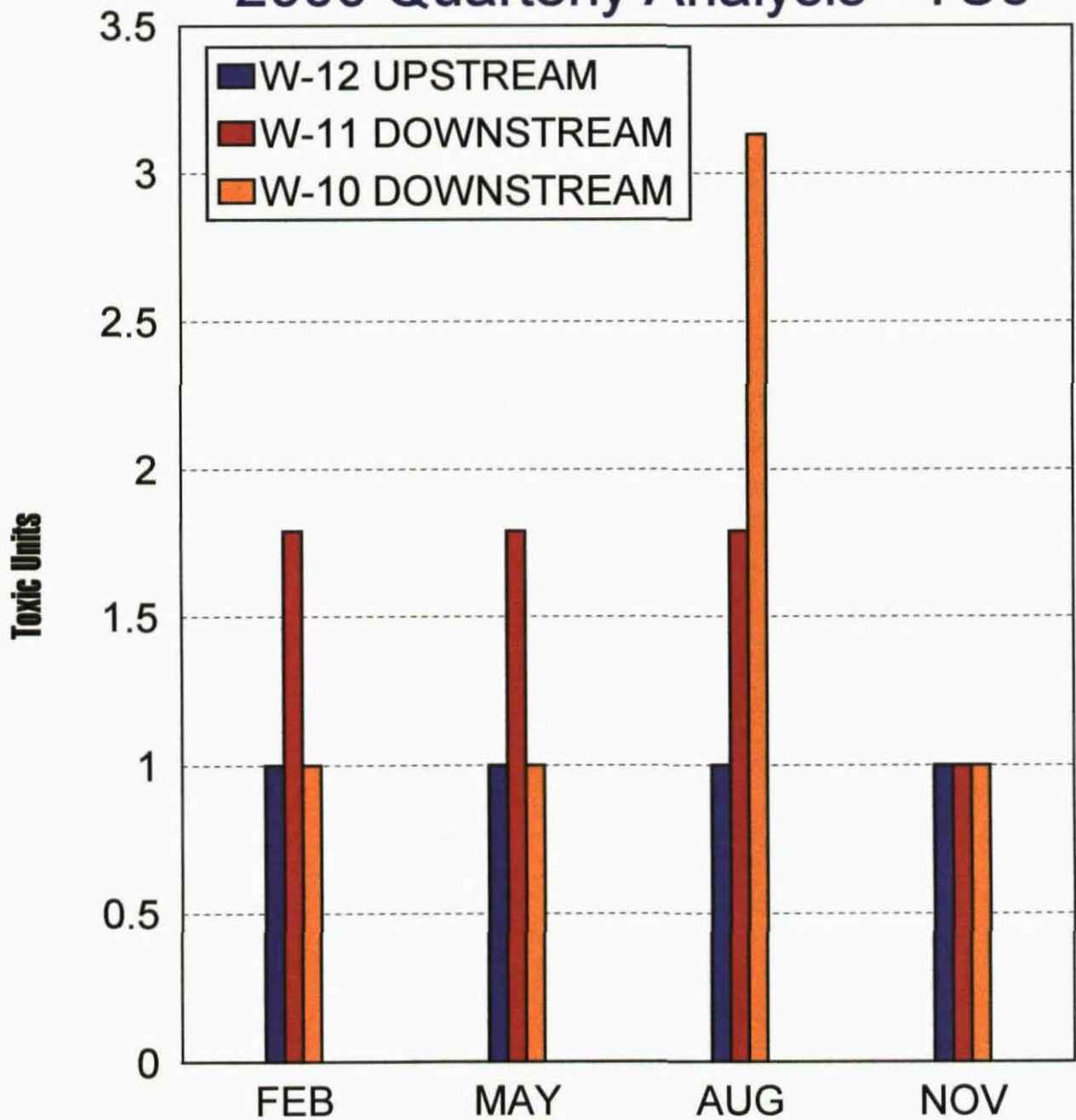
RECEIVING WATER CONSTITUENTS FOR 2000

Chronic Toxicity

MONTH	W-12 TUC	W-11 TUC	W-10 TUC
February	1.0	1.79	1.0
May	1.0	1.79	1.0
August	1.0	1.79	3.13
November	1.00	1.00	1.0
Average	1.0	1.59	1.53
W.Q.C.B. Limit	NONE	NONE	NONE

Receiving Water Constituents

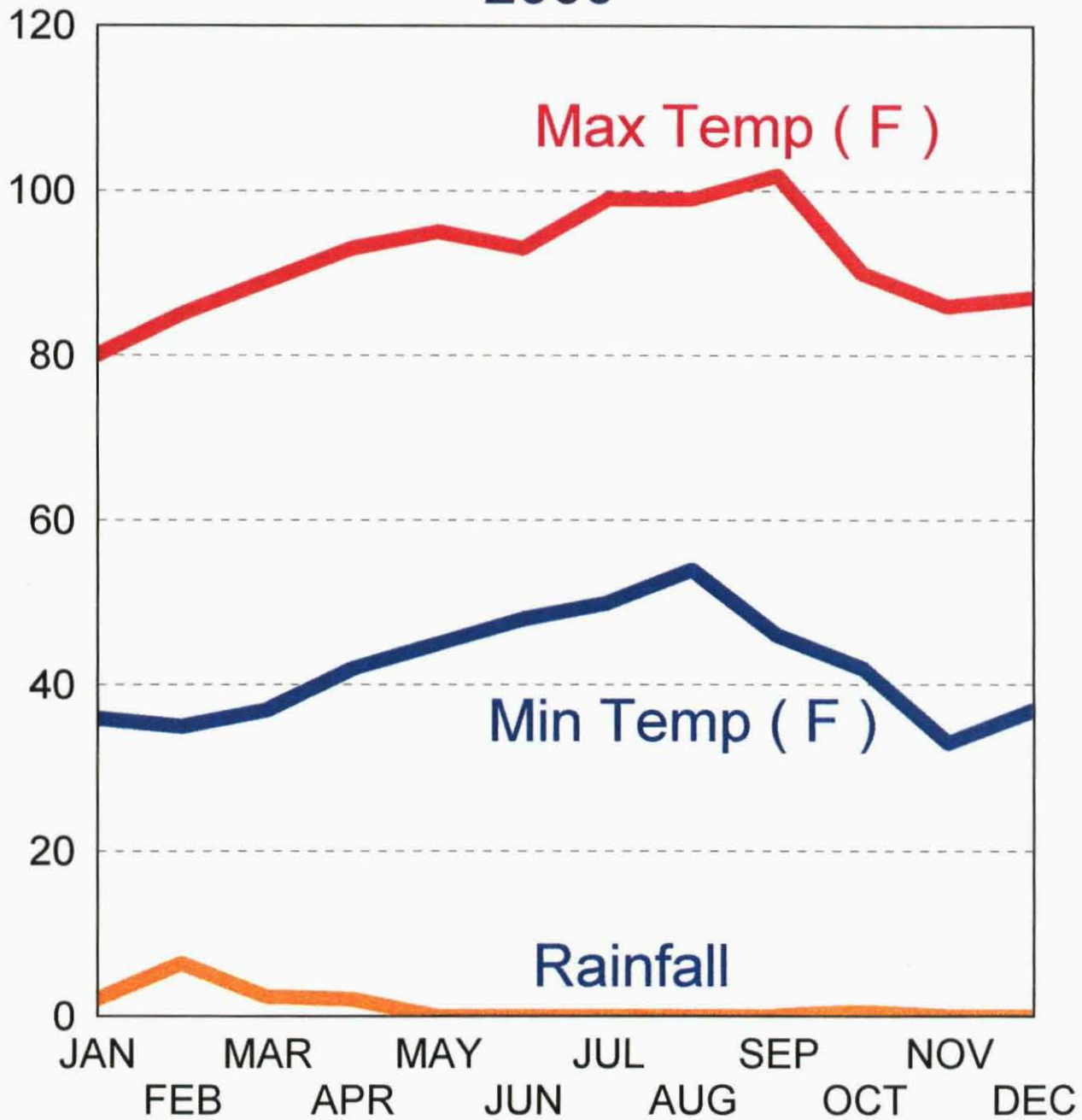
2000 Quarterly Analysis - TUc



**MONTHLY AVERAGES OF DAILY TEMPERATURES
AND PRECIPITATION FOR 2000**

MONTH	<u>Temperature (°F)</u>		Rainfall (in Inches)
	Minimum	Maximum	
January	36	80	2.1
February	35	85	6.4
March	37	89	2.4
April	42	93	2.1
May	45	95	0.0
June	48	93	0.0
July	50	99	0.0
August	54	99	0.0
September	46	102	0.1
October	42	90	0.6
November	33	86	0.0
December	37	87	0.0
Average	42	92	1.14
Total			13.7
W.Q.C.B. Limit	NONE	NONE	NONE

Temperature And Rainfall Averages 2000



RECEIVING WATER CONSTITUENTS FOR 2000

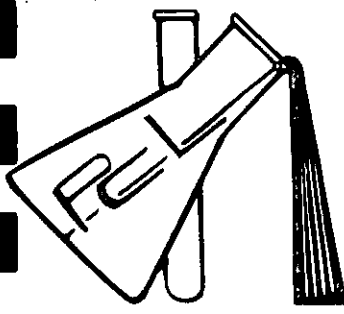
Semi-Annual Testing for
Arsenic, Cadmium, Chromium, Copper, Nickel, Lead,
Chlorinated Pesticides, N and P Pesticides, BNA,
Total Petroleum Hydrocarbon

Date: February 2, 2000

Constituents	mg/L *D.L.	W-12 mg/L	W-11 mg/L	W-10 mg/L
Arsenic	0.10	ND	ND	ND
Cadmium	0.02	ND	ND	ND
Chromium	0.02	ND	ND	ND
Copper	0.02	ND	ND	ND
Nickel	0.02	ND	ND	ND
Lead	0.02	ND	ND	ND
Zinc	0.02	ND	ND	ND
Chlorinated Pesticides		See Attachment 1	See Attachment 2	See Attachment 3
N & P Pesticides		See Attachment 1	See Attachment 2	See Attachment 3
BNA		See Attachment 1	See Attachment 2	See Attachment 3
Total Petroleum Hydrocarbon		See Attachment 1	See Attachment 2	See Attachment 3

*Detection Limit

ATTACHMENT 1
RECEIVING WATER RESULTS
W - 12



PAT-CHEM LABORATORIES

Customer: **City of Simi Valley**
500 West Los Angeles Avenue
Simi Valley, CA 93095

Attention: Ms. Barbara Santos

Report Date: 2-15-00

P.O.#: 41127

Sample I.D.: 51251

Subject: Receiving Water Grab Sample

Sampling Data:

Sample Date:	2-2-00
Sampled By:	City of Simi Valley
S.V.I.D.#:	8036
Location:	W12

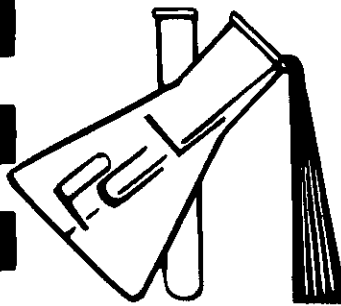
Results:

PARAMETER	EPA METHOD	DETECTION LIMIT	ANALYSIS
Arsenic	200.7	0.1 mg/L	< 0.1 mg/L
MBAS	425.1	0.05 mg/L	< 0.05 mg/L
Oil & Grease	413.1	5 mg/L	< 5 mg/L
TRPH	418.1	5 mg/L	< 5 mg/L

Comments: Sample was prepared per Section 200 of EPA-600/4-79-020 for metals analysis.

Respectfully Submitted,


Pat Brueckner
Laboratory Director



PAT-CHEM LABORATORIES

Customer: **City of Simi Valley**
500 West Los Angeles Avenue
Simi Valley, CA 93095

Attention: Ms. Barbara Santos

Report Date: 2-15-00 P.O.#: 41127

Sample I.D.: 51251

Subject: Receiving Water Grab Sample

Sampling Data:


Sample Date:	2-2-00
Sampled By:	City of Simi Valley
S.V.I.D.#:	8036
Location:	W12

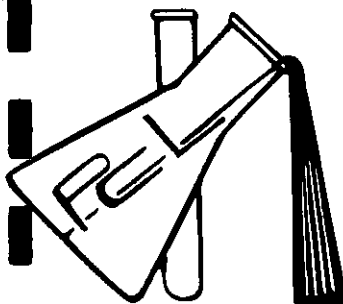
Results:

EPA Method 508

Parameter	Detection Limit	Analysis
Alpha-BHC	0.01 ug/L	< 0.01 ug/L
Gamma-BHC (lindane)	0.01 ug/L	< 0.01 ug/L
Beta-BHC	0.03 ug/L	< 0.03 ug/L
Heptachlor	0.01 ug/L	< 0.01 ug/L
Delta-BHC	0.01 ug/L	< 0.01 ug/L
Aldrin	0.01 ug/L	< 0.01 ug/L
Heptachlor Epoxide	0.01 ug/L	< 0.01 ug/L
Endosulfan I	0.1 ug/L	< 0.1 ug/L
4,4'-DDE	0.01 ug/L	< 0.01 ug/L
Dieldrin	0.01 ug/L	< 0.01 ug/L
Endrin	0.05 ug/L	< 0.05 ug/L
4,4'-DDD	0.01 ug/L	< 0.01 ug/L
Endosulfan II	0.01 ug/L	< 0.01 ug/L
4,4'-DDT	0.01 ug/L	< 0.01 ug/L
Endrin Aldehyde	0.1 ug/L	< 0.1 ug/L
Endosulfan Sulfate	0.5 ug/L	< 0.5 ug/L
Methoxychlor	0.5 ug/L	< 0.5 ug/L
Toxaphene	1.0 ug/L	< 1.0 ug/L
Chlordane	1.0 ug/L	< 1.0 ug/L

Respectfully Submitted,


Pat Brueckner
Laboratory Director



PAT-CHEM LABORATORIES

Customer: **City of Simi Valley**
500 West Los Angeles Avenue
Simi Valley, CA 93095

Attention: Ms. Barbara Santos

Report Date: 2-15-00 P.O.#: 41127

Sample I.D.: 51251

Subject: Receiving Water Grab Sample

Sampling Data:


Sample Date:	2-2-00
Sampled By:	City of Simi Valley
S.V.I.D.#:	8036
Location:	W12

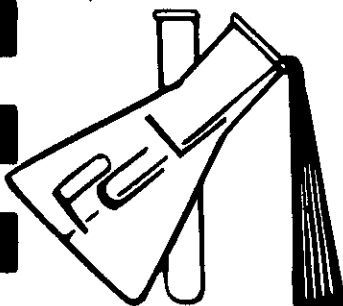
Results:

EPA Method 507

Parameter	Detection Limit	Analysis
Ametryne	0.04 ug/L	< 0.04 ug/L
Cycloate	0.04 ug/L	< 0.04 ug/L
Disulfoton	0.04 ug/L	< 0.04 ug/L
Phenamiphos	0.04 ug/L	< 0.04 ug/L
Prometon	0.04 ug/L	< 0.04 ug/L
Tributylphosphorotrithioite	0.04 ug/L	< 0.04 ug/L
Atrazine	0.04 ug/L	< 0.04 ug/L
Diphenamid	0.04 ug/L	< 0.04 ug/L
Prometryne	0.04 ug/L	< 0.04 ug/L
Propazine	0.04 ug/L	< 0.04 ug/L
Terbutryne	0.04 ug/L	< 0.04 ug/L
Triadimefon	0.04 ug/L	< 0.04 ug/L
Butachlor	0.04 ug/L	< 0.04 ug/L
Carboxin	0.04 ug/L	< 0.04 ug/L
Diazinon	0.04 ug/L	< 0.04 ug/L
Metolachlor	0.04 ug/L	< 0.04 ug/L
Metribuzin	0.04 ug/L	< 0.04 ug/L

Respectfully Submitted,


Pat Brueckner
Laboratory Director



PAT-CHEM LABORATORIES

Customer: **City of Simi Valley**
500 West Los Angeles Avenue
Simi Valley, CA 93095

Attention: Ms. Barbara Santos

Report Date: 2-15-00 P.O.#: 41127

Sample I.D.: 51251

Subject: Receiving Water Grab Sample

Sampling Data:

Sample Date:	2-2-00
Sampled By:	City of Simi Valley
S.V.I.D.#:	8036
Location:	W12

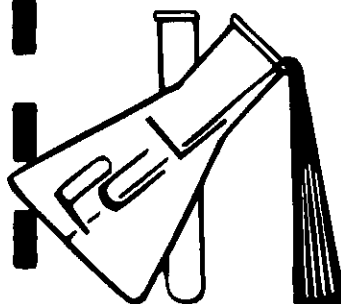
Results:

EPA Method 507

Parameter	Detection Limit	Analysis
MGK 264	0.04 ug/L	< 0.04 ug/L
Norflurazon	0.04 ug/L	< 0.04 ug/L
Terbufos	0.04 ug/L	< 0.04 ug/L
Vernolate	0.04 ug/L	< 0.04 ug/L
Alachlor	0.04 ug/L	< 0.04 ug/L
Atraton	0.04 ug/L	< 0.04 ug/L
Bromacil	0.04 ug/L	< 0.04 ug/L
Butylate	0.04 ug/L	< 0.04 ug/L
Chlorpropham	0.04 ug/L	< 0.04 ug/L
Molinate	0.04 ug/L	< 0.04 ug/L
Dichlorvos	0.04 ug/L	< 0.04 ug/L
Fenarimol	0.04 ug/L	< 0.04 ug/L
Tebuthiuron	0.04 ug/L	< 0.04 ug/L
Terbacil	0.04 ug/L	< 0.04 ug/L

Respectfully Submitted,

Pat Brueckner
Laboratory Director



PAT-CHEM LABORATORIES

Customer: **City of Simi Valley**
500 West Los Angeles Avenue
Simi Valley, CA 93095

Attention: Ms. Barbara Santos

Report Date: 2-15-00 P.O.#: 41127

Sample I.D.: 51251

Subject: Receiving Water Grab Sample

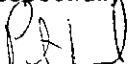
Sampling Data:

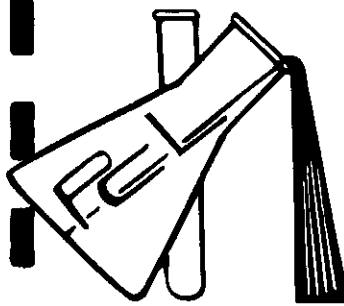
Sample Date:	2-2-00
Sampled By:	City of Simi Valley
S.V.I.D.#:	8036
Location:	W12

Results:

PARAMETER	EPA METHOD	DETECTION LIMIT	ANALYSIS
Acenaphthene	625	2 ug/L	< 2 ug/L
Benzidine	625	5 ug/L	< 5 ug/L
1,2,4-Trichlorobenzene	625	2 ug/L	< 2 ug/L
Hexachlorobenzene	625	3 ug/L	< 3 ug/L
Hexachloroethane	625	2 ug/L	< 2 ug/L
bis-(2-chloroethyl) ether	625	3 ug/L	< 3 ug/L
2-Chloronaphthalene	625	2 ug/L	< 2 ug/L
2,4,6-Trichlorophenol	625	10 ug/L	< 10 ug/L
p-Chloro-m-cresol	625	10 ug/L	< 10 ug/L
2-Chlorophenol	625	10 ug/L	< 10 ug/L
3,3'-Dichlorobenzidine	625	10 ug/L	< 10 ug/L
2,4-Dichlorophenol	625	10 ug/L	< 10 ug/L
2,4-Dimethylphenol	625	5 ug/L	< 5 ug/L
2,4-Dinitrotoluene	625	2 ug/L	< 2 ug/L
2,6-Dinitrotoluene	625	2 ug/L	< 2 ug/L
1,2-Diphenylhydrazine	625	25 ug/L	< 25 ug/L
Fluoranthene	625	2 ug/L	< 2 ug/L
4-Chlorophenyl phenyl ether	625	2 ug/L	< 2 ug/L
4-Bromophenyl phenyl ether	625	2 ug/L	< 2 ug/L
bis-(2-chloroisopropyl) ether	625	2 ug/L	< 2 ug/L

Respectfully Submitted,


Pat Brueckner
Laboratory Director



PAT-CHEM LABORATORIES

Customer: **City of Simi Valley**
500 West Los Angeles Avenue
Simi Valley, CA 93095

Attention: Ms. Barbara Santos

Report Date: 2-15-00

P.O.#: 41127

Sample I.D.: 51251

Subject: Receiving Water Grab Sample

Sampling Data:

Sample Date:	2-2-00
Sampled By:	City of Simi Valley
S.V.I.D.#:	8036
Location:	W12

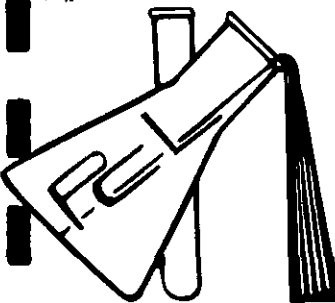
Results:

PARAMETER	EPA METHOD	DETECTION LIMIT	ANALYSIS
bis-(2-chloroethoxy) methane	625	5 ug/L	< 5 ug/L
Hexachlorobutadiene	625	5 ug/L	< 5 ug/L
Hexachlorocyclopentadiene	625	5 ug/L	< 5 ug/L
Isophorone	625	2 ug/L	< 2 ug/L
Naphthalene	625	2 ug/L	< 2 ug/L
Nitrobenzene	625	5 ug/L	< 5 ug/L
2-Nitrophenol	625	10 ug/L	< 10 ug/L
4-Nitrophenol	625	20 ug/L	< 20 ug/L
2,4-Dinitrophenol	625	20 ug/L	< 20 ug/L
4,6-Dinitro-o-cresol	625	20 ug/L	< 20 ug/L
n-Nitrosodimethylamine	625	5 ug/L	< 5 ug/L
n-Nitrosodiphenylamine	625	2 ug/L	< 2 ug/L
n-Nitrosodi-n-propylamine	625	2 ug/L	< 2 ug/L
Pentachlorophenol	625	20 ug/L	< 20 ug/L
Phenol	625	5 ug/L	< 5 ug/L
bis-(2-ethylhexyl) phthalate	625	2 ug/L	< 2 ug/L
Butyl benzyl phthalate	625	2 ug/L	< 2 ug/L
Di-n-butyl phthalate	625	2 ug/L	< 2 ug/L
Di-n-octyl phthalate	625	2 ug/L	< 2 ug/L
Diethyl phthalate	625	2 ug/L	< 2 ug/L
Dimethyl phthalate	625	2 ug/L	< 2 ug/L

Respectfully Submitted,

Pat Brueckner
Laboratory Director

ATTACHMENT 2
RECEIVING WATER RESULTS
W - 11



PAT-CHEM LABORATORIES

Customer: **City of Simi Valley**
 500 West Los Angeles Avenue
 Simi Valley, CA 93095

Attention: Ms. Barbara Santos

Report Date: 2-15-00 P.O.#: 41127

Sample I.D.: 51250

Subject: Receiving Water Grab Sample


Sampling Data:

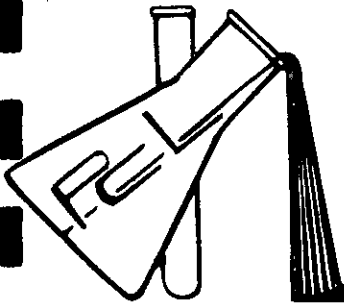
Sample Date:	2-2-00
Sampled By:	City of Simi Valley
S.V.I.D.#:	8035
Location:	W11

Results:

PARAMETER	EPA METHOD	DETECTION LIMIT	ANALYSIS
Arsenic	200.7	0.1 mg/L	< 0.1 mg/L
MBAS	425.1	0.05 mg/L	0.24 mg/L
Oil & Grease	413.1	5 mg/L	< 5 mg/L
TRPH	418.1	5 mg/L	< 5 mg/L

Comments: Sample was prepared per Section 200 of EPA-600/4-79-020 for metals analysis.

Respectfully Submitted,

 Pat Brueckner
 Laboratory Director



PAT-CHEM LABORATORIES

Customer: **City of Simi Valley**
500 West Los Angeles Avenue
Simi Valley, CA 93095

Attention: Ms. Barbara Santos

Report Date: 2-15-00 P.O.#: 41127

Sample I.D.: 51250

Subject: Receiving Water Grab Sample

Sampling Data:

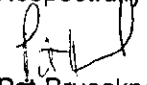
Sample Date:	2-2-00
Sampled By:	City of Simi Valley
S.V.I.D.#:	8035
Location:	W11

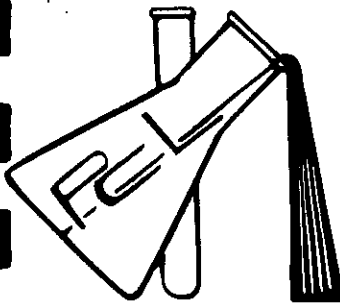
Results:

EPA Method 508

Parameter	Detction Limit	Analysis
Alpha-BHC	0.01 ug/L	< 0.01 ug/L
Gamma-BHC (lindane)	0.01 ug/L	< 0.01 ug/L
Beta-BHC	0.03 ug/L	< 0.03 ug/L
Heptachlor	0.01 ug/L	< 0.01 ug/L
Delta-BHC	0.01 ug/L	< 0.01 ug/L
Aldrin	0.01 ug/L	< 0.01 ug/L
Heptachlor Epoxide	0.01 ug/L	< 0.01 ug/L
Endosulfan I	0.1 ug/L	< 0.1 ug/L
4,4'-DDE	0.01 ug/L	< 0.01 ug/L
Dieldrin	0.01 ug/L	< 0.01 ug/L
Endrin	0.05 ug/L	< 0.05 ug/L
4,4'-DDD	0.01 ug/L	< 0.01 ug/L
Endosulfan II	0.01 ug/L	< 0.01 ug/L
4,4'-DDT	0.01 ug/L	< 0.01 ug/L
Endrin Aldehyde	0.1 ug/L	< 0.1 ug/L
Endosulfan Sulfate	0.5 ug/L	< 0.5 ug/L
Methoxychlor	0.5 ug/L	< 0.5 ug/L
Toxaphene	1.0 ug/L	< 1.0 ug/L
Chlordane	1.0 ug/L	< 1.0 ug/L

Respectfully Submitted,


Pat Brueckner
Laboratory Director



PAT-CHEM LABORATORIES

Customer: **City of Simi Valley**
500 West Los Angeles Avenue
Simi Valley, CA 93095

Attention: Ms. Barbara Santos

Report Date: 2-15-00

P.O.#: 41127

Sample I.D.: 51250

Subject: Receiving Water Grab Sample

Sampling Data:


Sample Date:	2-2-00
Sampled By:	City of Simi Valley
S.V.I.D.#:	8035
Location:	W11

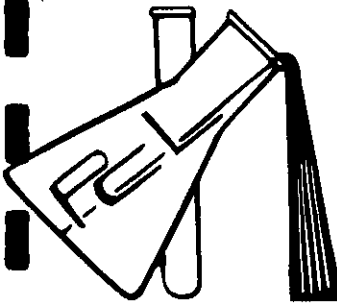
Results:

EPA Method 507

Parameter	Detection Limit	Analysis
Ametryne	0.04 ug/L	< 0.04 ug/L
Cycloate	0.04 ug/L	< 0.04 ug/L
Disulfoton	0.04 ug/L	< 0.04 ug/L
Phenamiphos	0.04 ug/L	< 0.04 ug/L
Prometon	0.04 ug/L	< 0.04 ug/L
Tributylphosphorotrithioite	0.04 ug/L	< 0.04 ug/L
Atrazine	0.04 ug/L	< 0.04 ug/L
Diphenamid	0.04 ug/L	< 0.04 ug/L
Prometryne	0.04 ug/L	< 0.04 ug/L
Propazine	0.04 ug/L	< 0.04 ug/L
Terbutryne	0.04 ug/L	< 0.04 ug/L
Triadimefon	0.04 ug/L	< 0.04 ug/L
Butachlor	0.04 ug/L	< 0.04 ug/L
Carboxin	0.04 ug/L	< 0.04 ug/L
Diazinon	0.04 ug/L	< 0.04 ug/L
Metolachlor	0.04 ug/L	< 0.04 ug/L
Metribuzin	0.04 ug/L	< 0.04 ug/L

Respectfully Submitted,


Pat Brueckner
Laboratory Director



PAT-CHEM LABORATORIES

Customer: **City of Simi Valley**
500 West Los Angeles Avenue
Simi Valley, CA 93095

Attention: Ms. Barbara Santos

Report Date: 2-15-00 P.O.#: 41127

Sample I.D.: 51250

Subject: Receiving Water Grab Sample

Sampling Data:

Sample Date:	2-2-00
Sampled By:	City of Simi Valley
S.V.I.D.#:	8035
Location:	W11

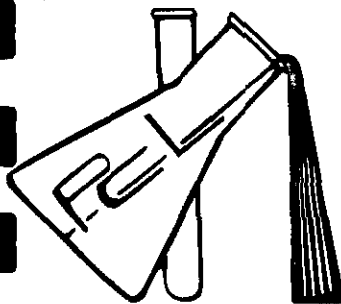
Results:

EPA Method 507

Parameter	Detection Limit	Analysis
MGK 264	0.04 ug/L	< 0.04 ug/L
Norflurazon	0.04 ug/L	< 0.04 ug/L
Terbufos	0.04 ug/L	< 0.04 ug/L
Vernolate	0.04 ug/L	< 0.04 ug/L
Alachlor	0.04 ug/L	< 0.04 ug/L
Atraton	0.04 ug/L	< 0.04 ug/L
Bromacil	0.04 ug/L	< 0.04 ug/L
Butylate	0.04 ug/L	< 0.04 ug/L
Chlorpropham	0.04 ug/L	< 0.04 ug/L
Molinate	0.04 ug/L	< 0.04 ug/L
Dichlorvos	0.04 ug/L	< 0.04 ug/L
Fenarimol	0.04 ug/L	< 0.04 ug/L
Tebuthiuron	0.04 ug/L	< 0.04 ug/L
Terbacil	0.04 ug/L	< 0.04 ug/L

Respectfully Submitted,

Pat Brueckner
Laboratory Director



PAT-CHEM LABORATORIES

Customer: City of Simi Valley
500 West Los Angeles Avenue
Simi Valley, CA 93095

Attention: Ms. Barbara Santos

Report Date: 2-15-00

P.O.#: 41127

Sample I.D.: 51250

Subject: Receiving Water Grab Sample

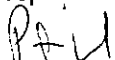
Sampling Data:

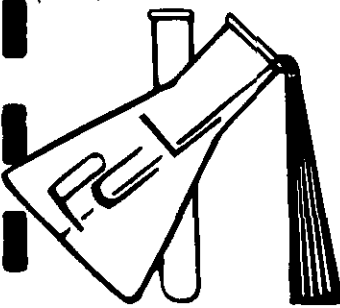
Sample Date:	2-2-00
Sampled By:	City of Simi Valley
S.V.I.D.#:	8035
Location:	W11

Results:

PARAMETER	EPA METHOD	DETECTION LIMIT	ANALYSIS
Acenaphthene	625	2 ug/L	< 2 ug/L
Benzidine	625	5 ug/L	< 5 ug/L
1,2,4-Trichlorobenzene	625	2 ug/L	< 2 ug/L
Hexachlorobenzene	625	3 ug/L	< 3 ug/L
Hexachloroethane	625	2 ug/L	< 2 ug/L
bis-(2-chloroethyl) ether	625	3 ug/L	< 3 ug/L
2-Chloronaphthalene	625	2 ug/L	< 2 ug/L
2,4,6-Trichlorophenol	625	10 ug/L	< 10 ug/L
p-Chloro-m-cresol	625	10 ug/L	< 10 ug/L
2-Chlorophenol	625	10 ug/L	< 10 ug/L
3,3'-Dichlorobenzidine	625	10 ug/L	< 10 ug/L
2,4-Dichlorophenol	625	10 ug/L	< 10 ug/L
2,4-Dimethylphenol	625	5 ug/L	< 5 ug/L
2,4-Dinitrotoluene	625	2 ug/L	< 2 ug/L
2,6-Dinitrotoluene	625	2 ug/L	< 2 ug/L
1,2-Diphenylhydrazine	625	25 ug/L	< 25 ug/L
Fluoranthene	625	2 ug/L	< 2 ug/L
4-Chlorophenyl phenyl ether	625	2 ug/L	< 2 ug/L
4-Bromophenyl phenyl ether	625	2 ug/L	< 2 ug/L
bis-(2-chloroisopropyl) ether	625	2 ug/L	< 2 ug/L

Respectfully Submitted,


Pat Brueckner
Laboratory Director



PAT-CHEM LABORATORIES

Customer: **City of Simi Valley**
500 West Los Angeles Avenue
Simi Valley, CA 93095

Attention: Ms. Barbara Santos

Report Date: 2-15-00 P.O.#: 41127

Sample I.D.: 51250

Subject: Receiving Water Grab Sample

Sampling Data:

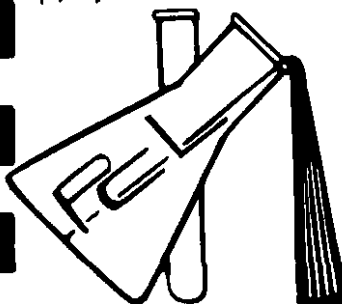
Sample Date:	2-2-00
Sampled By:	City of Simi Valley
S.V.I.D.#:	8035
Location:	W11

Results:

PARAMETER	EPA METHOD	DETECTION LIMIT	ANALYSIS
bis-(2-chloroethoxy) methane	625	5 ug/L	< 5 ug/L
Hexachlorobutadiene	625	5 ug/L	< 5 ug/L
Hexachlorocyclopentadiene	625	5 ug/L	< 5 ug/L
Isophorone	625	2 ug/L	< 2 ug/L
Naphthalene	625	2 ug/L	< 2 ug/L
Nitrobenzene	625	5 ug/L	< 5 ug/L
2-Nitrophenol	625	10 ug/L	< 10 ug/L
4-Nitrophenol	625	20 ug/L	< 20 ug/L
2,4-Dinitrophenol	625	20 ug/L	< 20 ug/L
4,6-Dinitro-o-cresol	625	20 ug/L	< 20 ug/L
n-Nitrosodimethylamine	625	5 ug/L	< 5 ug/L
n-Nitrosodiphenylamine	625	2 ug/L	< 2 ug/L
n-Nitrosodi-n-propylamine	625	2 ug/L	< 2 ug/L
Pentachlorophenol	625	20 ug/L	< 20 ug/L
Phenol	625	5 ug/L	< 5 ug/L
bis-(2-ethylhexyl) phthalate	625	2 ug/L	< 2 ug/L
Butyl benzyl phthalate	625	2 ug/L	< 2 ug/L
Di-n-butyl phthalate	625	2 ug/L	< 2 ug/L
Di-n-octyl phthalate	625	2 ug/L	< 2 ug/L
Diethyl phthalate	625	2 ug/L	< 2 ug/L
Dimethyl phthalate	625	2 ug/L	< 2 ug/L

Respectfully Submitted,


Pat Brueckner
Laboratory Director



PAT-CHEM LABORATORIES

Customer: **City of Simi Valley**
500 West Los Angeles Avenue
Simi Valley, CA 93095

Attention: Ms. Barbara Santos

Report Date: 2-15-00

P.O.#: 41127

Sample I.D.: 51250

Subject: Receiving Water Grab Sample

Sampling Data:

Sample Date:	2-2-00
Sampled By:	City of Simi Valley
S.V.I.D.#:	8035
Location:	W11

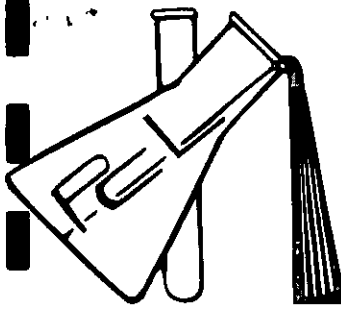
Results:

PARAMETER	EPA METHOD	DETECTION LIMIT	ANALYSIS
Benzo(a)anthracene	625	2 ug/L	< 2 ug/L
Benzo(a)pyrene	625	2 ug/L	< 2 ug/L
Benzo(b)fluoranthene	625	2 ug/L	< 2 ug/L
Benzo(k)fluoranthene	625	2 ug/L	< 2 ug/L
Chrysene	625	2 ug/L	< 2 ug/L
Acenaphthylene	625	2 ug/L	< 2 ug/L
Anthracene	625	2 ug/L	< 2 ug/L
Benzo(ghi)perylene	625	2 ug/L	< 2 ug/L
Benzo(a)anthracene	625	2 ug/L	< 2 ug/L
Dibenzo(a,h)anthracene	625	2 ug/L	< 2 ug/L
Ideno (1,2,3-cd)pyrene	625	2 ug/L	< 2 ug/L
Pyrene	625	2 ug/L	< 2 ug/L

Respectfully Submitted,


Pat Brueckner
Laboratory Director

ATTACHMENT 3
RECEIVING WATER RESULTS
W - 10



PAT-CHEM LABORATORIES

Customer: **City of Simi Valley**
500 West Los Angeles Avenue
Simi Valley, CA 93095

Attention: Ms. Barbara Santos

Report Date: 2-15-00 P.O.#: 41127

Sample I.D.: 51248

Subject: Receiving Water Grab Sample

Sampling Data:

Sample Date:	2-2-00
Sampled By:	City of Simi Valley
S.V.I.D.#:	8034
Location:	W10

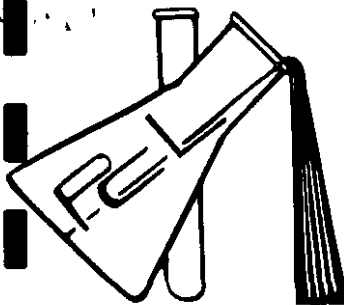
Results:

PARAMETER	EPA METHOD	DETECTION LIMIT	ANALYSIS
Arsenic	200.7	0.1 mg/L	< 0.1 mg/L
MBAS	425.1	0.05 mg/L	0.30 mg/L
Oil & Grease	413.1	5 mg/L	< 5 mg/L
TRPH	418.1	5 mg/L	< 5 mg/L

Comments: Sample was prepared per Section 200 of EPA-600/4-79-020 for metals analysis.

Respectfully Submitted,

Pat Brueckner
Laboratory Director



PAT-CHEM LABORATORIES

Customer: **City of Simi Valley**
500 West Los Angeles Avenue
Simi Valley, CA 93095

Attention: Ms. Barbara Santos

Report Date: 2-15-00 P.O.#: 41127

Sample I.D.: 51248

Subject: Receiving Water Grab Sample

Sampling Data:

Sample Date:	2-2-00
Sampled By:	City of Simi Valley
S.V.I.D.#:	8034
Location:	W10

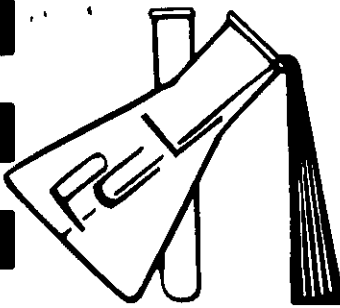
Results:

EPA Method 508

Parameter	Detction Limit	Analysis
Alpha-BHC	0.01 ug/L	< 0.01 ug/L
Gamma-BHC (lindane)	0.01 ug/L	< 0.01 ug/L
Beta-BHC	0.03 ug/L	< 0.03 ug/L
Heptachlor	0.01 ug/L	< 0.01 ug/L
Delta-BHC	0.01 ug/L	< 0.01 ug/L
Aldrin	0.01 ug/L	< 0.01 ug/L
Heptachlor Epoxide	0.01 ug/L	< 0.01 ug/L
Endosulfan I	0.1 ug/L	< 0.1 ug/L
4,4'-DDE	0.01 ug/L	< 0.01 ug/L
Dieldrin	0.01 ug/L	< 0.01 ug/L
Endrin	0.05 ug/L	< 0.05 ug/L
4,4'-DDD	0.01 ug/L	< 0.01 ug/L
Endosulfan II	0.01 ug/L	< 0.01 ug/L
4,4'-DDT	0.01 ug/L	< 0.01 ug/L
Endrin Aldehyde	0.1 ug/L	< 0.1 ug/L
Endosulfan Sulfate	0.5 ug/L	< 0.5 ug/L
Methoxychlor	0.5 ug/L	< 0.5 ug/L
Toxaphene	1.0 ug/L	< 1.0 ug/L
Chlordane	1.0 ug/L	< 1.0 ug/L

Respectfully Submitted,


Pat Brueckner
Laboratory Director



PAT-CHEM LABORATORIES

Customer: **City of Simi Valley**
500 West Los Angeles Avenue
Simi Valley, CA 93095

Attention: Ms. Barbara Santos

Report Date: 2-15-00 P.O.#: 41127

Sample I.D.: 51248

Subject: Receiving Water Grab Sample

Sampling Data:

Sample Date:	2-2-00
Sampled By:	City of Simi Valley
S.V.I.D.#:	8034
Location:	W10

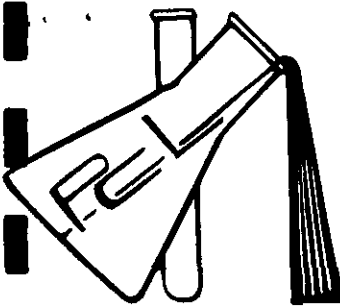
Results:

EPA Method 507

Parameter	Detection Limit	Analysis
Ametryne	0.04 ug/L	< 0.04 ug/L
Cycloate	0.04 ug/L	< 0.04 ug/L
Disulfoton	0.04 ug/L	< 0.04 ug/L
Phenamiphos	0.04 ug/L	< 0.04 ug/L
Prometon	0.04 ug/L	< 0.04 ug/L
Tributylphosphorotrithioite	0.04 ug/L	< 0.04 ug/L
Atrazine	0.04 ug/L	< 0.04 ug/L
Diphenamid	0.04 ug/L	< 0.04 ug/L
Prometryne	0.04 ug/L	< 0.04 ug/L
Propazine	0.04 ug/L	< 0.04 ug/L
Terbutryne	0.04 ug/L	< 0.04 ug/L
Triadimefon	0.04 ug/L	< 0.04 ug/L
Butachlor	0.04 ug/L	< 0.04 ug/L
Carboxin	0.04 ug/L	< 0.04 ug/L
Diazinon	0.04 ug/L	< 0.04 ug/L
Metolachlor	0.04 ug/L	< 0.04 ug/L
Metribuzin	0.04 ug/L	< 0.04 ug/L

Respectfully Submitted,


Pat Brueckner
Laboratory Director



PAT-CHEM LABORATORIES

Customer: **City of Simi Valley**
500 West Los Angeles Avenue
Simi Valley, CA 93095

Attention: Ms. Barbara Santos

Report Date: 2-15-00 P.O.#: 41127

Sample I.D.: 51248

Subject: Receiving Water Grab Sample

Sampling Data:

Sample Date:	2-2-00
Sampled By:	City of Simi Valley
S.V.I.D.#:	8034
Location:	W10

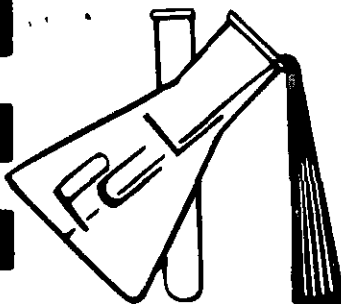
Results:

EPA Method 507

Parameter	Detection Limit	Analysis
MGK 264	0.04 ug/L	< 0.04 ug/L
Norflurazon	0.04 ug/L	< 0.04 ug/L
Terbufos	0.04 ug/L	< 0.04 ug/L
Vernolate	0.04 ug/L	< 0.04 ug/L
Alachlor	0.04 ug/L	< 0.04 ug/L
Atraton	0.04 ug/L	< 0.04 ug/L
Bromacil	0.04 ug/L	< 0.04 ug/L
Butylate	0.04 ug/L	< 0.04 ug/L
Chlorpropham	0.04 ug/L	< 0.04 ug/L
Molinate	0.04 ug/L	< 0.04 ug/L
Dichlorvos	0.04 ug/L	< 0.04 ug/L
Fenarimol	0.04 ug/L	< 0.04 ug/L
Tebuthiuron	0.04 ug/L	< 0.04 ug/L
Terbacil	0.04 ug/L	< 0.04 ug/L

Respectfully Submitted,

Pat Brueckner
Laboratory Director



PAT-CHEM LABORATORIES

Customer: **City of Simi Valley**
500 West Los Angeles Avenue
Simi Valley, CA 93095

Attention: Ms. Barbara Santos

Report Date: 2-15-00

P.O.#: 41127

Sample I.D.: 51248

Subject: Receiving Water Grab Sample

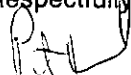
Sampling Data:

Sample Date:	2-2-00
Sampled By:	City of Simi Valley
S.V.I.D.#:	8034
Location:	W10

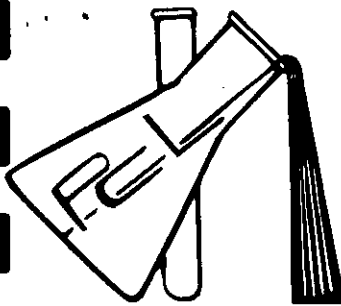
Results:

PARAMETER	EPA METHOD	DETECTION LIMIT	ANALYSIS
Acenaphthene	625	2 ug/L	< 2 ug/L
Benzidine	625	5 ug/L	< 5 ug/L
1,2,4-Trichlorobenzene	625	2 ug/L	< 2 ug/L
Hexachlorobenzene	625	3 ug/L	< 3 ug/L
Hexachloroethane	625	2 ug/L	< 2 ug/L
bis-(2-chloroethyl) ether	625	3 ug/L	< 3 ug/L
2-Chloronaphthalene	625	2 ug/L	< 2 ug/L
2,4,6-Trichlorophenol	625	10 ug/L	< 10 ug/L
p-Chloro-m-cresol	625	10 ug/L	< 10 ug/L
2-Chlorophenol	625	10 ug/L	< 10 ug/L
3,3'-Dichlorobenzidine	625	10 ug/L	< 10 ug/L
2,4-Dichlorophenol	625	10 ug/L	< 10 ug/L
2,4-Dimethylphenol	625	5 ug/L	< 5 ug/L
2,4-Dinitrotoluene	625	2 ug/L	< 2 ug/L
2,6-Dinitrotoluene	625	2 ug/L	< 2 ug/L
1,2-Diphenylhydrazine	625	25 ug/L	< 25 ug/L
Fluoranthene	625	2 ug/L	< 2 ug/L
4-Chlorophenyl phenyl ether	625	2 ug/L	< 2 ug/L
4-Bromophenyl phenyl ether	625	2 ug/L	< 2 ug/L
bis-(2-chloroisopropyl) ether	625	2 ug/L	< 2 ug/L

Respectfully Submitted,


Pat Brueckner
Laboratory Director

5



PAT-CHEM LABORATORIES

Customer: **City of Simi Valley**
500 West Los Angeles Avenue
Simi Valley, CA 93095

Attention: Ms. Barbara Santos

Report Date: 2-15-00

P.O.#: 41127

Sample I.D.: 51248

Subject: Receiving Water Grab Sample

Sampling Data:

Sample Date:	2-2-00
Sampled By:	City of Simi Valley
S.V.I.D.#:	8034
Location:	W10

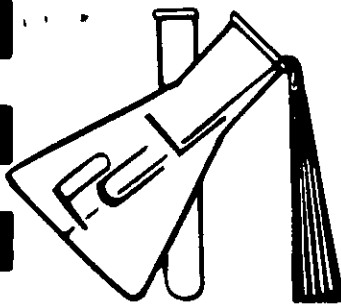
Results:

PARAMETER	EPA METHOD	DETECTION LIMIT	ANALYSIS
bis-(2-chloroethoxy) methane	625	5 ug/L	< 5 ug/L
Hexachlorobutadiene	625	5 ug/L	< 5 ug/L
Hexachlorocyclopentadiene	625	5 ug/L	< 5 ug/L
Isophorone	625	2 ug/L	< 2 ug/L
Naphthalene	625	2 ug/L	< 2 ug/L
Nitrobenzene	625	5 ug/L	< 5 ug/L
2-Nitrophenol	625	10 ug/L	< 10 ug/L
4-Nitrophenol	625	20 ug/L	< 20 ug/L
2,4-Dinitrophenol	625	20 ug/L	< 20 ug/L
4,6-Dinitro-o-cresol	625	20 ug/L	< 20 ug/L
n-Nitrosodimethylamine	625	5 ug/L	< 5 ug/L
n-Nitrosodiphenylamine	625	2 ug/L	< 2 ug/L
n-Nitrosodi-n-propylamine	625	2 ug/L	< 2 ug/L
Pentachlorophenol	625	20 ug/L	< 20 ug/L
Phenol	625	5 ug/L	< 5 ug/L
bis-(2-ethylhexyl) phthalate	625	2 ug/L	< 2 ug/L
Butyl benzyl phthalate	625	2 ug/L	< 2 ug/L
Di-n-butyl phthalate	625	2 ug/L	< 2 ug/L
Di-n-octyl phthalate	625	2 ug/L	< 2 ug/L
Diethyl phthalate	625	2 ug/L	< 2 ug/L
Dimethyl phthalate	625	2 ug/L	< 2 ug/L

Respectfully Submitted,

Pat Brueckner
Laboratory Director

6



PAT-CHEM LABORATORIES

Customer: **City of Simi Valley**
500 West Los Angeles Avenue
Simi Valley, CA 93095

Attention: Ms. Barbara Santos

Report Date: 2-15-00

P.O.#: 41127

Sample I.D.: 51248

Subject: Receiving Water Grab Sample

Sampling Data:

Sample Date:	2-2-00
Sampled By:	City of Simi Valley
S.V.I.D.#:	8034
Location:	W10

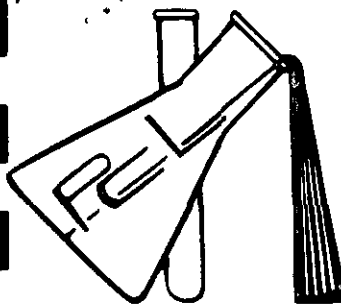
Results:

PARAMETER	EPA METHOD	DETECTION LIMIT	ANALYSIS
Benzo(a)anthracene	625	2 ug/L	< 2 ug/L
Benzo(a)pyrene	625	2 ug/L	< 2 ug/L
Benzo(b)fluoranthene	625	2 ug/L	< 2 ug/L
Benzo(k)fluoranthene	625	2 ug/L	< 2 ug/L
Chrysene	625	2 ug/L	< 2 ug/L
Acenaphthylene	625	2 ug/L	< 2 ug/L
Anthracene	625	2 ug/L	< 2 ug/L
Benzo(ghi)perylene	625	2 ug/L	< 2 ug/L
Benzo(a,h)anthracene	625	2 ug/L	< 2 ug/L
Ideno (1,2,3-cd)pyrene	625	2 ug/L	< 2 ug/L
Pyrene	625	2 ug/L	< 2 ug/L

Respectfully Submitted,

Pat Brueckner
Laboratory Director

ATTACHMENT 4
QA/OC REPORT



PAT-CHEM LABORATORIES

Customer: **City of Simi Valley**
500 West Los Angeles Avenue
Simi Valley, CA 93095

Attention: Ms. Barbara Santos

Report Date: 2-15-00 P.O.#: 41127

Sample I.D.: 51247

Subject: QA/QC Report -- Blank

Sampling Data:


Analysis Date:	2-3-00 to 2-11-00
S.V.I.D.#:	8032

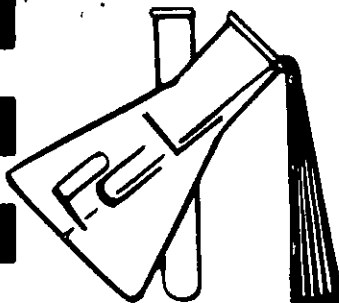
Results:

PARAMETER	EPA METHOD	DETECTION LIMIT	ANALYSIS
Antimony	200.7	0.2 mg/L	< 0.2 mg/L
Arsenic	200.7	0.2 mg/L	< 0.2 mg/L
Beryllium	200.7	0.04 mg/L	< 0.04 mg/L
Cadmium	200.7	0.04 mg/L	< 0.04 mg/L
Chromium	200.7	0.04 mg/L	< 0.04 mg/L
Copper	200.7	0.04 mg/L	< 0.04 mg/L
Lead	200.7	0.04 mg/L	< 0.04 mg/L
Mercury	245.1	2 ug/L	< 2 ug/L
Nickel	200.7	0.04 mg/L	< 0.04 mg/L
Silver	200.7	0.04 mg/L	< 0.04 mg/L
Selenium	200.7	0.2 mg/L	< 0.2 mg/L
Thallium	200.7	0.2 mg/L	< 0.2 mg/L
Zinc	200.7	0.04 mg/L	< 0.04 mg/L
T. Cyanide	335.2	0.5 mg/L	< 0.5 mg/L
Hex. Chromium	218.4	0.05 mg/L	< 0.05 mg/L

Comments: Sample was prepared per Section 200 of EPA-600/4-79-020 for metals analysis.

Respectfully Submitted,


Pat Brueckner
Laboratory Director



PAT-CHEM LABORATORIES

Customer: **City of Simi Valley**
500 West Los Angeles Avenue
Simi Valley, CA 93095

Attention: Ms. Barbara Santos

Report Date: 2-15-00

P.O.#: 41127

Sample I.D.: 51247

Subject: QA/QC Report -- Blank


Sampling Data:

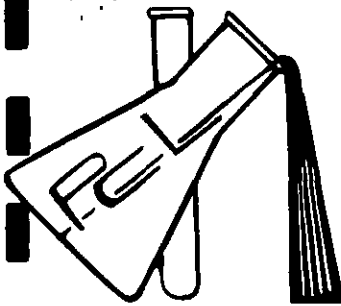
Analysis Date:	2-3-00 to 2-11-00
S.V.I.D.#:	8032

Results:
EPA Method 624

PARAMETER	DETECTION LIMIT	ANALYSIS
Chloromethane	10 ug/L	< 10 ug/L
Vinyl Chloride	10 ug/L	< 10 ug/L
Bromomethane	10 ug/L	< 10 ug/L
Chloroethane	10 ug/L	< 10 ug/L
Diichlorodifluoromethane	5 ug/L	< 5 ug/L
Trichlorofluoromethane	5 ug/L	< 5 ug/L
Acetone	50 ug/L	< 50 ug/L
1,1-Dichloroethene	5 ug/L	< 50 ug/L
Carbon Disulfide	50 ug/L	< 5 ug/L
Methylene Chloride	5 ug/L	< 5 ug/L
T-1,2-Dichloroethene	5 ug/L	< 5 ug/L
2,2-dichloropropane	5 ug/L	< 5 ug/L
1,1-Dichloroethane	5 ug/L	< 5 ug/L
Bromochloromethane	5 ug/L	< 5 ug/L
Vinyl Acetate	5 ug/L	< 5 ug/L
2-Butanone	50 ug/L	< 50 ug/L
Chlorform	5 ug/L	< 5 ug/L
1,2-Dichloroethane	5 ug/L	< 5 ug/L
1,1,1-Trichloroethane	5 ug/L	< 5 ug/L
Benzene	5 ug/L	< 5 ug/L
Carbon Tetrachloride	5 ug/L	< 5 ug/L
-1,1-Dichloropropene	5 ug/L	< 5 ug/L
1,2-Dichloropropane	5 ug/L	< 5 ug/L
Trichloroethene	5 ug/L	< 5 ug/L
Bromodichloromethane	5 ug/L	< 5 ug/L

Respectfully Submitted,


Pat Brueckner
Laboratory Director



PAT-CHEM LABORATORIES

Customer: **City of Simi Valley**
500 West Los Angeles Avenue
Simi Valley, CA 93095

Attention: Ms. Barbara Santos

Report Date: 2-15-00 P.O.#: 41127

Sample I.D.: 51247

Subject: QA/QC Report -- Blank

Sampling Data:

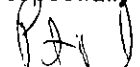
Analysis Date:	2-3-00 to 2-11-00
S.V.I.D.#:	8032

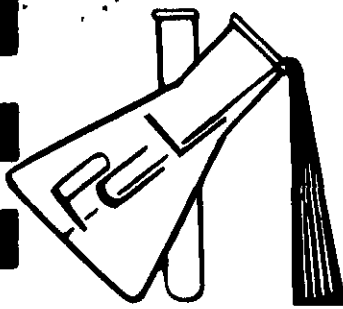
Results:

EPA Method 624

PARAMETER	DETECTION LIMIT	ANALYSIS
C-1,3-Dichloropropene	5 ug/L	< 5 ug/L
T-1,3-Dichloropropene	5 ug/L	< 5 ug/L
4-Methyl-2-Pentanone	50 ug/L	< 50 ug/L
1,3-Dichloropropane	5 ug/L	< 5 ug/L
1,1,2-Trichloroethane	5 ug/L	< 5 ug/L
Toluene	5 ug/L	< 5 ug/L
Dibromochloromethane	5 ug/L	< 5 ug/L
2-Hexanone	50 ug/L	< 50 ug/L
Tetrachloroethene	5 ug/L	< 5 ug/L
Chlorobenzene	5 ug/L	< 5 ug/L
Ethylbenzene	5 ug/L	< 5 ug/L
Bromoform	5 ug/L	< 5 ug/L
Styrene	5 ug/L	< 5 ug/L
Total Xylenes	5 ug/L	< 5 ug/L
1,1,2,2-Tetrachloroethane	5 ug/L	< 5 ug/L
1,3-Dichlorobenzene	5 ug/L	< 5 ug/L
1,4-Dichlorobenzene	5 ug/L	< 5 ug/L
1,2-Dichlorobenzene	5 ug/L	< 5 ug/L
1,2-Dichlorobenzene	5 ug/L	< 5 ug/L
1,2,3-Trichlorobenzene	5 ug/L	< 5 ug/L
n-butylbenzene	5 ug/L	< 5 ug/L
Acrolein	10 ug/L	< 10 ug/L
Acrylonitrile	10 ug/L	< 10 ug/L

Respectfully Submitted,


Pat Brueckner
Laboratory Director



PAT-CHEM LABORATORIES

Customer: **City of Simi Valley**
500 West Los Angeles Avenue
Simi Valley, CA 93095

Attention: Ms. Barbara Santos

Report Date: 2-15-00

P.O.#: 41127

Sample I.D.: 51247

Subject: QA/QC Report -- Blank

Sampling Data:

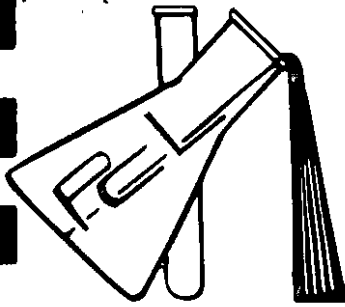
Analysis Date:	2-3-00 to 2-11-00
S.V.I.D.#:	8032

Results:

PARAMETER	EPA METHOD	DETECTION LIMIT	ANALYSIS
Acenaphthene	625	2 ug/L	< 2 ug/L
Benidine	625	5 ug/L	< 5 ug/L
1,2,4-Trichlorobenzene	625	2 ug/L	< 2 ug/L
Hexachlorobenzene	625	3 ug/L	< 3 ug/L
Hexachloroethane	625	2 ug/L	< 2 ug/L
bis-(2-chloroethyl) ether	625	3 ug/L	< 3 ug/L
2-Chloronaphthalene	625	2 ug/L	< 2 ug/L
2,4,6-Trichlorophenol	625	10 ug/L	< 10 ug/L
p-Chloro-m-cresol	625	10 ug/L	< 10 ug/L
2-Chlorophenol	625	10 ug/L	< 10 ug/L
3,3'-Dichlorobenzidine	625	10 ug/L	< 10 ug/L
2,4-Dichlorophenol	625	10 ug/L	< 10 ug/L
2,4-Dimethylphenol	625	5 ug/L	< 5 ug/L
2,4-Dinitrotoluene	625	2 ug/L	< 2 ug/L
2,6-Dinitrotoluene	625	2 ug/L	< 2 ug/L
1,2-Diphenylhydrazine	625	25 ug/L	< 25 ug/L
Fluoranthene	625	2 ug/L	< 2 ug/L
4-Chlorophenyl phenyl ether	625	2 ug/L	< 2 ug/L
4-Bromophenyl phenyl ether	625	2 ug/L	< 2 ug/L
bis-(2-chloroisopropyl) ether	625	2 ug/L	< 2 ug/L

Respectfully Submitted,


Pat Brueckner
Laboratory Director



PAT-CHEM LABORATORIES

Customer: **City of Simi Valley**
500 West Los Angeles Avenue
Simi Valley, CA 93095

Attention: Ms. Barbara Santos

Report Date: 2-15-00

P.O.#: 41127

Sample I.D.: 51247

Subject: QA/QC Report -- Blank


Sampling Data:

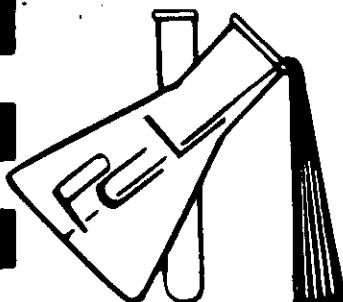
Analysis Date:	2-3-00 to 2-11-00
S.V.I.D.#:	8032

Results:

PARAMETER	EPA METHOD	DETECTION LIMIT	ANALYSIS
bis-(2-chloroethoxy) methane	625	5 ug/L	< 5 ug/L
Hexachlorobutadiene	625	5 ug/L	< 5 ug/L
Hexachlorocyclopentadiene	625	5 ug/L	< 5 ug/L
Isophorone	625	2 ug/L	< 2 ug/L
Naphthalene	625	2 ug/L	< 2 ug/L
Nitrobenzene	625	5 ug/L	< 5 ug/L
2-Nitrophenol	625	10 ug/L	< 10 ug/L
4-Nitrophenol	625	20 ug/L	< 20 ug/L
2,4-Dinitrophenol	625	20 ug/L	< 20 ug/L
4,6-Dinitro-o-cresol	625	20 ug/L	< 20 ug/L
n-Nitrosodimethylamine	625	5 ug/L	< 5 ug/L
n-Nitrosodiphenylamine	625	2 ug/L	< 2 ug/L
n-Nitrosodi-n-propylamine	625	2 ug/L	< 2 ug/L
Pentachlorophenol	625	20 ug/L	< 20 ug/L
Phenol	625	5 ug/L	< 5 ug/L
bis-(2-ethylhexyl) phthalate	625	2 ug/L	< 2 ug/L
Butyl benzyl phthalate	625	2 ug/L	< 2 ug/L
Di-n-butyl phthalate	625	2 ug/L	< 2 ug/L
Di-n-octyl phthalate	625	2 ug/L	< 2 ug/L
Diethyl phthalate	625	2 ug/L	< 2 ug/L
Dimethyl phthalate	625	2 ug/L	< 2 ug/L

Respectfully Submitted,


Pat Brueckner
Laboratory Director



PAT-CHEM LABORATORIES

Customer: **City of Simi Valley**
500 West Los Angeles Avenue
Simi Valley, CA 93095

Attention: Ms. Barbara Santos

Report Date: 2-15-00

P.O.#: 41127

Sample I.D.: 51247

Subject: QA/QC Report -- Blank

Sampling Data:

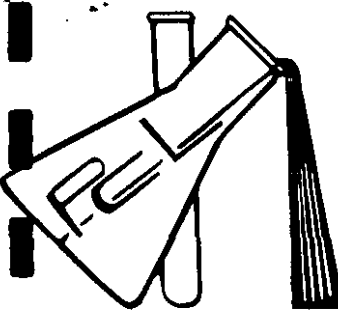
Analysis Date:	2-3-00 to 2-11-00
S.V.I.D.#:	8032

Results:

PARAMETER	EPA METHOD	DETECTION LIMIT	ANALYSIS
Benzo(a)anthracene	625	2 ug/L	< 2 ug/L
Benzo(a)pyrene	625	2 ug/L	< 2 ug/L
Benzo(b)fluoranthene	625	2 ug/L	< 2 ug/L
Benzo(k)fluoranthene	625	2 ug/L	< 2 ug/L
Chrysene	625	2 ug/L	< 2 ug/L
Acenaphthylene	625	2 ug/L	< 2 ug/L
Anthracene	625	2 ug/L	< 2 ug/L
Benzo(ghi)perylene	625	2 ug/L	< 2 ug/L
Penanthrene	625	2 ug/L	< 2 ug/L
Dibenzo(a,h)anthracene	625	2 ug/L	< 2 ug/L
Ideno (1,2,3-cd)pyrene	625	2 ug/L	< 2 ug/L
Pyrene	625	2 ug/L	< 2 ug/L
2,3,7,8-TCDD	625SIM	1 ug/L	< 1 ug/L
2,4-D	8150	5 ug/L	< 5 ug/L
2,,54-TP	8150	5 ug/L	< 5 ug/L

Respectfully Submitted,

Pat Brueckner
Laboratory Director



PAT-CHEM LABORATORIES

Customer: **City of Simi Valley**
 500 West Los Angeles Avenue
 Simi Valley, CA 93095

Attention: Ms. Barbara Santos

Report Date: 2-15-00 P.O.#: 41127

Sample I.D.: 51247

Subject: QA/QC Report -- Blank


Sampling Data:

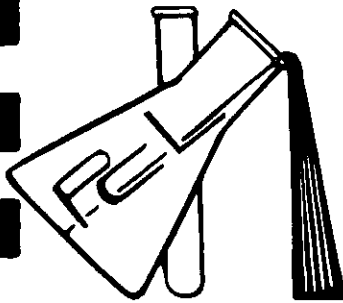
Analysis Date:	2-3-00 to 2-11-00
S.V.I.D.#:	8032

Results:

Parameter	EPA Method	Detection Limit	Analysis
PCB-1016	608	1.0 ug/L	< 1.0 ug/L
PCB-1221	608	1.0 ug/L	< 1.0 ug/L
PCB-1232	608	1.0 ug/L	< 1.0 ug/L
PCB-1242	608	1.0 ug/L	< 1.0 ug/L
PCB-1248	608	1.0 ug/L	< 1.0 ug/L
PCB-1254	608	1.0 ug/L	< 1.0 ug/L
PCB-1260	608	1.0 ug/L	< 1.0 ug/L
Alpha-BHC	608	0.01 ug/L	< 0.01 ug/L
Gamma-BHC (lindane)	608	0.01 ug/L	< 0.01 ug/L
Beta-BHC	608	0.03 ug/L	< 0.03 ug/L
Heptachlor	608	0.01 ug/L	< 0.01 ug/L
Delta-BHC	608	0.01 ug/L	< 0.01 ug/L
Aldrin	608	0.01 ug/L	< 0.01 ug/L
Heptachlor Epoxide	608	0.01 ug/L	< 0.01 ug/L
Endosulfan I	608	0.1 ug/L	< 0.1 ug/L
4,4'-DDE	608	0.01 ug/L	< 0.01 ug/L
Dieldrin	608	0.01 ug/L	< 0.01 ug/L
Endrin	608	0.05 ug/L	< 0.05 ug/L
4,4'-DDD	608	0.01 ug/L	< 0.01 ug/L
Endosulfan II	608	0.01 ug/L	< 0.01 ug/L
4,4'-DDT	608	0.01 ug/L	< 0.01 ug/L
Endrin Aldehyde	608	0.1 ug/L	< 0.1 ug/L
Endosulfan Sulfate	608	0.5 ug/L	< 0.5 ug/L
Methoxychlor	608	0.5 ug/L	< 0.5 ug/L
Toxaphene	608	1.0 ug/L	< 1.0 ug/L
Chlordane	608	1.0 ug/L	< 1.0 ug/L

Respectfully Submitted,


 Pat Brueckner
 Laboratory Director



PAT-CHEM LABORATORIES

Customer: **City of Simi Valley**
500 West Los Angeles Avenue
Simi Valley, CA 93095

Attention: Ms. Barbara Santos

Report Date: 2-22-99

P.O.#: 41127

Sample I.D.: 51248, 51250, 51251

Subject: QA/QC Report - Blank

Sampling Data:


Analysis Date:	2-3-00 to 2-1-00
S.V.I.D.#:	8034, 8035, 8036

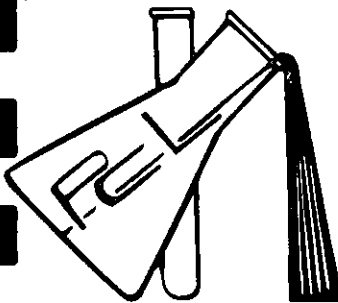
Results:

PARAMETER	EPA METHOD	DETECTION LIMIT	ANALYSIS
Arsenic	200.7	0.1 mg/L	< 0.1 mg/L
MBAS	425.1	0.05 mg/L	< 0.05 mg/L
Oil & Grease	413.1	5 mg/L	< 5 mg/L
TRPH	418.1	5 mg/L	< 5 mg/L

Comments: Sample was prepared per Section 200 of EPA-600/4-79-020 for metals analysis.

Respectfully Submitted,


Pat Brueckner
Laboratory Director



PAT-CHEM LABORATORIES

Customer: **City of Simi Valley**
500 West Los Angeles Avenue
Simi Valley, CA 93095

Attention: Ms. Barbara Santos

Report Date: 2-22-99 P.O.#: 41127

Sample I.D.: 51248, 51250, 51251

Subject: QA/QC Report - Blank

Sampling Data:


Analysis Date:	2-3-00 to 2-1-00
S.V.I.D.#:	8034, 8035, 8036

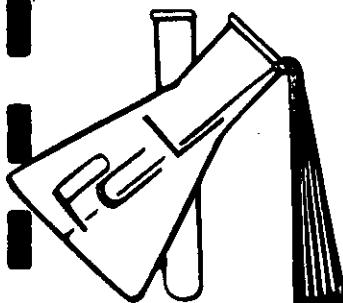
Results:

EPA Method 508

Parameter	Detection Limit	Analysis
Alpha-BHC	0.01 ug/L	< 0.01 ug/L
Gamma-BHC (lindane)	0.01 ug/L	< 0.01 ug/L
Beta-BHC	0.03 ug/L	< 0.03 ug/L
Heptachlor	0.01 ug/L	< 0.01 ug/L
Delta-BHC	0.01 ug/L	< 0.01 ug/L
Aldrin	0.01 ug/L	< 0.01 ug/L
Heptachlor Epoxide	0.01 ug/L	< 0.01 ug/L
Endosulfan I	0.1 ug/L	< 0.1 ug/L
4,4'-DDE	0.01 ug/L	< 0.01 ug/L
Dieldrin	0.01 ug/L	< 0.01 ug/L
Endrin	0.05 ug/L	< 0.05 ug/L
4,4'-DDD	0.01 ug/L	< 0.01 ug/L
Endosulfan II	0.01 ug/L	< 0.01 ug/L
4,4'-DDT	0.01 ug/L	< 0.01 ug/L
Endrin Aldehyde	0.1 ug/L	< 0.1 ug/L
Endosulfan Sulfate	0.5 ug/L	< 0.5 ug/L
Methoxychlor	0.5 ug/L	< 0.5 ug/L
Toxaphene	1.0 ug/L	< 1.0 ug/L
Chlordane	1.0 ug/L	< 1.0 ug/L

Respectfully Submitted,


Pat Brueckner
Laboratory Director



PAT-CHEM LABORATORIES

Customer: **City of Simi Valley**
500 West Los Angeles Avenue
Simi Valley, CA 93095

Attention: Ms. Barbara Santos

Report Date: 2-22-99 P.O.#: 41127

Sample I.D.: 51248, 51250, 51251

Subject: QA/QC Report - Blank

Sampling Data:

Analysis Date:	2-3-00 to 2-1-00
S.V.I.D.#:	8034, 8035, 8036

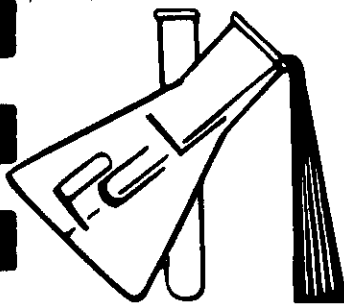
Results:

EPA Method 507

Parameter	Detection Limit	Analysis
Ametryne	0.04 ug/L	< 0.04 ug/L
Cycloate	0.04 ug/L	< 0.04 ug/L
Disulfoton	0.04 ug/L	< 0.04 ug/L
Phenamiphos	0.04 ug/L	< 0.04 ug/L
Prometon	0.04 ug/L	< 0.04 ug/L
Tributylphosphorotrithioite	0.04 ug/L	< 0.04 ug/L
Atrazine	0.04 ug/L	< 0.04 ug/L
Diphenamid	0.04 ug/L	< 0.04 ug/L
Prometryne	0.04 ug/L	< 0.04 ug/L
Propazine	0.04 ug/L	< 0.04 ug/L
Terbutryne	0.04 ug/L	< 0.04 ug/L
Triadimefon	0.04 ug/L	< 0.04 ug/L
Butachlor	0.04 ug/L	< 0.04 ug/L
Carboxin	0.04 ug/L	< 0.04 ug/L
Diazinon	0.04 ug/L	< 0.04 ug/L
Metolachlor	0.04 ug/L	< 0.04 ug/L
Metribuzin	0.04 ug/L	< 0.04 ug/L

Respectfully Submitted,

Pat Brueckner
Laboratory Director



PAT-CHEM LABORATORIES

Customer: **City of Simi Valley**
500 West Los Angeles Avenue
Simi Valley, CA 93095

Attention: Ms. Barbara Santos

Report Date: 2-22-99 P.O.#: 41127

Sample I.D.: 51248, 51250, 51251

Subject: QA/QC Report - Blank

Sampling Data:

Analysis Date:	2-3-00 to 2-1-00
S.V.I.D.#:	8034, 8035, 8036

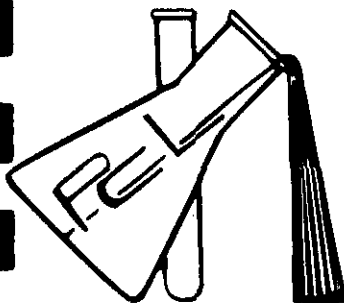
Results:

EPA Method 507

Parameter	Detection Limit	Analysis
MGK 264	0.04 ug/L	< 0.04 ug/L
Norflurazon	0.04 ug/L	< 0.04 ug/L
Terbufos	0.04 ug/L	< 0.04 ug/L
Vernolate	0.04 ug/L	< 0.04 ug/L
Alachlor	0.04 ug/L	< 0.04 ug/L
Atraton	0.04 ug/L	< 0.04 ug/L
Bromacil	0.04 ug/L	< 0.04 ug/L
Butylate	0.04 ug/L	< 0.04 ug/L
Chlorpropham	0.04 ug/L	< 0.04 ug/L
Molinate	0.04 ug/L	< 0.04 ug/L
Dichlorvos	0.04 ug/L	< 0.04 ug/L
Fenarimol	0.04 ug/L	< 0.04 ug/L
Tebuthiuron	0.04 ug/L	< 0.04 ug/L
Terbacil	0.04 ug/L	< 0.04 ug/L

Respectfully Submitted,


Pat Brueckner
Laboratory Director



PAT-CHEM LABORATORIES

Customer: **City of Simi Valley**
500 West Los Angeles Avenue
Simi Valley, CA 93095

Attention: Ms. Barbara Santos

Report Date: 2-22-99

P.O.#: 41127

Sample I.D.: 51248, 51250, 51251

Subject: QA/QC Report - Blank

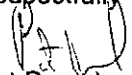
Sampling Data:

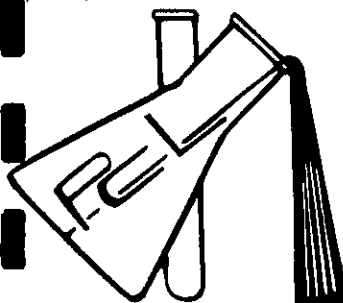
Analysis Date:	2-3-00 to 2-1-00
S.V.I.D.#:	8034, 8035, 8036

Results:

PARAMETER	EPA METHOD	DETECTION LIMIT	ANALYSIS
Acenaphthene	625	2 ug/L	< 2 ug/L
Benzidine	625	5 ug/L	< 5 ug/L
1,2,4-Trichlorobenzene	625	2 ug/L	< 2 ug/L
Hexachlorobenzene	625	3 ug/L	< 3 ug/L
Hexachloroethane	625	2 ug/L	< 2 ug/L
bis-(2-chloroethyl) ether	625	3 ug/L	< 3 ug/L
2-Chloronaphthalene	625	2 ug/L	< 2 ug/L
2,4,6-Trichlorophenol	625	10 ug/L	< 10 ug/L
p-Chloro-m-cresol	625	10 ug/L	< 10 ug/L
2-Chlorophenol	625	10 ug/L	< 10 ug/L
3,3'-Dichlorobenzidine	625	10 ug/L	< 10 ug/L
2,4-Dichlorophenol	625	10 ug/L	< 10 ug/L
2,4-Dimethylphenol	625	5 ug/L	< 5 ug/L
2,4-Dinitrotoluene	625	2 ug/L	< 2 ug/L
2,6-Dinitrotoluene	625	2 ug/L	< 2 ug/L
1,2-Diphenylhydrazine	625	25 ug/L	< 25 ug/L
Fluoranthene	625	2 ug/L	< 2 ug/L
4-Chlorophenyl phenyl ether	625	2 ug/L	< 2 ug/L
4-Bromophenyl phenyl ether	625	2 ug/L	< 2 ug/L
bis-(2-chloroisopropyl) ether	625	2 ug/L	< 2 ug/L

Respectfully Submitted,


Pat Brueckner
Laboratory Director



PAT-CHEM LABORATORIES

Customer: **City of Simi Valley**
500 West Los Angeles Avenue
Simi Valley, CA 93095

Attention: Ms. Barbara Santos

Report Date: 2-22-99 P.O.#: 41127

Sample I.D.: 51248, 51250, 51251

Subject: QA/QC Report - Blank

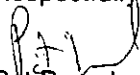
Sampling Data:

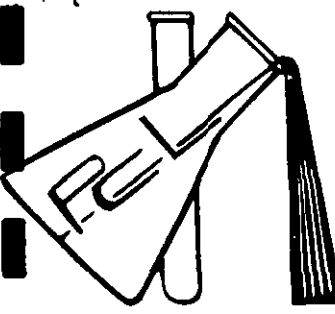
Analysis Date:	2-3-00 to 2-1-00
S.V.I.D.#:	8034, 8035, 8036

Results:

PARAMETER	EPA METHOD	DETECTION LIMIT	ANALYSIS
bis-(2-chloroethoxy) methane	625	5 ug/L	< 5 ug/L
Hexachlorobutadiene	625	5 ug/L	< 5 ug/L
Hexachlorocyclopentadiene	625	5 ug/L	< 5 ug/L
Isophorone	625	2 ug/L	< 2 ug/L
Naphthalene	625	2 ug/L	< 2 ug/L
Nitrobenzene	625	5 ug/L	< 5 ug/L
2-Nitrophenol	625	10 ug/L	< 10 ug/L
4-Nitrophenol	625	20 ug/L	< 20 ug/L
2,4-Dinitrophenol	625	20 ug/L	< 20 ug/L
4,6-Dinitro-o-cresol	625	20 ug/L	< 20 ug/L
n-Nitrosodimethylamine	625	5 ug/L	< 5 ug/L
n-Nitrosodiphenylamine	625	2 ug/L	< 2 ug/L
n-Nitrosodi-n-propylamine	625	2 ug/L	< 2 ug/L
Pentachlorophenol	625	20 ug/L	< 20 ug/L
Phenol	625	5 ug/L	< 5 ug/L
bis-(2-ethylhexyl) phthalate	625	2 ug/L	< 2 ug/L
Butyl benzyl phthalate	625	2 ug/L	< 2 ug/L
Di-n-butyl phthalate	625	2 ug/L	< 2 ug/L
Di-n-octyl phthalate	625	2 ug/L	< 2 ug/L
Diethyl phthalate	625	2 ug/L	< 2 ug/L
Dimethyl phthalate	625	2 ug/L	< 2 ug/L

Respectfully Submitted,


Pat Brueckner
Laboratory Director



PAT-CHEM LABORATORIES

Customer: **City of Simi Valley**
 500 West Los Angeles Avenue
 Simi Valley, CA 93095

Attention: Ms. Barbara Santos

Report Date: 2-22-99 P.O.#: 41127

Sample I.D.: 51248, 51250, 51251

Subject: QA/QC Report - Blank

Sampling Data:

Analysis Date:	2-3-00 to 2-1-00
S.V.I.D.#:	8034, 8035, 8036

Results:

PARAMETER	EPA METHOD	DETECTION LIMIT	ANALYSIS
Benzo(a)anthracene	625	2 ug/L	< 2 ug/L
Benzo(a)pyrene	625	2 ug/L	< 2 ug/L
Benzo(b)fluoranthene	625	2 ug/L	< 2 ug/L
Benzo(k)fluoranthene	625	2 ug/L	< 2 ug/L
Chrysene	625	2 ug/L	< 2 ug/L
Acenaphthylene	625	2 ug/L	< 2 ug/L
Anthracene	625	2 ug/L	< 2 ug/L
Benzo(ghi)perylene	625	2 ug/L	< 2 ug/L
Peranthrene	625	2 ug/L	< 2 ug/L
Dibenzo(a,h)anthracene	625	2 ug/L	< 2 ug/L
Ideno (1,2,3-cd)pyrene	625	2 ug/L	< 2 ug/L
Pyrene	625	2 ug/L	< 2 ug/L

Respectfully Submitted,


 Pat Brueckner
 Laboratory Director

RECEIVING WATER CONSTITUENTS FOR 2000

Semi-Annual Testing for
Arsenic, Cadmium, Chromium, Copper, Nickel, Lead,
Chlorinated Pesticides, N and P Pesticides, BNA,
Total Petroleum Hydrocarbon

Date: August 2, 2000

Constituents	*D.L. mg/L	W-12 mg/L	W-11 mg/L	W-10 mg/L
Arsenic	0.1	ND	ND	ND
Cadmium	0.02	ND	ND	ND
Chromium	0.02	ND	ND	ND
Copper	0.02	ND	ND	ND
Nickel	0.02	ND	ND	ND
Lead	0.02	ND	ND	ND
Zinc	0.02	ND	0.02	0.02
Chlorinated Pesticides		See Attachment 1	See Attachment 2	See Attachment 3
N & P Pesticides		See Attachment 1	See Attachment 2	See Attachment 3
BNA		See Attachment 1	See Attachment 2	See Attachment 3
Total Petroleum Hydrocarbon		See Attachment 1	See Attachment 2	See Attachment 3

*Detection Limit

ATTACHMENT 1
RECEIVING WATER RESULTS
W - 12



Del Mar Analytical

2852 Alton Ave., Irvine, CA 92606 (949) 261-1022 FAX (949) 261-1228
 1014 E. Cooley Dr., Suite A, Colton, CA 92324 (909) 370-4667 FAX (909) 370-1046
 16525 Sherman Way, Suite C-11, Van Nuys, CA 92406 (818) 779-1844 FAX (818) 779-1843
 9484 Chesapeake Dr., Suite 805, San Diego, CA 92123 (619) 505-9596 FAX (619) 505-9689
 9830 South 51st St., Suite B-120, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0851

City of Simi Valley
 2929 Tapo Canyon Road
 Simi Valley, CA 93063
 Attention: Barbara Santos

Client Project ID: Semi-annual
 44463
 Report Number: IJH0125

Sampled: 08/02/00-08/15/00
 Received: 08/02/00

Sample ID: W-12
 IJH0125-06

Matrix: Water
 Sampled: 08/02/00

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
TOTAL RECOVERABLE PETROLEUM HYDROCARBONS (EPA 418.1)								
			mg/l	mg/l				
Total Recoverable Hydrocarbons	EPA 418.1	I0H0720	1.0	ND	1	08/07/00	08/07/00	P
ACID & BASE/NEUTRALS BY GC/MS (EPA 625)								
			ug/l	ug/l				
Acenaphthene	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
Acenaphthylene	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
Aniline	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
Anthracene	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
Azobenzene	EPA 625	I0H0825	20	ND	1	08/08/00	08/11/00	
Benzidine	EPA 625	I0H0825	100	ND	1	08/08/00	08/11/00	
Benzoic acid	EPA 625	I0H0825	100	ND	1	08/08/00	08/11/00	
Benzo(a)anthracene	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
Benzo(b)fluoranthene	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
Benzo(k)fluoranthene	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
Benzo(g,h,i)perylene	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
Benzo(a)pyrene	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
Benzyl alcohol	EPA 625	I0H0825	20	ND	1	08/08/00	08/11/00	
Bis(2-chloroethoxy)methane	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
Bis(2-chloroethyl)ether	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
Bis(2-chloroisopropyl)ether	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
Bis(2-ethylhexyl)phthalate	EPA 625	I0H0825	50	ND	1	08/08/00	08/11/00	
4-Bromophenyl phenyl ether	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
Butyl benzyl phthalate	EPA 625	I0H0825	20	ND	1	08/08/00	08/11/00	
4-Chloroaniline	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
2-Chloronaphthalene	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
4-Chloro-3-methylphenol	EPA 625	I0H0825	20	ND	1	08/08/00	08/11/00	
2-Chlorophenol	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
4-Chlorophenyl phenyl ether	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
Chrysene	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
Dibenz(a,h)anthracene	EPA 625	I0H0825	20	ND	1	08/08/00	08/11/00	
Dibenzofuran	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
Di-n-butyl phthalate	EPA 625	I0H0825	20	ND	1	08/08/00	08/11/00	
1,3-Dichlorobenzene	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
1,4-Dichlorobenzene	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
1,2-Dichlorobenzene	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
3,3-Dichlorobenzidine	EPA 625	I0H0825	40	ND	1	08/08/00	08/11/00	
2,4-Dichlorophenol	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
Diethyl phthalate	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
2,4-Dimethylphenol	EPA 625	I0H0825	20	ND	1	08/08/00	08/11/00	

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager



Del Mar Analytical

2852 Alton Ave., Irvine, CA 92606 (949) 261-1022 FAX (949) 261-1225
 1014 E. Cooley Dr., Suite A, Colton, CA 92324 (909) 370-4667 FAX (909) 370-1046
 16525 Sherman Way, Suite C-11, Van Nuys, CA 92406 (818) 773-1844 FAX (818) 779-1843
 9484 Chesapeake Dr., Suite 805, San Diego, CA 92123 (619) 505-9596 FAX (619) 505-9669
 9830 South 51st St., Suite B-120, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0851

City of Simi Valley
 2929 Tapo Canyon Road
 Simi Valley, CA 93063
 Attention: Barbara Santos

Client Project ID: Semi-annual
 44463
 Report Number: IJH0125

Sampled: 08/02/00-08/15/00
 Received: 08/02/00

Sample ID: W-12
 IJH0125-06

Matrix: Water
 Sampled: 08/02/00

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
ACID & BASE/NEUTRALS BY GC/MS (EPA 625)								
			ug/l	ug/l				
Dimethyl phthalate	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
4,6-Dinitro-2-methylphenol	EPA 625	I0H0825	40	ND	1	08/08/00	08/11/00	
2,4-Dinitrophenol	EPA 625	I0H0825	100	ND	1	08/08/00	08/11/00	
2,4-Dinitrotoluene	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
2,6-Dinitrotoluene	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
Di-n-octyl phthalate	EPA 625	I0H0825	40	ND	1	08/08/00	08/11/00	
Fluoranthene	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
Fluorene	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
Hexachlorobenzene	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
Hexachlorobutadiene	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
Hexachlorocyclopentadiene	EPA 625	I0H0825	40	ND	1	08/08/00	08/11/00	
Hexachloroethane	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
Indeno(1,2,3-cd)pyrene	EPA 625	I0H0825	20	ND	1	08/08/00	08/11/00	
Isophorone	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
2-Methylnaphthalene	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
2-Methylphenol	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
4-Methylphenol	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
Naphthalene	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
2-Nitroaniline	EPA 625	I0H0825	20	ND	1	08/08/00	08/11/00	
3-Nitroaniline	EPA 625	I0H0825	20	ND	1	08/08/00	08/11/00	
4-Nitroaniline	EPA 625	I0H0825	100	ND	1	08/08/00	08/11/00	
Nitrobenzene	EPA 625	I0H0825	40	ND	1	08/08/00	08/11/00	
2-Nitrophenol	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
4-Nitrophenol	EPA 625	I0H0825	100	ND	1	08/08/00	08/11/00	
n-Nitrosodiphenylamine	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
n-Nitroso-di-n-propylamine	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
Pentachlorophenol	EPA 625	I0H0825	40	ND	1	08/08/00	08/11/00	
Phenanthrene	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
Phenol	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
Pyrene	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
1,2,4-Trichlorobenzene	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
2,4,5-Trichlorophenol	EPA 625	I0H0825	20	ND	1	08/08/00	08/11/00	
2,4,6-Trichlorophenol	EPA 625	I0H0825	20	ND	1	08/08/00	08/11/00	
Surrogate: 2-Fluorophenol (30-110%)				71.5 %				
Surrogate: Phenol-d6 (40-110%)				66.5 %				
Surrogate: 2,4,6-Tribromophenol (55-140%)				95.5 %				
Surrogate: Nitrobenzene-d5 (40-110%)				77.9 %				
Surrogate: 2-Fluorobiphenyl (40-120%)				77.6 %				
Surrogate: Terphenyl-d14 (55-160%)				119 %				

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical.



Del Mar Analytical

2852 Alton Ave., Irvine, CA 92606 (949) 261-1022 FAX (949) 261-1228
 1014 E. Cooley Dr., Suite A, Colton, CA 92324 (909) 370-4667 FAX (909) 370-1046
 16525 Sherman Way, Suite C-11, Van Nuys, CA 92406 (818) 779-1844 FAX (818) 779-1843
 9484 Chesapeake Dr., Suite 805, San Diego, CA 92123 (619) 505-9596 FAX (619) 505-9689
 9830 South 51st St., Suite B-120, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0851

City of Simi Valley
 929 Tapo Canyon Road
 Simi Valley, CA 93063
 Attention: Barbara Santos

Client Project ID: Semi-annual
 44463
 Report Number: IJH0125

Sampled: 08/02/00-08/15/00
 Received: 08/02/00

Sample ID: W-12
 IJH0125-06

Matrix: Water
 Sampled: 08/02/00

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
METALS								
Arsenic	EPA 6010B	IOH0435	mg/l 0.0050	mg/l ND	1	08/04/00	08/28/00	
INORGANICS								
Oil & Grease	EPA 413.1	IOH0914	mg/l 5.0	mg/l ND	1	08/09/00	08/09/00	P
Surfactants (MBAS)	SM5540-C	IOH0424	0.10	0.13	1	08/04/00	08/04/00	

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager



MONTGOMERY WATSON LABORATORIES

a Division of Montgomery Watson Americas, Inc.
555 East Walnut Street
Pasadena, California 91101
Tel: 626 568 6400 Fax: 626 568 6324
1 800 566 LABS (1 800 566 5227)

Laboratory
Data Report
#68654

Del Mar Analytical-Irvine
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
08/09/00	08/15/00	12:00	122435	(ML/EPA 508) PCB 1260 Aroclor	ND	% Rec	0.10	1
08/09/00	08/15/00	12:00	122435	(ML/EPA 508) Alpha-BHC	ND	ug/l	0.010	1
08/09/00	08/15/00	12:00	122435	(ML/EPA 508) Alachlor (Alanex)	ND	ug/l	0.050	1
08/09/00	08/15/00	12:00	122435	(ML/EPA 508) Aldrin	ND	ug/l	0.010	1
08/09/00	08/15/00	12:00	122435	(ML/EPA 508) Beta-BHC	ND	ug/l	0.010	1
08/09/00	08/15/00	12:00	122435	(ML/EPA 508) Chlordane	ND	ug/l	0.10	1
08/09/00	08/15/00	12:00	122435	(ML/EPA 508) Chlorthalonil (Draconil, Bravo)	ND	ug/l	0.010	1
08/09/00	08/15/00	12:00	122435	(ML/EPA 508) Delta-BHC	ND	ug/l	0.010	1
08/09/00	08/15/00	12:00	122435	(ML/EPA 508) p,p' DDD	ND	ug/l	0.010	1
08/09/00	08/15/00	12:00	122435	(ML/EPA 508) p,p' DDE	ND	ug/l	0.010	1
08/09/00	08/15/00	12:00	122435	(ML/EPA 508) p,p' DDT	ND	ug/l	0.010	1
08/09/00	08/15/00	12:00	122435	(ML/EPA 508) Dieldrin	ND	ug/l	0.010	1
08/09/00	08/15/00	12:00	122435	(ML/EPA 508) Endrin Aldehyde	ND	ug/l	0.010	1
08/09/00	08/15/00	12:00	122435	(ML/EPA 508) Endrin	ND	ug/l	0.010	1
08/09/00	08/15/00	12:00	122435	(ML/EPA 508) Endosulfan I (alpha)	ND	ug/l	0.010	1
08/09/00	08/15/00	12:00	122435	(ML/EPA 508) Endosulfan II (beta)	ND	ug/l	0.010	1
08/09/00	08/15/00	12:00	122435	(ML/EPA 508) Endosulfan sulfate	ND	ug/l	0.010	1
08/09/00	08/15/00	12:00	122435	(ML/EPA 508) Heptachlor	ND	ug/l	0.010	1
08/09/00	08/15/00	12:00	122435	(ML/EPA 508) Heptachlor Epoxide	ND	ug/l	0.010	1
08/09/00	08/15/00	12:00	122435	(ML/EPA 508) Lindane (gamma-BHC)	0.01	ug/l	0.010	1
08/09/00	08/15/00	12:00	122435	(ML/EPA 508) Methoxychlor	ND	ug/l	0.050	1
08/09/00	08/15/00	12:00	122435	(ML/EPA 508) Toxaphene	ND	ug/l	0.50	1
				(Surrogate) Dibutyl Chloroendate	80	% Rec		
				(Surrogate) Tetrachlorometaxylene	88	% Rec		

IJH0125-06 (2008050005) Sampled on 08/02/00 02:20

WJL

Pesticides; N/P; Short list

08/15/00	08/24/00	12:00	122448	(ML/EPA 507) Alachlor (Alanex)	ND	ug/l	0.20	1
08/15/00	08/24/00	12:00	122448	(ML/EPA 507) Atrazine	ND	ug/l	0.10	1
08/15/00	08/24/00	12:00	122448	(ML/EPA 507) Bromacil	ND	ug/l	2.2	1
08/15/00	08/24/00	12:00	122448	(ML/EPA 507) Cyanazine	ND	ug/l	0.50	1
08/15/00	08/24/00	12:00	122448	(ML/EPA 507) Diazinon	ND	ug/l	0.10	1
08/15/00	08/24/00	12:00	122448	(ML/EPA 507) Dimethoate (Cygon)	ND	ug/l	10	1
08/15/00	08/24/00	12:00	122448	(ML/EPA 507) Molinate	ND	ug/l	0.40	1
08/15/00	08/24/00	12:00	122448	(ML/EPA 507) Prometryn (Caparol)	ND	ug/l	0.50	1



MONTGOMERY WATSON LABORATORIES
 a Division of Montgomery Watson Americas, Inc.
 555 East Walnut Street
 Pasadena, California 91101
 Tel: 626 568 6400 Fax: 626 568 6324
 1 800 566 LABS (1 800 566 5227)

Laboratory
 Data Report
 #68654

Del Mar Analytical-Irvine
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
06/15/00	08/24/00 12:00	122448	(ML/EPA 507	) Simazine (Princep)	ND	ug/l	0.070	1
08/15/00	08/24/00 12:00	122448	(ML/EPA 507	) Thiobencarb (Bolero)	ND	ug/l	1.0	1
			(Surrogate	) 1,3-Dimethyl-2-nitrobenzene	101	% Rec		

SDWA Pesticides

08/09/00	08/15/00 12:00	122435	(ML/EPA 508	) PCB 1016 Aroclor	ND	ug/l	0.070	1
08/09/00	08/15/00 12:00	122435	(ML/EPA 508	) PCB 1221 Aroclor	ND	ug/l	0.10	1
08/09/00	08/15/00 12:00	122435	(ML/EPA 508	) PCB 1232 Aroclor	ND	ug/l	0.10	1
08/09/00	08/15/00 12:00	122435	(ML/EPA 508	) PCB 1242 Aroclor	ND	ug/l	0.10	1
08/09/00	08/15/00 12:00	122435	(ML/EPA 508	) PCB 1248 Aroclor	ND	ug/l	0.10	1
08/09/00	08/15/00 12:00	122435	(ML/EPA 508	) PCB 1254 Aroclor	ND	ug/l	0.10	1
08/09/00	08/15/00 12:00	122435	(ML/EPA 508	) PCB 1260 Aroclor	ND	% Rec	0.10	1
08/09/00	08/15/00 12:00	122435	(ML/EPA 508	) Alpha-BHC	ND	ug/l	0.010	1
08/09/00	08/15/00 12:00	122435	(ML/EPA 508	) Alachlor (Alanex)	ND	ug/l	0.050	1
08/09/00	08/15/00 12:00	122435	(ML/EPA 508	) Aldrin	ND	ug/l	0.010	1
08/09/00	08/15/00 12:00	122435	(ML/EPA 508	) Beta-BHC	ND	ug/l	0.010	1
08/09/00	08/15/00 12:00	122435	(ML/EPA 508	) Chlordane	ND	ug/l	0.10	1
08/09/00	08/15/00 12:00	122435	(ML/EPA 508	) Chlorthalonil (Draconil, Bravo)	ND	ug/l	0.010	1
08/09/00	08/15/00 12:00	122435	(ML/EPA 508	) Delta-BHC	ND	ug/l	0.010	1
08/09/00	08/15/00 12:00	122435	(ML/EPA 508	) p,p' DDD	ND	ug/l	0.010	1
08/09/00	08/15/00 12:00	122435	(ML/EPA 508	) p,p' DDE	ND	ug/l	0.010	1
08/09/00	08/15/00 12:00	122435	(ML/EPA 508	) p,p' DDT	ND	ug/l	0.010	1
08/09/00	08/15/00 12:00	122435	(ML/EPA 508	) Dieldrin	ND	ug/l	0.010	1
08/09/00	08/15/00 12:00	122435	(ML/EPA 508	) Endrin Aldehyde	ND	ug/l	0.010	1
08/09/00	08/15/00 12:00	122435	(ML/EPA 508	) Endrin	ND	ug/l	0.010	1
08/09/00	08/15/00 12:00	122435	(ML/EPA 508	) Endosulfan I (alpha)	ND	ug/l	0.010	1
08/09/00	08/15/00 12:00	122435	(ML/EPA 508	) Endosulfan II (beta)	ND	ug/l	0.010	1
08/09/00	08/15/00 12:00	122435	(ML/EPA 508	) Endosulfan sulfate	ND	ug/l	0.010	1
08/09/00	08/15/00 12:00	122435	(ML/EPA 508	) Heptachlor	ND	ug/l	0.010	1
08/09/00	08/15/00 12:00	122435	(ML/EPA 508	) Heptachlor Epoxide	ND	ug/l	0.010	1
08/09/00	08/15/00 12:00	122435	(ML/EPA 508	) Lindane (gamma-BHC)	ND	ug/l	0.010	1
08/09/00	08/15/00 12:00	122435	(ML/EPA 508	) Methoxychlor	ND	ug/l	0.050	1
08/09/00	08/15/00 12:00	122435	(ML/EPA 508	) Toxaphene	ND	ug/l	0.50	1
			(Surrogate	) Dibutyl Chlorendate	96	% Rec		
			(Surrogate	) Tetrachlorometaxylene	92	% Rec		

ATTACHMENT 2
RECEIVING WATER RESULTS
W - 11



Del Mar Analytical

2852 Alton Ave., Irvine, CA 92606 (949) 261-1022 FAX (949) 261-1222
 1014 E. Cooley Dr., Suite A, Colton, CA 92324 (909) 370-4667 FAX (909) 370-1036
 16525 Sherman Way, Suite C-11, Van Nuys, CA 92406 (818) 779-1844 FAX (818) 779-1643
 9484 Chesapeake Dr., Suite 805, San Diego, CA 92123 (619) 505-9596 FAX (619) 505-9689
 9830 South 51st St., Suite B-120, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0651

City of Simi Valley
 2929 Tapo Canyon Road
 Simi Valley, CA 93063
 Attention: Barbara Santos

Client Project ID: Semi-annual
 44463
 Report Number: IJH0125

Sampled: 08/02/00-08/15/00
 Received: 08/02/00

Sample ID: W-11
 IJH0125-05

Matrix: Water
 Sampled: 08/02/00

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
TOTAL RECOVERABLE PETROLEUM HYDROCARBONS (EPA 418.1)								
Total Recoverable Hydrocarbons	EPA 418.1	I0H0720	mg/l 1.0	mg/l ND	1	08/07/00	08/07/00	P
ACID & BASE/NEUTRALS BY GC/MS (EPA 625)								
			ug/l	ug/l				
Acenaphthene	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
Acenaphthylene	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
Aniline	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
Anthracene	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
Azobenzene	EPA 625	I0H0825	20	ND	1	08/08/00	08/11/00	
Benzidine	EPA 625	I0H0825	100	ND	1	08/08/00	08/11/00	
Benzoic acid	EPA 625	I0H0825	100	ND	1	08/08/00	08/11/00	
Benzo(a)anthracene	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
Benzo(b)fluoranthene	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
Benzo(k)fluoranthene	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
Benzo(g,h,i)perylene	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
Benzo(a)pyrene	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
Benzyl alcohol	EPA 625	I0H0825	20	ND	1	08/08/00	08/11/00	
Bis(2-chloroethoxy)methane	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
Bis(2-chloroethyl)ether	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
Bis(2-chloroisopropyl)ether	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
Bis(2-ethylhexyl)phthalate	EPA 625	I0H0825	50	ND	1	08/08/00	08/11/00	
4-Bromophenyl phenyl ether	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
Butyl benzyl phthalate	EPA 625	I0H0825	20	ND	1	08/08/00	08/11/00	
4-Chloroaniline	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
2-Chloronaphthalene	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
4-Chloro-3-methylphenol	EPA 625	I0H0825	20	ND	1	08/08/00	08/11/00	
2-Chlorophenol	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
4-Chlorophenyl phenyl ether	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
Chrysene	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
Dibenz(a,h)anthracene	EPA 625	I0H0825	20	ND	1	08/08/00	08/11/00	
Dibenzofuran	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
Di-n-butyl phthalate	EPA 625	I0H0825	20	ND	1	08/08/00	08/11/00	
1,3-Dichlorobenzene	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
1,4-Dichlorobenzene	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
1,2-Dichlorobenzene	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
3,3-Dichlorobenzidine	EPA 625	I0H0825	40	ND	1	08/08/00	08/11/00	
2,4-Dichlorophenol	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
Diethyl phthalate	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
2,4-Dimethylphenol	EPA 625	I0H0825	20	ND	1	08/08/00	08/11/00	

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

City of Simi Valley
 929 Tapo Canyon Road
 Simi Valley, CA 93063
 Attention: Barbara Santos

Client Project ID: Semi-annual
 44463
 Report Number: IJH0125

Sampled: 08/02/00-08/15/00
 Received: 08/02/00

Sample ID: W-11
 IJH0125-05

Matrix: Water
 Sampled: 08/02/00

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
ACID & BASE/NEUTRALS BY GC/MS (EPA 625)								
			ug/l	ug/l				
Dimethyl phthalate	EPA 625	IOH0825	10	ND	1	08/08/00	08/11/00	
4,6-Dinitro-2-methylphenol	EPA 625	IOH0825	40	ND	1	08/08/00	08/11/00	
2,4-Dinitrophenol	EPA 625	IOH0825	100	ND	1	08/08/00	08/11/00	
2,4-Dinitrotoluene	EPA 625	IOH0825	10	ND	1	08/08/00	08/11/00	
2,6-Dinitrotoluene	EPA 625	IOH0825	10	ND	1	08/08/00	08/11/00	
Di-n-octyl phthalate	EPA 625	IOH0825	40	ND	1	08/08/00	08/11/00	
Fluoranthene	EPA 625	IOH0825	10	ND	1	08/08/00	08/11/00	
Fluorene	EPA 625	IOH0825	10	ND	1	08/08/00	08/11/00	
Hexachlorobenzene	EPA 625	IOH0825	10	ND	1	08/08/00	08/11/00	
Hexachlorobutadiene	EPA 625	IOH0825	10	ND	1	08/08/00	08/11/00	
Hexachlorocyclopentadiene	EPA 625	IOH0825	40	ND	1	08/08/00	08/11/00	
Hexachloroethane	EPA 625	IOH0825	10	ND	1	08/08/00	08/11/00	
Indeno(1,2,3-cd)pyrene	EPA 625	IOH0825	20	ND	1	08/08/00	08/11/00	
Isophorone	EPA 625	IOH0825	10	ND	1	08/08/00	08/11/00	
2-Methylnaphthalene	EPA 625	IOH0825	10	ND	1	08/08/00	08/11/00	
2-Methylphenol	EPA 625	IOH0825	10	ND	1	08/08/00	08/11/00	
4-Methylphenol	EPA 625	IOH0825	10	ND	1	08/08/00	08/11/00	
Naphthalene	EPA 625	IOH0825	10	ND	1	08/08/00	08/11/00	
2-Nitroaniline	EPA 625	IOH0825	20	ND	1	08/08/00	08/11/00	
3-Nitroaniline	EPA 625	IOH0825	20	ND	1	08/08/00	08/11/00	
4-Nitroaniline	EPA 625	IOH0825	100	ND	1	08/08/00	08/11/00	
Nitrobenzene	EPA 625	IOH0825	40	ND	1	08/08/00	08/11/00	
2-Nitrophenol	EPA 625	IOH0825	10	ND	1	08/08/00	08/11/00	
4-Nitrophenol	EPA 625	IOH0825	100	ND	1	08/08/00	08/11/00	
n-Nitrosodiphenylamine	EPA 625	IOH0825	10	ND	1	08/08/00	08/11/00	
n-Nitroso-di-n-propylamine	EPA 625	IOH0825	10	ND	1	08/08/00	08/11/00	
Pentachlorophenol	EPA 625	IOH0825	40	ND	1	08/08/00	08/11/00	
Phenanthrene	EPA 625	IOH0825	10	ND	1	08/08/00	08/11/00	
Phenol	EPA 625	IOH0825	10	ND	1	08/08/00	08/11/00	
Pyrene	EPA 625	IOH0825	10	ND	1	08/08/00	08/11/00	
1,2,4-Trichlorobenzene	EPA 625	IOH0825	10	ND	1	08/08/00	08/11/00	
2,4,5-Trichlorophenol	EPA 625	IOH0825	20	ND	1	08/08/00	08/11/00	
2,4,6-Trichlorophenol	EPA 625	IOH0825	20	ND	1	08/08/00	08/11/00	

Surrogate: 2-Fluorophenol (30-110%) 61.5 %
 Surrogate: Phenol-d6 (40-110%) 59.0 %
 Surrogate: 2,4,6-Tribromophenol (55-140%) 87.0 %
 Surrogate: Nitrobenzene-d5 (40-110%) 70.8 %
 Surrogate: 2-Fluorobiphenyl (40-120%) 64.9 %
 Surrogate: Terphenyl-d14 (55-160%) 104 %

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager



Del Mar Analytical

2852 Alton Ave., Irvine, CA 92606 (949) 261-1022 FAX (949) 261-12
 1014 E. Cooley Dr., Suite A, Colton, CA 92324 (909) 370-4667 FAX (909) 370-10
 16525 Sherman Way, Suite C-11, Van Nuys, CA 92406 (818) 779-1844 FAX (818) 779-18
 9484 Chesapeake Dr., Suite 805, San Diego, CA 92123 (619) 505-9596 FAX (619) 505-96
 9830 South 51st St., Suite B-120, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-08

City of Simi Valley
 2929 Tapo Canyon Road
 Simi Valley, CA 93063
 Attention: Barbara Santos

Client Project ID: Semi-annual
 44463
 Report Number: IJH0125

Sampled: 08/02/00-08/15/00
 Received: 08/02/00

Sample ID: W-11
 IJH0125-05

Matrix: Water
 Sampled: 08/02/00

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
METALS								
Arsenic	EPA 6010B	I0H0435	0.0050 mg/l	ND mg/l	1	08/04/00	08/28/00	
INORGANICS								
Oil & Grease	EPA 413.1	I0H0914	5.0 mg/l	ND mg/l	1	08/09/00	08/09/00	P
Surfactants (MBAS)	SM5540-C	I0H0424	0.10 mg/l	0.11 mg/l	1	08/04/00	08/04/00	

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager



MONTGOMERY WATSON LABORATORIES
 a Division of Montgomery Watson Americas, Inc.
 555 East Walnut Street
 Pasadena, California 91101
 Tel: 826 568 6400 Fax: 826 568 6324
 1 800 566 LABS (1 800 566 5227)

Laboratory
 Data Report
 #68654

Del Mar Analytical-Irvine
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
08/09/00	08/15/00	12:00	122435	(ML/EPA 508) PCB 1260 Aroclor	ND	% Rec	0.10	1
08/09/00	08/15/00	12:00	122435	(ML/EPA 508) Alpha-BHC	ND	ug/l	0.010	1
08/09/00	08/15/00	12:00	122435	(ML/EPA 508) Alachlor (Alanex)	ND	ug/l	0.050	1
08/09/00	08/15/00	12:00	122435	(ML/EPA 508) Aldrin	ND	ug/l	0.010	1
08/09/00	08/15/00	12:00	122435	(ML/EPA 508) Beta-BHC	ND	ug/l	0.010	1
08/09/00	08/15/00	12:00	122435	(ML/EPA 508) Chlordane	ND	ug/l	0.10	1
08/09/00	08/15/00	12:00	122435	(ML/EPA 508) Chlorthalonil (Draconil, Bravo)	ND	ug/l	0.010	1
08/09/00	08/15/00	12:00	122435	(ML/EPA 508) Delta-BHC	ND	ug/l	0.010	1
08/09/00	08/15/00	12:00	122435	(ML/EPA 508) p,p' DDD	ND	ug/l	0.010	1
08/09/00	08/15/00	12:00	122435	(ML/EPA 508) p,p' DDE	ND	ug/l	0.010	1
08/09/00	08/15/00	12:00	122435	(ML/EPA 508) p,p' DDT	ND	ug/l	0.010	1
08/09/00	08/15/00	12:00	122435	(ML/EPA 508) Dieldrin	ND	ug/l	0.010	1
08/09/00	08/15/00	12:00	122435	(ML/EPA 508) Endrin Aldehyde	ND	ug/l	0.010	1
08/09/00	08/15/00	12:00	122435	(ML/EPA 508) Endrin	ND	ug/l	0.010	1
08/09/00	08/15/00	12:00	122435	(ML/EPA 508) Endosulfan I (alpha)	ND	ug/l	0.010	1
08/09/00	08/15/00	12:00	122435	(ML/EPA 508) Endosulfan II (beta)	ND	ug/l	0.010	1
08/09/00	08/15/00	12:00	122435	(ML/EPA 508) Endosulfan sulfate	ND	ug/l	0.010	1
08/09/00	08/15/00	12:00	122435	(ML/EPA 508) Heptachlor	ND	ug/l	0.010	1
08/09/00	08/15/00	12:00	122435	(ML/EPA 508) Heptachlor Epoxide	ND	ug/l	0.010	1
08/09/00	08/15/00	12:00	122435	(ML/EPA 508) Lindane (gamma-BHC)	0.01	ug/l	0.010	1
08/09/00	08/15/00	12:00	122435	(ML/EPA 508) Methoxychlor	ND	ug/l	0.050	1
08/09/00	08/15/00	12:00	122435	(ML/EPA 508) Toxaphene	ND	ug/l	0.50	1
				(Surrogate) Dibutyl Chlorodate	80	% Rec		
				(Surrogate) Tetrachlorometaxylene	88	% Rec		

IJH0125-06 (2008050005) Sampled on 08/02/00 02:20

WJL

Pesticides; N/P; Short list

08/15/00	08/24/00	12:00	122448	(ML/EPA 507) Alachlor (Alanex)	ND	ug/l	0.20	1
08/15/00	08/24/00	12:00	122448	(ML/EPA 507) Atrazine	ND	ug/l	0.10	1
08/15/00	08/24/00	12:00	122448	(ML/EPA 507) Bromacil	ND	ug/l	2.2	1
08/15/00	08/24/00	12:00	122448	(ML/EPA 507) Cyanazine	ND	ug/l	0.50	1
08/15/00	08/24/00	12:00	122448	(ML/EPA 507) Diazinon	ND	ug/l	0.10	1
08/15/00	08/24/00	12:00	122448	(ML/EPA 507) Dimethoate (Cygon)	ND	ug/l	10	1
08/15/00	08/24/00	12:00	122448	(ML/EPA 507) Molinate	ND	ug/l	0.40	1
08/15/00	08/24/00	12:00	122448	(ML/EPA 507) Prometryn (Caparol)	ND	ug/l	0.50	1



MONTGOMERY WATSON LABORATORIES

a Division of Montgomery Watson Americas, Inc.
555 East Walnut Street
Pasadena, California 91101
Tel: 626 568 6400 Fax: 626 568 6324
1 800 566 LABS (1 800 566 5227)

Laboratory
Data Report
#68654

Del Mar Analytical-Irvine
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
08/09/00	08/15/00	12:00	122435	(ML/EPA 508) Dieldrin	ND	ug/l	0.010	1
08/09/00	08/15/00	12:00	122435	(ML/EPA 508) Endrin Aldehyde	ND	ug/l	0.010	1
08/09/00	08/15/00	12:00	122435	(ML/EPA 508) Endrin	ND	ug/l	0.010	1
08/09/00	08/15/00	12:00	122435	(ML/EPA 508) Endosulfan I (alpha)	ND	ug/l	0.010	1
08/09/00	08/15/00	12:00	122435	(ML/EPA 508) Endosulfan II (beta)	ND	ug/l	0.010	1
08/09/00	08/15/00	12:00	122435	(ML/EPA 508) Endosulfan sulfate	ND	ug/l	0.010	1
08/09/00	08/15/00	12:00	122435	(ML/EPA 508) Heptachlor	ND	ug/l	0.010	1
08/09/00	08/15/00	12:00	122435	(ML/EPA 508) Heptachlor Epoxide	ND	ug/l	0.010	1
08/09/00	08/15/00	12:00	122435	(ML/EPA 508) Lindane (gamma-BHC)	ND	ug/l	0.010	1
08/09/00	08/15/00	12:00	122435	(ML/EPA 508) Methoxychlor	ND	ug/l	0.050	1
08/09/00	08/15/00	12:00	122435	(ML/EPA 508) Toxaphene	ND	ug/l	0.50	1
				(Surrogate) Dibutyl Chlorendate	48	% Rec		
				(Surrogate) Tetrachlorometaxylene	88	% Rec		

IJH0125-05 (2008050004) Sampled on 08/02/00 02:20

W 11

Pesticides; N/P; Short list

08/15/00	08/24/00	12:00	122448	(ML/EPA 507) Alachlor (Alanex)	ND	ug/l	0.20	1
08/15/00	08/24/00	12:00	122448	(ML/EPA 507) Atrazine	ND	ug/l	0.10	1
08/15/00	08/24/00	12:00	122448	(ML/EPA 507) Bromacil	ND	ug/l	2.2	1
08/15/00	08/24/00	12:00	122448	(ML/EPA 507) Cyanazine	ND	ug/l	0.50	1
08/15/00	08/24/00	12:00	122448	(ML/EPA 507) Diazinon	ND	ug/l	0.10	1
08/15/00	08/24/00	12:00	122448	(ML/EPA 507) Dimethoate (Cygon)	ND	ug/l	10	1
08/15/00	08/24/00	12:00	122448	(ML/EPA 507) Molinate	ND	ug/l	0.40	1
08/15/00	08/24/00	12:00	122448	(ML/EPA 507) Prometryn (Caparol)	ND	ug/l	0.50	1
08/15/00	08/24/00	12:00	122448	(ML/EPA 507) Simazine (Princep)	ND	ug/l	0.070	1
08/15/00	08/24/00	12:00	122448	(ML/EPA 507) Thiobencarb (Bolero)	ND	ug/l	1.0	1
				(Surrogate) 1,3-Dimethyl-2-nitrobenzene	98	% Rec		

SDWA Pesticides

08/09/00	08/15/00	12:00	122435	(ML/EPA 508) PCB 1016 Aroclor	ND	ug/l	0.070	1
08/09/00	08/15/00	12:00	122435	(ML/EPA 508) PCB 1221 Aroclor	ND	ug/l	0.10	1
08/09/00	08/15/00	12:00	122435	(ML/EPA 508) PCB 1232 Aroclor	ND	ug/l	0.10	1
08/09/00	08/15/00	12:00	122435	(ML/EPA 508) PCB 1242 Aroclor	ND	ug/l	0.10	1
08/09/00	08/15/00	12:00	122435	(ML/EPA 508) PCB 1248 Aroclor	ND	ug/l	0.10	1
08/09/00	08/15/00	12:00	122435	(ML/EPA 508) PCB 1254 Aroclor	ND	ug/l	0.10	1

ATTACHMENT 3
RECEIVING WATER RESULTS
W - 10



Del Mar Analytical

2852 Alton Ave., Irvine, CA 92606 (949) 261-1022 FAX (949) 261-1212
 1014 E. Cooley Dr., Suite A, Colton, CA 92324 (909) 370-4667 FAX (909) 370-1010
 16525 Sherman Way, Suite C-11, Van Nuys, CA 92406 (818) 779-1844 FAX (818) 779-1844
 9484 Chesapeake Dr., Suite 805, San Diego, CA 92123 (619) 505-9596 FAX (619) 505-9596
 9830 South 51st St., Suite B-120, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0843

City of Simi Valley
 2929 Tapo Canyon Road
 Simi Valley, CA 93063
 Attention: Barbara Santos

Client Project ID: Semi-annual
 44463
 Report Number: IJH0125

Sampled: 08/02/00-08/15/00
 Received: 08/02/00

Sample ID: W-10
 IJH0125-04

Matrix: Water
 Sampled: 08/02/00

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
---------	--------	-------	-----------------	---------------	-----------------	----------------	---------------	-----------------

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS (EPA 418.1)

Total Recoverable Hydrocarbons	EPA 418.1	I0H0720	mg/l 1.0	mg/l ND	1	08/07/00	08/07/00	P
--------------------------------	-----------	---------	-------------	------------	---	----------	----------	---

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Acenaphthene	EPA 625	I0H0825	ug/l 10	ug/l ND	1	08/08/00	08/11/00	
Acenaphthylene	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
Aniline	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
Anthracene	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
Azobenzene	EPA 625	I0H0825	20	ND	1	08/08/00	08/11/00	
Benzidine	EPA 625	I0H0825	100	ND	1	08/08/00	08/11/00	
Benzoic acid	EPA 625	I0H0825	100	ND	1	08/08/00	08/11/00	
Benzo(a)anthracene	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
Benzo(b)fluoranthene	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
Benzo(k)fluoranthene	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
Benzo(g,h,i)perylene	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
Benzo(a)pyrene	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
Benzyl alcohol	EPA 625	I0H0825	20	ND	1	08/08/00	08/11/00	
Bis(2-chloroethoxy)methane	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
Bis(2-chloroethyl)ether	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
Bis(2-chloroisopropyl)ether	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
Bis(2-ethylhexyl)phthalate	EPA 625	I0H0825	50	ND	1	08/08/00	08/11/00	
4-Bromophenyl phenyl ether	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
Butyl benzyl phthalate	EPA 625	I0H0825	20	ND	1	08/08/00	08/11/00	
4-Chloroaniline	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
2-Chloronaphthalene	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
4-Chloro-3-methylphenol	EPA 625	I0H0825	20	ND	1	08/08/00	08/11/00	
2-Chlorophenol	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
4-Chlorophenyl phenyl ether	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
Chrysene	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
Dibenz(a,h)anthracene	EPA 625	I0H0825	20	ND	1	08/08/00	08/11/00	
Dibenzofuran	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
Di-n-butyl phthalate	EPA 625	I0H0825	20	ND	1	08/08/00	08/11/00	
1,3-Dichlorobenzene	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
1,4-Dichlorobenzene	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
1,2-Dichlorobenzene	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
3,3-Dichlorobenzidine	EPA 625	I0H0825	40	ND	1	08/08/00	08/11/00	
2,4-Dichlorophenol	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
Diethyl phthalate	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
2,4-Dimethylphenol	EPA 625	I0H0825	20	ND	1	08/08/00	08/11/00	

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager



Del Mar Analytical

2852 Alton Ave., Irvine, CA 92606 (949) 261-1022 FAX (949) 261-12
 1014 E. Cooley Dr., Suite A, Colton, CA 92324 (909) 370-4667 FAX (909) 370-10
 16525 Sherman Way, Suite C-11, Van Nuys, CA 92406 (818) 779-1844 FAX (818) 779-1E
 9484 Chesapeake Dr., Suite 805, San Diego, CA 92123 (619) 505-9596 FAX (619) 505-9E
 9830 South 51st St., Suite B-120, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0E

City of Simi Valley
 2929 Tapo Canyon Road
 Simi Valley, CA 93063
 Attention: Barbara Santos

Client Project ID: Semi-annual
 44463
 Report Number: IJH0125

Sampled: 08/02/00-08/15/00
 Received: 08/02/00

Sample ID: W-10
 IJH0125-04

Matrix: Water
 Sampled: 08/02/00

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
ACID & BASE/NEUTRALS BY GC/MS (EPA 625)								
			ug/l	ug/l				
Dimethyl phthalate	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
4,6-Dinitro-2-methylphenol	EPA 625	I0H0825	40	ND	1	08/08/00	08/11/00	
2,4-Dinitrophenol	EPA 625	I0H0825	100	ND	1	08/08/00	08/11/00	
2,4-Dinitrotoluene	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
2,6-Dinitrotoluene	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
Di-n-octyl phthalate	EPA 625	I0H0825	40	ND	1	08/08/00	08/11/00	
Fluoranthene	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
Fluorene	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
Hexachlorobenzene	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
Hexachlorobutadiene	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
Hexachlorocyclopentadiene	EPA 625	I0H0825	40	ND	1	08/08/00	08/11/00	
Hexachloroethane	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
Indeno(1,2,3-cd)pyrene	EPA 625	I0H0825	20	ND	1	08/08/00	08/11/00	
Isophorone	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
2-Methylnaphthalene	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
2-Methylphenol	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
4-Methylphenol	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
Naphthalene	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
2-Nitroaniline	EPA 625	I0H0825	20	ND	1	08/08/00	08/11/00	
3-Nitroaniline	EPA 625	I0H0825	20	ND	1	08/08/00	08/11/00	
4-Nitroaniline	EPA 625	I0H0825	100	ND	1	08/08/00	08/11/00	
Nitrobenzene	EPA 625	I0H0825	40	ND	1	08/08/00	08/11/00	
2-Nitrophenol	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
4-Nitrophenol	EPA 625	I0H0825	100	ND	1	08/08/00	08/11/00	
n-Nitrosodiphenylamine	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
n-Nitroso-di-n-propylamine	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
Pentachlorophenol	EPA 625	I0H0825	40	ND	1	08/08/00	08/11/00	
Phenanthrene	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
Phenol	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
Pyrene	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
1,2,4-Trichlorobenzene	EPA 625	I0H0825	10	ND	1	08/08/00	08/11/00	
2,4,5-Trichlorophenol	EPA 625	I0H0825	20	ND	1	08/08/00	08/11/00	
2,4,6-Trichlorophenol	EPA 625	I0H0825	20	ND	1	08/08/00	08/11/00	
Surrogate: 2-Fluorophenol (30-110%)				67.5 %				
Surrogate: Phenol-d6 (40-110%)				66.5 %				
Surrogate: 2,4,6-Tribromophenol (55-140%)				95.5 %				
Surrogate: Nitrobenzene-d5 (40-110%)				80.6 %				
Surrogate: 2-Fluorobiphenyl (40-120%)				79.0 %				
Surrogate: Terphenyl-d14 (55-160%)				105 %				

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

Del Mar Analytical

2852 Alton Ave., Irvine, CA 92606 (949) 261-1022 FAX (949) 251-1228
 1014 E. Cooley Dr., Suite A, Colton, CA 92324 (909) 370-4667 FAX (909) 370-1046
 16525 Sherman Way, Suite C-11, Van Nuys, CA 92406 (818) 779-1844 FAX (818) 779-1843
 9484 Chesapeake Dr., Suite 805, San Diego, CA 92123 (619) 505-9596 FAX (619) 505-9689
 9830 South 51st St., Suite B-120, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0851

City of Simi Valley 929 Tapo Canyon Road Simi Valley, CA 93063 Attention: Barbara Santos	Client Project ID: Semi-annual 44463 Report Number: IJH0125	Sampled: 08/02/00-08/15/00 Received: 08/02/00
---	---	--

Sample ID: W-10
IJH0125-04

Matrix: Water
Sampled: 08/02/00

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
METALS								
Arsenic	EPA 6010B	I0H0435	mg/l 0.0050	mg/l ND	1	08/04/00	08/28/00	
INORGANICS								
Oil & Grease	EPA 413.1	I0H0914	mg/l 5.0	mg/l ND	1	08/09/00	08/09/00	P
Surfactants (MBAS)	SM5540-C	I0H0424	0.10	ND	1	08/04/00	08/04/00	

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager



MONTGOMERY WATSON LABORATORIES

a Division of Montgomery Watson Americas, Inc.
555 East Walnut Street
Pasadena, California 91101
Tel: 626 568 6400 Fax: 626 568 6324
1 800 566 LABS (1 800 566 5227)

Laboratory
Data Report
#68654

Del Mar Analytical-Irvine
Michele Harper
2852 Alton Ave.
Irvine , CA 92714

Samples Received
08/05/00

Prepared Analyzed QC Batch# Method Analyte Result Units MRL Dilution

IJH0125-04 (2008050003) Sampled on 08/02/00 02:20

WU

Pesticides; N/P; Short list

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
08/15/00	08/24/00	12:00	122448	(ML/EPA 507) Alachlor (Alanex)	ND	ug/l	0.20	1
08/15/00	08/24/00	12:00	122448	(ML/EPA 507) Atrazine	ND	ug/l	0.10	1
08/15/00	08/24/00	12:00	122448	(ML/EPA 507) Bromacil	ND	ug/l	2.2	1
08/15/00	08/24/00	12:00	122448	(ML/EPA 507) Cyanazine	ND	ug/l	0.50	1
08/15/00	08/24/00	12:00	122448	(ML/EPA 507) Diazinon	ND	ug/l	0.10	1
08/15/00	08/24/00	12:00	122448	(ML/EPA 507) Dimethoate (Cygon)	ND	ug/l	10	1
08/15/00	08/24/00	12:00	122448	(ML/EPA 507) Molinate	ND	ug/l	0.40	1
08/15/00	08/24/00	12:00	122448	(ML/EPA 507) Prometryn (Caparol)	ND	ug/l	0.50	1
08/15/00	08/24/00	12:00	122448	(ML/EPA 507) Simazine (Princep)	ND	ug/l	0.070	1
08/15/00	08/24/00	12:00	122448	(ML/EPA 507) Thiobencarb (Bolero)	ND	ug/l	1.0	1
08/15/00	08/24/00	12:00	122448	(Surrogate) 1,3-Dimethyl-2-nitrobenzene	99	ug/l	Rec	1

SDWA Pesticides

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
08/09/00	08/15/00	12:00	122435	(ML/EPA 508) PCB 1016 Aroclor	ND	ug/l	0.070	1
08/09/00	08/15/00	12:00	122435	(ML/EPA 508) PCB 1221 Aroclor	ND	ug/l	0.10	1
08/09/00	08/15/00	12:00	122435	(ML/EPA 508) PCB 1232 Aroclor	ND	ug/l	0.10	1
08/09/00	08/15/00	12:00	122435	(ML/EPA 508) PCB 1242 Aroclor	ND	ug/l	0.10	1
08/09/00	08/15/00	12:00	122435	(ML/EPA 508) PCB 1248 Aroclor	ND	ug/l	0.10	1
08/09/00	08/15/00	12:00	122435	(ML/EPA 508) PCB 1254 Aroclor	ND	ug/l	0.10	1
08/09/00	08/15/00	12:00	122435	(ML/EPA 508) PCB 1260 Aroclor	ND	ug/l	Rec	1
08/09/00	08/15/00	12:00	122435	(ML/EPA 508) Alpha-BHC	ND	ug/l	0.010	1
08/09/00	08/15/00	12:00	122435	(ML/EPA 508) Alachlor (Alanex)	ND	ug/l	0.050	1
08/09/00	08/15/00	12:00	122435	(ML/EPA 508) Aldrin	ND	ug/l	0.010	1
08/09/00	08/15/00	12:00	122435	(ML/EPA 508) Beta-BHC	ND	ug/l	0.010	1
08/09/00	08/15/00	12:00	122435	(ML/EPA 508) Chlordane	ND	ug/l	0.10	1
08/09/00	08/15/00	12:00	122435	(ML/EPA 508) Chlorthalonil (Draconil, Bravo)	ND	ug/l	0.010	1
08/09/00	08/15/00	12:00	122435	(ML/EPA 508) Delta-BHC	ND	ug/l	0.010	1
08/09/00	08/15/00	12:00	122435	(ML/EPA 508) p,p' DDD	ND	ug/l	0.010	1
08/09/00	08/15/00	12:00	122435	(ML/EPA 508) p,p' DDE	ND	ug/l	0.010	1
08/09/00	08/15/00	12:00	122435	(ML/EPA 508) p,p' DDT	ND	ug/l	0.010	1

**MONTGOMERY WATSON LABORATORIES**

a Division of Montgomery Watson Americas, Inc.
 555 East Walnut Street
 Pasadena, California 91101
 Tel: 626 568 6400 Fax: 626 568 6324
 1 800 566 LABS (1 800 566 5227)

Laboratory
 Data Report
 #68654

Del Mar Analytical-Irvine
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
08/09/00	08/15/00	12:00	122435	(ML/EPA 508) Dieldrin	ND	ug/l	0.010	1
08/09/00	08/15/00	12:00	122435	(ML/EPA 508) Endrin Aldehyde	ND	ug/l	0.010	1
08/09/00	08/15/00	12:00	122435	(ML/EPA 508) Endrin	ND	ug/l	0.010	1
08/09/00	08/15/00	12:00	122435	(ML/EPA 508) Endosulfan I (alpha)	ND	ug/l	0.010	1
08/09/00	08/15/00	12:00	122435	(ML/EPA 508) Endosulfan II (beta)	ND	ug/l	0.010	1
08/09/00	08/15/00	12:00	122435	(ML/EPA 508) Endosulfan sulfate	ND	ug/l	0.010	1
08/09/00	08/15/00	12:00	122435	(ML/EPA 508) Heptachlor	ND	ug/l	0.010	1
08/09/00	08/15/00	12:00	122435	(ML/EPA 508) Heptachlor Epoxide	ND	ug/l	0.010	1
08/09/00	08/15/00	12:00	122435	(ML/EPA 508) Lindane (gamma-BHC)	ND	ug/l	0.010	1
08/09/00	08/15/00	12:00	122435	(ML/EPA 508) Methoxychlor	ND	ug/l	0.050	1
08/09/00	08/15/00	12:00	122435	(ML/EPA 508) Toxaphene	ND	ug/l	0.50	1
				(Surrogate) Dibutyl Chlorendate	48	† Rec		
				(Surrogate) Tetrachlorometaxylene	88	† Rec		

IJH0125-05 (2008050004) Sampled on 08/02/00 02:20

W II

Pesticides; N/P; Short list

08/15/00	08/24/00	12:00	122448	(ML/EPA 507) Alachlor (Alanex)	ND	ug/l	0.20	1
08/15/00	08/24/00	12:00	122448	(ML/EPA 507) Atrazine	ND	ug/l	0.10	1
08/15/00	08/24/00	12:00	122448	(ML/EPA 507) Bromacil	ND	ug/l	2.2	1
08/15/00	08/24/00	12:00	122448	(ML/EPA 507) Cyanazine	ND	ug/l	0.50	1
08/15/00	08/24/00	12:00	122448	(ML/EPA 507) Diazinon	ND	ug/l	0.10	1
08/15/00	08/24/00	12:00	122448	(ML/EPA 507) Dimethoate (Cygon)	ND	ug/l	10	1
08/15/00	08/24/00	12:00	122448	(ML/EPA 507) Molinate	ND	ug/l	0.40	1
08/15/00	08/24/00	12:00	122448	(ML/EPA 507) Prometryn (Caparol)	ND	ug/l	0.50	1
08/15/00	08/24/00	12:00	122448	(ML/EPA 507) Simazine (Princep)	ND	ug/l	0.070	1
08/15/00	08/24/00	12:00	122448	(ML/EPA 507) Thiobencarb (Bolero)	ND	ug/l	1.0	1
				(Surrogate) 1,3-Dimethyl-2-nitrobenzene	98	† Rec		

SDWA Pesticides

08/09/00	08/15/00	12:00	122435	(ML/EPA 508) PCB 1016 Aroclor	ND	ug/l	0.070	1
08/09/00	08/15/00	12:00	122435	(ML/EPA 508) PCB 1221 Aroclor	ND	ug/l	0.10	1
08/09/00	08/15/00	12:00	122435	(ML/EPA 508) PCB 1232 Aroclor	ND	ug/l	0.10	1
08/09/00	08/15/00	12:00	122435	(ML/EPA 508) PCB 1242 Aroclor	ND	ug/l	0.10	1
08/09/00	08/15/00	12:00	122435	(ML/EPA 508) PCB 1248 Aroclor	ND	ug/l	0.10	1
08/09/00	08/15/00	12:00	122435	(ML/EPA 508) PCB 1254 Aroclor	ND	ug/l	0.10	1

ATTACHMENT 4
QA/OC REPORT

City of Simi Valley
 2929 Tapo Canyon Road
 Simi Valley, CA 93063
 Attention: Barbara Santos

Client Project ID: Semi-annual
 44463
 Report Number: IJH0125

Sampled: 08/02/00-08/15/00
 Received: 08/02/00

METHOD BLANK/QC DATA

INORGANICS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	RPD Limits RPD	RPD Limit	Data Qualifiers
Batch: I0H0424 Extracted: 08/04/00									
Blank Analyzed: 08/04/00 (I0H0424-BLK1)									
Surfactants (MBAS)	ND	0.10	mg/l						
LCS Analyzed: 08/04/00 (I0H0424-BS1)									
Surfactants (MBAS)	0.252	0.10	mg/l	0.250		101	80-125		
Matrix Spike Analyzed: 08/04/00 (I0H0424-MS1)									
Surfactants (MBAS)	0.291	0.10	mg/l	0.250	ND	116	60-130		
Matrix Spike Dup Analyzed: 08/04/00 (I0H0424-MSD1)									
Surfactants (MBAS)	0.274	0.10	mg/l	0.250	ND	110	60-130	6.02	25
Batch: I0H0725 Extracted: 08/07/00									
Blank Analyzed: 08/08/00 (I0H0725-BLK1)									
Total Cyanide	ND	0.025	mg/l						
LCS Analyzed: 08/08/00 (I0H0725-BS1)									
Total Cyanide	0.181	0.025	mg/l	0.200		90.5	85-115		
Matrix Spike Analyzed: 08/08/00 (I0H0725-MS1)									
Total Cyanide	0.221	0.025	mg/l	0.200	ND	110	70-130		
Matrix Spike Dup Analyzed: 08/08/00 (I0H0725-MSD1)									
Total Cyanide	0.214	0.025	mg/l	0.200	ND	107	70-130	3.22	20
Batch: I0H0914 Extracted: 08/09/00									
Blank Analyzed: 08/09/00 (I0H0914-BLK1)									
Oil & Grease	ND	5.0	mg/l						

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

City of Simi Valley
 2929 Tapo Canyon Road
 Simi Valley, CA 93063
 Attention: Barbara Santos

Client Project ID: Semi-annual
 44463
 Report Number: IJH0125

Sampled: 08/02/00-08/15/00
 Received: 08/02/00

METHOD BLANK/QC DATA

INORGANICS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limit	RPD	RPD	Data Limit	Qualifiers
Batch: I0H0914 Extracted: 08/09/00											
LCS Analyzed: 08/09/00 (I0H0914-BS1)											
Oil & Grease	20.8	5.0	mg/l	20.0		104	80-120				
LCS Dup Analyzed: 08/09/00 (I0H0914-BSD1)											
Oil & Grease	21.1	5.0	mg/l	20.0		106	80-120	1.43	20		

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

City of Simi Valley
 2929 Tapo Canyon Road
 Simi Valley, CA 93063
 Attention: Barbara Santos

Client Project ID: Semi-annual
 44463
 Report Number: IJH0125

Sampled: 08/02/00-08/15/00
 Received: 08/02/00

METHOD BLANK/QC DATA

METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limits RPD	RPD Limit	Data Qualifiers
Batch: IOH0948 Extracted: 08/09/00									
LCS Analyzed: 08/09/00 (IOH0948-BS1)									
Antimony	1.05	0.010	mg/l	1.00		105	80-120		
Arsenic	0.955	0.0050	mg/l	1.00		95.5	80-120		
Beryllium	0.921	0.0040	mg/l	1.00		92.1	80-120		
Cadmium	0.905	0.0050	mg/l	1.00		90.5	80-120		
Chromium	0.923	0.0050	mg/l	1.00		92.3	80-120		
Copper	0.946	0.010	mg/l	1.00		94.6	80-120		
Lead	0.909	0.0050	mg/l	1.00		90.9	80-120		
Nickel	0.925	0.010	mg/l	1.00		92.5	80-120		
Selenium	0.949	0.0050	mg/l	1.00		94.9	80-120		
Silver	0.451	0.010	mg/l	0.500		90.2	80-120		
Thallium	0.877	0.0050	mg/l	1.00		87.7	80-120		
Zinc	0.949	0.020	mg/l	1.00		94.9	80-120		

Matrix Spike Analyzed: 08/09/00 (IOH0948-MS1)				Source: IJH0119-01					
Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limits RPD	RPD Limit	Data Qualifiers
Antimony	1.05	0.010	mg/l	1.00	ND	105	75-125		
Arsenic	0.962	0.0050	mg/l	1.00	ND	96.2	75-125		
Beryllium	0.925	0.0040	mg/l	1.00	ND	92.5	75-125		
Cadmium	0.905	0.0050	mg/l	1.00	ND	90.3	75-125		
Chromium	0.929	0.0050	mg/l	1.00	ND	92.9	75-125		
Copper	3.49	0.010	mg/l	1.00	2.4	109	75-125		
Lead	0.914	0.0050	mg/l	1.00	ND	91.4	75-125		
Nickel	0.962	0.010	mg/l	1.00	0.032	93.0	75-125		
Selenium	0.955	0.0050	mg/l	1.00	ND	95.1	75-125		
Silver	0.464	0.010	mg/l	0.500	0.013	90.2	75-125		
Thallium	0.869	0.0050	mg/l	1.00	ND	86.9	75-125		
Zinc	1.01	0.020	mg/l	1.00	0.068	94.2	75-125		

Matrix Spike Dup Analyzed: 08/09/00 (IOH0948-MSD1)				Source: IJH0119-01					
Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limits RPD	RPD Limit	Data Qualifiers
Antimony	1.07	0.010	mg/l	1.00	ND	107	75-125	1.89	20
Arsenic	0.989	0.0050	mg/l	1.00	ND	98.9	75-125	2.77	20
Beryllium	0.937	0.0040	mg/l	1.00	ND	93.7	75-125	1.29	20
Cadmium	0.925	0.0050	mg/l	1.00	ND	92.3	75-125	2.19	20
Chromium	0.955	0.0050	mg/l	1.00	ND	95.5	75-125	2.76	20
Copper	3.51	0.010	mg/l	1.00	2.4	111	75-125	0.571	20
Lead	0.935	0.0050	mg/l	1.00	ND	93.5	75-125	2.27	20

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

City of Simi Valley
 2929 Tapo Canyon Road
 Simi Valley, CA 93063
 Attention: Barbara Santos

Client Project ID: Semi-annual
 44463
 Report Number: IJH0125

Sampled: 08/02/00-08/15/00
 Received: 08/02/00

METHOD BLANK/QC DATA

METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limits RPD	RPD Limit	Data Qualifiers
Batch: IOH0948 Extracted: 08/09/00									
Matrix Spike Dup Analyzed: 08/09/00 (IOH0948-MSD1)					Source: IJH0119-01				
Cadmium	0.979	0.010	mg/l	1.00	0.032	94.7	75-125	1.75	20
Selenium	0.998	0.0050	mg/l	1.00	ND	99.4	75-125	4.40	20
Silver	0.472	0.010	mg/l	0.500	0.013	91.8	75-125	1.71	20
Thallium	0.898	0.0050	mg/l	1.00	ND	89.8	75-125	3.28	20
Zinc	1.02	0.020	mg/l	1.00	0.068	95.2	75-125	0.985	20

Batch: IOH1133 Extracted: 08/11/00

Blank Analyzed: 08/11/00 (IOH1133-BLK1)

Mercury ND 0.00020 mg/l

ICS Analyzed: 08/11/00 (IOH1133-BS1)

Mercury 0.00813 0.00020 mg/l 0.00800 102 85-115

Matrix Spike Analyzed: 08/11/00 (IOH1133-MS1)

Source: IJH0119-01

Mercury 0.00802 0.00020 mg/l 0.00800 ND 100 70-130

Matrix Spike Dup Analyzed: 08/11/00 (IOH1133-MSD1)

Source: IJH0119-01

Mercury 0.00834 0.00020 mg/l 0.00800 ND 104 70-130 3.91 20



Del Mar Analytical

2852 Alton Ave., Irvine, CA 92606 (949) 261-1022 FAX (949) 261-1228
 1014 E. Cooley Dr., Suite A, Colton, CA 92324 (909) 370-4667 FAX (909) 370-1046
 16525 Sherman Way, Suite C-11, Van Nuys, CA 92406 (818) 779-1844 FAX (818) 779-1843
 9484 Chesapeake Dr., Suite 805, San Diego, CA 92123 (858) 505-9596 FAX (858) 505-9689
 9830 South 51st St., Suite B-120, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0851

City of Simi Valley
 2929 Tapo Canyon Road
 Simi Valley, CA 93063
 Attention: Barbara Santos

Client Project ID: Semi-annual
 44463
 Report Number: IJH0125

Sampled: 08/02/00-08/15/00
 Received: 08/02/00

METHOD BLANK/QC DATA

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS (EPA 418.1)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD RPD	RPD Limit	Data Qualifiers
<u>Batch: I0H0720 Extracted: 08/07/00</u>										
Blank Analyzed: 08/07/00 (I0H0720-BLK1)										
Total Recoverable Hydrocarbons	ND	1.0	mg/l							
LCS Analyzed: 08/07/00 (I0H0720-BS1)										
Total Recoverable Hydrocarbons	4.35	1.0	mg/l	5.00		87.0	80-120			
LCS Dup Analyzed: 08/07/00 (I0H0720-BSD1)										
Total Recoverable Hydrocarbons	4.45	1.0	mg/l	5.00		89.0	80-120	2.27	15	

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

City of Simi Valley
 2929 Tapo Canyon Road
 Simi Valley, CA 93063
 Attention: Barbara Santos

Client Project ID: Semi-annual
 44463
 Report Number: IJH0125

Sampled: 08/02/00-08/15/00
 Received: 08/02/00

METHOD BLANK/QC DATA

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD RPD	RPD Limit	Data Qualifiers
Batch: I0H0825 Extracted: 08/08/00										
Blank Analyzed: 08/10/00 (I0H0825-BLK1)										
Acenaphthene	ND	10	ug/l							
Acenaphthylene	ND	10	ug/l							
Aniline	ND	10	ug/l							
Anthracene	ND	10	ug/l							
Azobenzene	ND	20	ug/l							
Benzidine	ND	100	ug/l							
Benzoic acid	ND	100	ug/l							
Benzo(a)anthracene	ND	10	ug/l							
Benzo(b)fluoranthene	ND	10	ug/l							
Benzo(k)fluoranthene	ND	10	ug/l							
Benzo(g,h,i)perylene	ND	10	ug/l							
Benzo(a)pyrene	ND	10	ug/l							
Benzyl alcohol	ND	20	ug/l							
Bis(2-chloroethoxy)methane	ND	10	ug/l							
Bis(2-chloroethyl)ether	ND	10	ug/l							
Bis(2-chloroisopropyl)ether	ND	10	ug/l							
Bis(2-ethylhexyl)phthalate	ND	50	ug/l							
4-Bromophenyl phenyl ether	ND	10	ug/l							
Butyl benzyl phthalate	ND	20	ug/l							
4-Chloroaniline	ND	10	ug/l							
2-Chloronaphthalene	ND	10	ug/l							
3-Chloro-3-methylphenol	ND	20	ug/l							
2-Chlorophenol	ND	10	ug/l							
4-Chlorophenyl phenyl ether	ND	10	ug/l							
Chrysene	ND	10	ug/l							
Dibenz(a,h)anthracene	ND	20	ug/l							
Dibenzofuran	ND	10	ug/l							
Di-n-butyl phthalate	ND	20	ug/l							
1,3-Dichlorobenzene	ND	10	ug/l							
1,4-Dichlorobenzene	ND	10	ug/l							
1,2-Dichlorobenzene	ND	10	ug/l							
3,3-Dichlorobenzidine	ND	40	ug/l							
2,4-Dichlorophenol	ND	10	ug/l							
Diethyl phthalate	ND	10	ug/l							

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical.

City of Simi Valley
 2929 Tapo Canyon Road
 Simi Valley, CA 93063
 Attention: Barbara Santos

Client Project ID: Semi-annual
 44463
 Report Number: IJH0125

Sampled: 08/02/00-08/15/00
 Received: 08/02/00

METHOD BLANK/QC DATA

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	RPD Limits RPD	Data Limit	Qualifiers
Batch: I0H0825 Extracted: 08/03/00									
Blank Analyzed: 08/10/00 (I0H0825-BLK1)									
1,2-Dimethylphenol	ND	20	ug/l						
Dimethyl phthalate	ND	10	ug/l						
4,6-Dinitro-2-methylphenol	ND	40	ug/l						
2,4-Dinitrophenol	ND	100	ug/l						
2,4-Dinitrotoluene	ND	10	ug/l						
2,6-Dinitrotoluene	ND	10	ug/l						
Dj-n-octyl phthalate	ND	40	ug/l						
Fluoranthene	ND	10	ug/l						
Fluorene	ND	10	ug/l						
Hexachlorobenzene	ND	10	ug/l						
Hexachlorobutadiene	ND	10	ug/l						
Hexachlorocyclopentadiene	ND	40	ug/l						
Hexachloroethane	ND	10	ug/l						
Indeno(1,2,3-cd)pyrene	ND	20	ug/l						
Phosphorone	ND	10	ug/l						
2-Methylnaphthalene	ND	10	ug/l						
2-Methylphenol	ND	10	ug/l						
3-Methylphenol	ND	10	ug/l						
Naphthalene	ND	10	ug/l						
2-Nitroaniline	ND	20	ug/l						
3-Nitroaniline	ND	20	ug/l						
4-Nitroaniline	ND	100	ug/l						
Nitrobenzene	ND	40	ug/l						
2-Nitrophenol	ND	10	ug/l						
3-Nitrophenol	ND	100	ug/l						
n-Nitrosodiphenylamine	ND	10	ug/l						
n-Nitroso-di-n-propylamine	ND	10	ug/l						
Pentachlorophenol	ND	40	ug/l						
Phenanthrene	ND	10	ug/l						
Phenol	ND	10	ug/l						
Pyrene	ND	10	ug/l						
2,4-Trichlorobenzene	ND	10	ug/l						
2,4,5-Trichlorophenol	ND	20	ug/l						
2,4,6-Trichlorophenol	ND	20	ug/l						

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

City of Simi Valley
 2929 Tapo Canyon Road
 Simi Valley, CA 93063
 Attention: Barbara Santos

Client Project ID: Semi-annual
 44463
 Report Number: IJH0125

Sampled: 08/02/00-08/15/00
 Received: 08/02/00

METHOD BLANK/QC DATA

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD RPD	RPD Limit	Data Qualifiers
Batch: IOH0825 Extracted: 08/08/00										
Blank Analyzed: 08/10/00 (IOH0825-BLK1)										
Surrogate: 2-Fluorophenol	174		ug/l	200		87.0	30-110			
Surrogate: Phenol-d6	163		ug/l	200		81.5	40-110			
Surrogate: 2,4,6-Tribromophenol	206		ug/l	200		103	55-140			
Surrogate: Nitrobenzene-d5	90.6		ug/l	100		90.6	40-110			
Surrogate: 2-Fluorobiphenyl	84.7		ug/l	100		84.7	40-120			
Surrogate: Terphenyl-d14	104		ug/l	100		104	55-160			
ICS Analyzed: 08/10/00 (IOH0825-BS1)										
Acenaphthene	82.7	10	ug/l	100		82.7	55-120			
Acenaphthylene	84.0	10	ug/l	100		84.0	55-120			
Aniline	62.7	10	ug/l	100		62.7	30-120			
Anthracene	90.6	10	ug/l	100		90.6	65-120			
Azobenzene	75.1	20	ug/l	100		75.1	50-125			
Benzidine	131	100	ug/l	100		131	10-200			
Benzoic acid	ND	100	ug/l	100		59.8	25-120			
Benzo(a)anthracene	101	10	ug/l	100		101	70-125			
Benzo(b)fluoranthene	93.4	10	ug/l	100		93.4	65-125			
Benzo(k)fluoranthene	98.7	10	ug/l	100		98.7	65-135			
Benzo(g,h,i)perylene	99.2	10	ug/l	100		99.2	25-150			
Benzo(a)pyrene	97.1	10	ug/l	100		97.1	70-125			
Benzyl alcohol	83.5	20	ug/l	100		83.5	45-120			
Bis(2-chloroethoxy)methane	79.1	10	ug/l	100		79.1	50-120			
Bis(2-chloroethyl)ether	69.8	10	ug/l	100		69.8	45-120			
Bis(2-chloroisopropyl)ether	93.2	10	ug/l	100		93.2	36-120			
Bis(2-ethylhexyl)phthalate	110	50	ug/l	100		110	65-140			
4-Bromophenyl phenyl ether	89.5	10	ug/l	100		89.5	55-120			
Butyl benzyl phthalate	105	20	ug/l	100		105	70-135			
4-Chloroaniline	76.8	10	ug/l	100		76.8	25-120			
1-Chloronaphthalene	76.0	10	ug/l	100		76.0	60-118			
4-Chloro-3-methylphenol	79.9	20	ug/l	100		79.9	55-120			
2-Chlorophenol	71.8	10	ug/l	100		71.8	45-120			
4-Chlorophenyl phenyl ether	76.5	10	ug/l	100		76.5	60-120			
Chrysene	103	10	ug/l	100		103	70-130			
Dibenz(a,h)anthracene	98.3	20	ug/l	100		98.3	50-130			
Dibenzofuran	77.9	10	ug/l	100		77.9	55-120			

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

City of Simi Valley
 2929 Tapo Canyon Road
 Simi Valley, CA 93063
 Attention: Barbara Santos

Client Project ID: Semi-annual
 44463
 Report Number: IJH0125

Sampled: 08/02/00-08/15/00
 Received: 08/02/00

METHOD BLANK/QC DATA

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	RPD Limits RPD	RPD Limit	Data Qualifiers
Batch: I0H0825 Extracted: 08/08/00									
LCS Analyzed: 08/10/00 (I0H0825-BS1)									
Di-n-butyl phthalate	95.9	20	ug/l	100		95.9	60-118		
1,3-Dichlorobenzene	68.4	10	ug/l	100		68.4	30-120		
1,4-Dichlorobenzene	68.5	10	ug/l	100		68.5	35-120		
1,2-Dichlorobenzene	69.3	10	ug/l	100		69.3	45-120		
1,3-Dichlorobenzidine	84.7	40	ug/l	100		84.7	35-145		
2,4-Dichlorophenol	75.9	10	ug/l	100		75.9	50-120		
Diethyl phthalate	85.4	10	ug/l	100		85.4	65-114		
1,4-Dimethylphenol	53.3	20	ug/l	100		53.3	32-119		
Dimethyl phthalate	86.8	10	ug/l	100		86.8	65-112		
4,6-Dinitro-2-methylphenol	84.4	40	ug/l	100		84.4	65-125		
2,4-Dinitrophenol	ND	100	ug/l	100		73.0	40-125		
2,4-Dinitrotoluene	85.1	10	ug/l	100		85.1	65-120		
2,6-Dinitrotoluene	85.0	10	ug/l	100		85.0	65-120		
Di-n-octyl phthalate	84.6	40	ug/l	100		84.6	55-146		
Fluoranthene	90.7	10	ug/l	100		90.7	70-120		
Fluorene	82.3	10	ug/l	100		82.3	59-120		
Hexachlorobenzene	93.1	10	ug/l	100		93.1	60-120		
Hexachlorobutadiene	73.8	10	ug/l	100		73.8	35-116		
Hexachlorocyclopentadiene	ND	40	ug/l	100		36.6	10-120		
Hexachloroethane	67.6	10	ug/l	100		67.6	40-113		
Indeno(1,2,3-cd)pyrene	93.2	20	ug/l	100		93.2	40-135		
Isophorone	84.5	10	ug/l	100		84.5	50-120		
2-Methylnaphthalene	82.1	10	ug/l	100		82.1	55-120		
2-Methylphenol	66.4	10	ug/l	100		66.4	45-120		
4-Methylphenol	72.7	10	ug/l	100		72.7	45-120		
Naphthalene	76.1	10	ug/l	100		76.1	45-120		
2-Nitroaniline	81.2	20	ug/l	100		81.2	50-135		
3-Nitroaniline	80.8	20	ug/l	100		80.8	50-125		
4-Nitroaniline	ND	100	ug/l	100		78.1	55-140		
Nitrobenzene	74.2	40	ug/l	100		74.2	45-120		
2-Nitrophenol	78.8	10	ug/l	100		78.8	50-120		
4-Nitrophenol	ND	100	ug/l	100		59.2	50-132		
n-Nitrosodiphenylamine	76.6	10	ug/l	100		76.6	45-120		
n-Nitroso-di-n-propylamine	85.2	10	ug/l	100		85.2	45-125		

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

City of Simi Valley
 2929 Tapo Canyon Road
 Simi Valley, CA 93063
 Attention: Barbara Santos

Client Project ID: Semi-annual
 44463
 Report Number: IJH0125

Sampled: 08/02/00-08/15/00
 Received: 08/02/00

METHOD BLANK/QC DATA

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	RPD Limits RPD	RPD Limit	Data Qualifiers
---------	--------	-----------------	-------	-------------	---------------	-----------	----------------	-----------	-----------------

Batch: I0H0825 Extracted: 08/08/00

LCS Analyzed: 08/10/00 (I0H0825-BS1)

Pentachlorophenol	76.4	40	ug/l	100		76.4	50-130		
Phenanthrene	91.6	10	ug/l	100		91.6	65-120		
Phenol	71.7	10	ug/l	100		71.7	35-112		
Pyrene	112	10	ug/l	100		112	65-115		
1,2,4-Trichlorobenzene	73.3	10	ug/l	100		73.3	50-120		
2,4,5-Trichlorophenol	71.6	20	ug/l	100		71.6	55-120		
2,4,6-Trichlorophenol	80.9	20	ug/l	100		80.9	55-120		
Surrogate: 2-Fluorophenol	134		ug/l	200		67.0	30-110		
Surrogate: Phenol-d6	141		ug/l	200		70.5	40-110		
Surrogate: 2,4,6-Tribromophenol	194		ug/l	200		97.0	55-140		
Surrogate: Nitrobenzene-d5	76.1		ug/l	100		76.1	40-110		
Surrogate: 2-Fluorobiphenyl	75.2		ug/l	100		75.2	40-120		
Surrogate: Terphenyl-d14	107		ug/l	100		107	55-160		

Matrix Spike Analyzed: 08/10/00 (I0H0825-MS1)

Source: IJH0159-05

Acenaphthene	76.4	10	ug/l	100	ND	76.4	60-120		
Benzo(a)anthracene	94.2	10	ug/l	100	ND	94.2	70-125		
4-Chloro-3-methylphenol	ND	20	ug/l	100	ND		55-120		M
2-Chlorophenol	15.9	10	ug/l	100	ND	15.9	45-120		M
Dibenz(a,h)anthracene	105	20	ug/l	100	ND	105	50-130		
1,4-Dichlorobenzene	70.7	10	ug/l	100	ND	70.7	35-120		
Diethyl phthalate	79.3	10	ug/l	100	ND	79.3	60-114		
2,4-Dinitrotoluene	75.7	10	ug/l	100	ND	75.7	65-120		
Hexachlorobutadiene	78.4	10	ug/l	100	ND	78.4	40-116		
Naphthalene	76.7	10	ug/l	100	ND	76.7	40-120		
4-Nitrophenol	ND	100	ug/l	100	ND	65.8	40-130		
n-Nitroso-di-n-propylamine	81.8	10	ug/l	100	ND	81.8	50-120		
Pentachlorophenol	53.4	40	ug/l	100	ND	53.4	50-130		
Phenol	ND	10	ug/l	100	ND		35-120		M
Pyrene	116	10	ug/l	100	ND	116	50-115		M
1,2,4-Trichlorobenzene	76.3	10	ug/l	100	ND	76.3	44-120		
Surrogate: 2-Fluorophenol	5.78		ug/l	200		2.89	30-110		Z
Surrogate: Phenol-d6	2.96		ug/l	200		1.48	40-110		Z
Surrogate: 2,4,6-Tribromophenol	38.8		ug/l	200		19.4	55-140		Z
Surrogate: Nitrobenzene-d5	75.6		ug/l	100		75.6	40-110		

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

City of Simi Valley 2929 Tapo Canyon Road Simi Valley, CA 93063 Attention: Barbara Santos	Client Project ID: Semi-annual 44463 Report Number: IJH0125	Sampled: 08/02/00-08/15/00 Received: 08/02/00
--	---	--

METHOD BLANK/QC DATA

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	RPD Limits	RPD RPD	Data Limit	Qualifiers
Batch: IOH0825 Extracted: 08/08/00										
Matrix Spike Analyzed: 08/10/00 (IOH0825-MS1)					Source: IJH0159-05					
Surrogate: 2-Fluorobiphenyl	69.9		ug/l	100		69.9	40-120			
Surrogate: Terphenyl-d14	104		ug/l	100		104	55-160			
Matrix Spike Dup Analyzed: 08/10/00 (IOH0825-MSD1)					Source: IJH0159-05					
Benaphthene	76.6	10	ug/l	100	ND	76.6	60-120	0.261	25	
Benzo(a)anthracene	98.7	10	ug/l	100	ND	98.7	70-125	4.67	20	
4-Chloro-3-methylphenol	ND	20	ug/l	100	ND		55-120		25	M
2-Chlorophenol	25.3	10	ug/l	100	ND	25.3	45-120	45.6	25	M,R3
Benzo(a,h)anthracene	89.1	20	ug/l	100	ND	89.1	50-130	16.4	20	
1,4-Dichlorobenzene	72.2	10	ug/l	100	ND	72.2	35-120	2.10	25	
Diethyl phthalate	84.1	10	ug/l	100	ND	84.1	60-114	5.88	25	
4-Dinitrotoluene	82.4	10	ug/l	100	ND	82.4	65-120	8.48	20	
Hexachlorobutadiene	76.0	10	ug/l	100	ND	76.0	40-116	3.11	25	
Naphthalene	75.1	10	ug/l	100	ND	75.1	40-120	2.11	25	
Nitrophenol	ND	100	ug/l	100	ND	88.8	40-130	29.8	25	R
Nitroso-di-n-propylamine	78.8	10	ug/l	100	ND	78.8	50-120	3.74	25	
Pentachlorophenol	68.0	40	ug/l	100	ND	68.0	50-130	24.1	25	
Phenol	13.7	10	ug/l	100	ND	13.7	35-120		25	M
Styrene	114	10	ug/l	100	ND	114	50-115	1.74	20	
1,2,4-Trichlorobenzene	73.6	10	ug/l	100	ND	73.6	44-120	3.60	25	
Surrogate: 2-Fluorophenol	9.30		ug/l	200		4.65	30-110			Z
Surrogate: Phenol-d6	12.1		ug/l	200		6.05	40-110			Z
Surrogate: 2,4,6-Tribromophenol	55.3		ug/l	200		27.6	55-140			Z
Surrogate: Nitrobenzene-d5	71.7		ug/l	100		71.7	40-110			
Surrogate: 2-Fluorobiphenyl	68.7		ug/l	100		68.7	40-120			
Surrogate: Terphenyl-d14	105		ug/l	100		105	55-160			

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager



MONTGOMERY WATSON LABORATORIES

a Division of Montgomery Watson Americas, Inc.
555 East Walnut Street
Pasadena, California 91101
Tel: 626 568 6400 Fax: 626 568 6324
1 800 566 LABS (1 800 566 5227)

Laboratory Report

for

Del Mar Analytical-Irvine
2852 Alton Ave.

Irvine , CA 92714

Attention: Michele Harper
Fax: 949-261-1228

DATE OF ISSUE
AUG 28 2000
Debbie Frank
MONTGOMERY WATSON LABS

DEB Debbie Frank
Project Manager

Report#: 68654
SUBCONTRACT

Del Mar Analytical

2852 Alton Ave., Irvine, CA 92618
1514 E. Cooley Dr., Suite A, Colton, CA 92321
16528 Sherman Way, Suite C 11, Van Nuys, CA 91411
9484 Chesapeake Dr., Suite 805, San Diego, CA 92121
2830 South 21st St., Suite B 120, Phoenix, AZ 85034

October 19, 2000

City of Simi Valley
2929 Tapo Canyon Road
Simi Valley, CA 93063

Attention: Barbara Santos

Project: Semi-annual / 44463, Sampled August 2, 2000
Del Mar Analytical Number: IJH0125

Dear Ms. Santos:

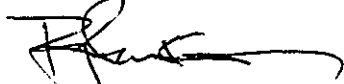
Per our conversation on October 19, 2000, I am enclosing copies of the laboratory results you are unable to locate for EPA Method 507 and EPA Method 508. The 507 and 508 analyses for your samples were performed by Montgomery Watson Laboratories. The cross-reference identification is as follows:

City of Simi Valley ID	Del Mar -Irvine ID	Triangle Lab ID
W-10 /	IJH0125-04	2008050003
W-11	IJH0125-05	2008050004
W-12	IJH0125-06	2008050005

Attached is a copy of the original sample results and the original QC data report that we mistakenly filed from Montgomery Watson Laboratories. If you have any questions or require further assistance, please do not hesitate to contact me.

Sincerely yours,

DEL MAR ANALYTICAL



Rachel Parker
Project Manager



MONTGOMERY WATSON LABORATORIES

a Division of Montgomery Watson Americas, Inc.
555 East Walnut Street
Pasadena, California 91101
Tel: 626 568 6400 Fax: 626 568 6324
1 800 566 LABS (1 800 566 5227)

Laboratory
QC Summary
#68654

Del Mar Analytical-Irvine

QC Batch #122435 - SDWA Pesticides

Analysis Date: 08/15/2000

2008050003	IJH0125-04
2008050004	IJH0125-05
2008050005	IJH0125-06

QC Batch #122448 - Pesticides; N/P; Short list

Analysis Date: 08/24/2000

2008050003	IJH0125-04
2008050004	IJH0125-05
2008050005	IJH0125-06



MONTGOMERY WATSON LABORATORIES

a Division of Montgomery Watson Americas, Inc.
555 East Walnut Street
Pasadena, California 91101
Tel: 626 568 6400 Fax: 626 568 6324
1 800 566 LABS (1 800 566 5227)

Report
Comments
#68654

(QC batch#: 122435)

Test: Dibutyl chlorendate (surr)

QC Type: MSD

Recovery failed low; TCMX was within QC acceptance limits,
method requires only one surrogate.

(QC batch#: 122448)

Test: Diazinon

QC Type: MS

Recovery failed low; LCS recoveries were within QC
acceptance limits. QIR-GC-00-284.

QC Type: MSD

Recovery failed low; LCS recoveries were within QC
acceptance limits. QIR-GC-00-284.



MONTGOMERY WATSON LABORATORIES
 a Division of Montgomery Watson Americas, Inc.
 555 East Walnut Street
 Pasadena, California 91101
 Tel: 626 568 6400 Fax: 626 568 6324
 1 800 566 LABS (1 800 566 5227)

Laboratory
 QC Report
 #68654

Del Mar Analytical-Irvine

QC Batch #122435

SDWA Pesticides

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MBLK	PCB 1016 Aroclor	ND				
MBLK	PCB 1221 Aroclor	ND				
MBLK	PCB 1232 Aroclor	ND				
MBLK	PCB 1242 Aroclor	ND				
LCS2	PCB 1248 Aroclor	0.500	0.528	105.6	(70.00 - 130.00)	
MBLK	PCB 1248 Aroclor	ND				
MS	PCB 1248 Aroclor	0.500	0.520	104.0	(70.00 - 130.00)	
MSD	PCB 1248 Aroclor	0.500	0.531	106.2	(70.00 - 130.00)	2.1
MBLK	PCB 1254 Aroclor	ND				
MBLK	PCB 1260 Aroclor	ND				
LCS1	Alpha-BHC	0.050	0.051	102.0	(62.00 - 122.00)	
MBLK	Alpha-BHC	ND				
MS	Alpha-BHC	0.050	0.049	98.0	(71.00 - 126.00)	
MSD	Alpha-BHC	0.050	0.052	104.0	(71.00 - 126.00)	5.9
MS	Spiked sample	Lab # 20	08080046		(0.00 - 0.00)	
LCS1	Alachlor (Alanex)	0.100	0.098	98.0	(70.00 - 130.00)	
MBLK	Alachlor (Alanex)	ND				
MS	Alachlor (Alanex)	0.100	0.093	93.0	(65.00 - 135.00)	
MSD	Alachlor (Alanex)	0.100	0.100	100.0	(65.00 - 135.00)	7.3
LCS1	Aldrin	0.050	0.049	98.0	(56.00 - 116.00)	
MBLK	Aldrin	ND				
MS	Aldrin	0.050	0.049	98.0	(62.00 - 117.00)	
MSD	Aldrin	0.050	0.051	102.0	(62.00 - 117.00)	4.0
LCS1	Beta-BHC	0.050	0.049	98.0	(65.00 - 125.00)	
MBLK	Beta-BHC	ND				
MS	Beta-BHC	0.050	0.048	96.0	(60.00 - 130.00)	
MSD	Beta-BHC	0.050	0.050	100.0	(60.00 - 130.00)	4.1
MBLK	Chlordane	ND				
LCS1	Chlorthalonil (Draconil, Bravo)	0.100	0.091	91.0	(61.00 - 121.00)	
MBLK	Chlorthalonil (Draconil, Bravo)	ND				
MS	Chlorthalonil (Draconil, Bravo)	0.100	0.090	90.0	(56.00 - 126.00)	
MSD	Chlorthalonil (Draconil, Bravo)	0.100	0.092	92.0	(56.00 - 126.00)	2.2
LCS1	Delta-BHC	0.050	0.051	102.0	(72.00 - 131.00)	

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
 Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates
 are advisory only, unless otherwise specified in the method.



MONTGOMERY WATSON LABORATORIES

a Division of Montgomery Watson Americas, Inc.
 555 East Walnut Street
 Pasadena, California 91101
 Tel: 626 568 6400 Fax: 626 568 6324
 1 800 566 LABS (1 800 566 5227)

Laboratory
 QC Report
 #68654

Del Mar Analytical-Irvine (continued)

MBLK	Delta-BHC	ND				
MS	Delta-BHC	0.050	0.049	98.0	(67.00 - 137.00)	
MSD	Delta-BHC	0.050	0.051	102.0	(67.00 - 137.00)	4.0
LCS1	p,p' DDD	0.100	0.103	103.0	(77.00 - 137.00)	
MBLK	p,p' DDD	ND				
MS	p,p' DDD	0.100	0.100	100.0	(72.00 - 142.00)	
MSD	p,p' DDD	0.100	0.104	104.0	(72.00 - 142.00)	3.9
LCS1	p,p' DDE	0.100	0.099	99.0	(69.00 - 129.00)	
MBLK	p,p' DDE	ND				
MS	p,p' DDE	0.100	0.098	98.0	(73.00 - 131.00)	
MSD	p,p' DDE	0.100	0.101	101.0	(73.00 - 131.00)	3.0
LCS1	p,p' DDT	0.100	0.103	103.0	(82.00 - 142.00)	
MBLK	p,p' DDT	ND				
MS	p,p' DDT	0.100	0.101	101.0	(77.00 - 147.00)	
MSD	p,p' DDT	0.100	0.104	104.0	(77.00 - 147.00)	2.9
LCS1	Dieldrin	0.100	0.101	101.0	(57.00 - 117.00)	
MBLK	Dieldrin	ND				
MS	Dieldrin	0.100	0.098	98.0	(52.00 - 122.00)	
MSD	Dieldrin	0.100	0.103	103.0	(52.00 - 122.00)	5.0
LCS1	Endrin Aldehyde	0.100	0.076	76.0	(58.00 - 118.00)	
MBLK	Endrin Aldehyde	ND				
MS	Endrin Aldehyde	0.100	0.069	69.0	(53.00 - 123.00)	
MSD	Endrin Aldehyde	0.100	0.075	75.0	(53.00 - 123.00)	8.3
LCS1	Endrin	0.100	0.107	107.0	(58.00 - 118.00)	
MBLK	Endrin	ND				
MS	Endrin	0.100	0.108	108.0	(53.00 - 123.00)	
MSD	Endrin	0.100	0.108	108.0	(53.00 - 123.00)	0.00
LCS1	Endosulfan I (alpha)	0.050	0.051	102.0	(57.00 - 117.00)	
MBLK	Endosulfan I (alpha)	ND				
MS	Endosulfan I (alpha)	0.050	0.050	100.0	(52.00 - 122.00)	
MSD	Endosulfan I (alpha)	0.050	0.052	104.0	(52.00 - 122.00)	3.9
LCS1	Endosulfan II (beta)	0.100	0.098	98.0	(62.00 - 122.00)	
MBLK	Endosulfan II (beta)	ND				
MS	Endosulfan II (beta)	0.100	0.095	95.0	(57.00 - 127.00)	
MSD	Endosulfan II (beta)	0.100	0.099	99.0	(57.00 - 127.00)	4.1
LCS1	Endosulfan sulfate	0.100	0.098	98.0	(72.00 - 132.00)	

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
 Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates
 are advisory only, unless otherwise specified in the method.



MONTGOMERY WATSON LABORATORIES

a Division of Montgomery Watson Americas, Inc.
555 East Walnut Street
Pasadena, California 91101
Tel: 626 568 6400 Fax: 626 568 6324
1 800 566 LABS (1 800 566 5227)

Laboratory
QC Report
#68654

Del Mar Analytical-Irvine
(continued)

MBLK	Endosulfan sulfate	ND				
MS	Endosulfan sulfate	0.100	0.112	112.0	(72.00 - 137.00)	
MSD	Endosulfan sulfate	0.100	0.106	106.0	(72.00 - 137.00)	5.5
LCS1	Heptachlor	0.050	0.052	104.0	(68.00 - 128.00)	
MBLK	Heptachlor	ND				
MS	Heptachlor	0.050	0.052	104.0	(68.00 - 129.00)	
MSD	Heptachlor	0.050	0.053	106.0	(68.00 - 129.00)	1.9
LCS1	Heptachlor Epoxide	0.050	0.047	94.0	(57.00 - 117.00)	
MBLK	Heptachlor Epoxide	ND				
MS	Heptachlor Epoxide	0.050	0.046	92.0	(52.00 - 122.00)	
MSD	Heptachlor Epoxide	0.050	0.049	98.0	(52.00 - 122.00)	6.3
LCS1	Lindane (gamma-BHC)	0.050	0.051	102.0	(59.00 - 119.00)	
MBLK	Lindane (gamma-BHC)	ND				
MS	Lindane (gamma-BHC)	0.050	0.051	102.0	(54.00 - 124.00)	
MSD	Lindane (gamma-BHC)	0.050	0.052	104.0	(54.00 - 124.00)	1.9
LCS1	Methoxychlor	0.500	0.558	111.6	(75.00 - 135.00)	
MBLK	Methoxychlor	ND				
MS	Methoxychlor	0.500	0.561	112.2	(70.00 - 132.00)	
MSD	Methoxychlor	0.500	0.561	112.2	(70.00 - 132.00)	0.00
LCS1	Tetrachlorometaxylene (surr)	100	91	91.0	(70.00 - 130.00)	
LCS2	Tetrachlorometaxylene (surr)	100	96	96.0	(70.00 - 130.00)	5.3
MBLK	Tetrachlorometaxylene (surr)	100	92	92.0		
MS	Tetrachlorometaxylene (surr)	100	94	94.0	(70.00 - 130.00)	
MSD	Tetrachlorometaxylene (surr)	100	74	74.0	(70.00 - 130.00)	24
LCS1	Dibutyl chlorendate (surr)	100	104	104.0	(70.00 - 130.00)	
LCS2	Dibutyl chlorendate (surr)	100	112	112.0	(70.00 - 130.00)	7.4
MBLK	Dibutyl chlorendate (surr)	100	100	100.0		
MS	Dibutyl chlorendate (surr)	100	108	108.0	(70.00 - 130.00)	
MSD	Dibutyl chlorendate (surr)	100	64	<u>64.0</u>	(70.00 - 130.00)	51
MBLK	Toxaphene	ND				

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates
are advisory only, unless otherwise specified in the method.

**MONTGOMERY WATSON LABORATORIES**

a Division of Montgomery Watson Americas, Inc.
 955 East Walnut Street
 Pasadena, California 91101
 Tel: 626 568 6400 Fax: 626 568 6324
 1 800 566 LABS (1 800 566 5227)

Laboratory
 QC Report
 #68654

Del Mar Analytical-Irvine
 (continued)

QC Batch #122448 Pesticides; N/P; Short list

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 20	08100061		(0.00 - 0.00)	
LCS1	Alachlor (Alanex)	2.50	2.32	92.8	(62.00 - 128.00)	
LCS2	Alachlor (Alanex)	2.50	2.24	89.6	(62.00 - 128.00)	3.5
MBLK	Alachlor (Alanex)	ND				
MS	Alachlor (Alanex)	2.50	2.19	87.6	(62.00 - 128.00)	
MSD	Alachlor (Alanex)	2.50	2.05	82.0	(62.00 - 128.00)	6.6
MBLK	Atrazine (Atrex)	ND				
LCS1	Atrazine	2.50	2.61	104.4	(62.00 - 122.00)	
LCS2	Atrazine	2.50	2.36	94.4	(62.00 - 122.00)	10
MS	Atrazine	2.50	2.22	88.8	(62.00 - 122.00)	
MSD	Atrazine	2.50	2.29	91.6	(62.00 - 122.00)	3.1
MBLK	Bromacil (Hyvar)	ND				
LCS1	Bromacil	25.0	21.5	86.0	(61.00 - 121.00)	
LCS2	Bromacil	25.0	20.5	82.0	(61.00 - 121.00)	4.8
MS	Bromacil	25.0	20.6	82.4	(61.00 - 121.00)	
MSD	Bromacil	25.0	19.2	76.8	(61.00 - 121.00)	7.0
LCS1	Cyanazine	2.50	2.28	91.2	(70.00 - 130.00)	
LCS2	Cyanazine	2.50	2.18	87.2	(70.00 - 130.00)	4.5
MBLK	Cyanazine	ND				
MS	Cyanazine	2.50	2.19	87.6	(70.00 - 130.00)	
MSD	Cyanazine	2.50	2.05	82.0	(70.00 - 130.00)	6.6
LCS1	Diazinon	2.50	2.26	90.4	(85.00 - 145.00)	
LCS2	Diazinon	2.50	2.20	88.0	(85.00 - 145.00)	2.7
MBLK	Diazinon	ND				
MS	Diazinon	2.50	2.09	<u>83.6</u>	(85.00 - 145.00)	
MSD	Diazinon	2.50	2.03	<u>81.2</u>	(85.00 - 145.00)	2.9
LCS1	Dimethoate (Cygon)	2.50	2.16	86.4	(70.00 - 130.00)	
LCS2	Dimethoate (Cygon)	2.50	2.05	82.0	(70.00 - 130.00)	5.2
MBLK	Dimethoate (Cygon)	ND				
MS	Dimethoate (Cygon)	2.50	1.96	78.4	(70.00 - 130.00)	
MSD	Dimethoate (Cygon)	2.50	1.91	76.4	(70.00 - 130.00)	2.6

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
 Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates
 are advisory only, unless otherwise specified in the method.



MONTGOMERY WATSON LABORATORIES
 a Division of Montgomery Watson Americas, Inc.
 555 East Walnut Street
 Pasadena, California 91101
 Tel: 626 568 6400 Fax: 626 568 6324
 1 800 566 LABS (1 800 566 5227)

Laboratory
 QC Report
 #68654

Del Mar Analytical-Irvine
 (continued)

MBLK	Molinate (Ordram)	ND				
LCS1	Molinate	2.50	2.59	103.6	(44.00 - 152.00)	
LCS2	Molinate	2.50	2.44	97.6	(44.00 - 152.00)	6.0
MS	Molinate	2.50	2.01	80.4	(44.00 - 152.00)	
MSD	Molinate	2.50	2.21	88.4	(44.00 - 152.00)	9.5
LCS1	Prometryn (Caparol)	2.50	2.28	91.2	(63.00 - 123.00)	
LCS2	Prometryn (Caparol)	2.50	2.20	88.0	(63.00 - 123.00)	3.6
MS	Prometryn (Caparol)	2.50	2.19	87.6	(63.00 - 123.00)	
MSD	Prometryn (Caparol)	2.50	2.05	82.0	(63.00 - 123.00)	6.6
MBLK	Prometryn (Caparol)	ND				
LCS1	Simazine (Princep)	2.50	2.00	80.0	(70.00 - 130.00)	
LCS2	Simazine (Princep)	2.50	2.04	81.6	(70.00 - 130.00)	2.0
MBLK	Simazine (Princep)	ND				
MS	Simazine (Princep)	2.50	2.13	85.2	(70.00 - 130.00)	
MSD	Simazine (Princep)	2.50	1.83	73.2	(70.00 - 130.00)	15
LCS1	1,3-Dimethyl-2-nitrobenzene	100	97	97.0	(70.00 - 130.00)	
LCS2	1,3-Dimethyl-2-nitrobenzene	100	97	97.0	(70.00 - 130.00)	0.00
MBLK	1,3-Dimethyl-2-nitrobenzene	100	96	96.0		
MS	1,3-Dimethyl-2-nitrobenzene	100	100	100.0	(70.00 - 130.00)	
MSD	1,3-Dimethyl-2-nitrobenzene	100	98	98.0	(70.00 - 130.00)	2.0
LCS1	Thiobencarb (Bolero)	2.50	2.32	92.8	(70.00 - 130.00)	
LCS2	Thiobencarb (Bolero)	2.50	2.23	89.2	(70.00 - 130.00)	4.0
MBLK	Thiobencarb (Bolero)	ND				
MS	Thiobencarb (Bolero)	2.50	2.23	89.2	(70.00 - 130.00)	
MSD	Thiobencarb (Bolero)	2.50	2.08	83.2	(70.00 - 130.00)	7.0

ANALYTICAL QUALITY ASSURANCE PROGRAM

The Quality Assurance Program is a continuing program to insure the reliability, precision and accuracy of data produced by the laboratory. It emphasizes prevention, early detection and correction of factors that could result in questionable data validating the generated data. It discusses the basic factors of water and wastewater measurements that determine the value of analytical results and provides recommendations for the control of these factors to insure that analytical results are accurate. These recommendations are basic to the City's Quality Assurance Program and increases confidence in the reliability of reported analytical results.

I. ORGANIZATION

A. Qualification and Background of Personnel

1. Laboratory Supervisor - Barbara M. Santos

Certification: AWWA Water Quality Analyst Grade 3 Cert. #00486
CWEA Water Quality Analyst Grade 3 Cert. #206

Education: California State University Northridge
Masters Degree in Public Administration

University of Santo Tomas
B.S. Degree in Medical Technology

Experience: Jacobs Environmental Laboratory
June 1981 to January 1984

City of Simi Valley
January 1984 to present

2. Laboratory Chemist - KuChung Chen

Certification: CWEA Laboratory Analyst Grade 3 Cert. #84
Pittsburg State University
M.S. in Chemistry

Education: Chung Yuan College of Science and Engineering
B.S. Degree in Chemical Engineering

Experience: City of Simi Valley
December 1979 to present

3. Laboratory Technician - Bradley Davis

Certification: CWEA Laboratory Analyst, Grade 2 Cert. # 73201

Education: California State University Humboldt
B.S. Degree in Oceanography (Chemistry emphasis)

Experience: Laboratory Director, United Water/City of Avalon
WWTP - October 199 to December 2000

City of Simi Valley WWTP
January 2001 to present

4. Laboratory Technician - Ken Besnia

Certification: AWWA Water Quality Analyst Grade III Cert.
#00350
CWEA Laboratory Analyst Grade 2 #405

Education: Fitchburgh State College
B.S. in Biology

Experience: County of Ventura - Lab Assistant
January 1991 to May 1992

City of Simi Valley
May 1992 to present

5. Laboratory Technician - Gregorio Domingo

Certification: AWWA Water Quality Analyst Grade I Cert.
#00562

Education: Manuel L. Quezon University
B.S. Degree in Chemistry

Experience: U.S. Navy Public Work Center, Pearl Harbor,
Hawaii - Physical Science Technician
July 1979 to December 1992

Binictican Water Treatment Plant
Utilities Dept. SBMA, Philippines
Head of Physical Science
June 1992 to August 1994

City of Simi Valley
April 1995 to present

B. Responsibilities of Personnel

Laboratory Supervisor

Definition: Under general direction of the Sanitation Services Manager and Sanitation Plant Operations Manager, the Lab Supervisor is responsible for coordinating and supervising the ongoing operation of a state certified chemical and bacteriological laboratory for the purpose of meeting the Water Quality Control Plant's NPDES Discharge Requirements mandated by federal, state, and local regulatory agencies.

Example of Duties: The Laboratory Supervisor supervises the performance of lab personnel and performs all standard chemical, bacteriological and physical analysis as required. The Lab Supervisor plans, directs and assures the accuracy and completion of the work produced by lab personnel. The Lab Supervisor reviews activities of the laboratory for effectiveness, efficiency and compliance with regulatory rules and regulations.

The Supervisor maintains and implements an ongoing extensive Quality Assurance Program as specified by EPA, SWQCB, and State Health Department, including running of duplicates, spikes, percent recoveries, known reference samples, running standard curves, graphing and other types of statistical analysis. The position is responsible for all correspondence and contact with regulatory agencies, salesmen, repairmen, and public tours, etc. The Lab Supervisor prepares and submits budget recommendations for lab staffing, equipment, materials and supplies, and other necessary items. The Lab Supervisor maintains an adequate supply of chemicals and equipment to ensure the uninterrupted work of lab. The Lab Supervisor maintains detailed records, data books and prepares a variety of technical books and reports. The Lab Supervisor participates in lab personnel selection and evaluation of work performance when necessary. The Lab Supervisor trains new laboratory personnel in safe and proper techniques and procedures and performs related work as required.

Laboratory Chemist

Definition: The prime responsibilities of the City Chemist is to perform various skilled laboratory work including sampling and analysis of water, wastewater and industrial waste samples, set up new laboratory procedures and assure quality results, assist in the planning and coordination of the entire laboratory operation and help establish and evaluate objectives and goals; and conduct training of other laboratory personnel on wastewater analysis with emphasis on proper techniques and safety. The Chemist is in charge of the operation and maintenance of all laboratory equipment, record keeping, quality assurance program, and laboratory data entry into the computer.

Laboratory Technician

Definition: Under general supervision of the Laboratory Supervisor and the Lab Chemist, performs independent, skilled laboratory work including analysis of water, wastewater, sludge, industrial wastewater and receiving water and does related work as required. In the absence of the Lab Supervisor, he/she must be able to assume some of the duties of the Lab Supervisor.

Examples of Duties: Collects and analyze a variety of samples for standard routine chemical, bacteriological and physical analysis; maintains laboratory records including Quality Assurance information, sample logs, data books, and maintenance books; and assists the Lab Supervisor with reports. The Lab Technician prepares all standard solutions, reagents and media, equipment repairs; maintains and operates a variety of lab equipment; keeps laboratory and equipment clean; and performs other related duties as assigned.

II. RECORDS

- A. Data Accessibility — All relevant data including data sheets, monthly reports, log books and other data books are kept in the lab for a period of five years.
- B. Sample Logbooks and Worksheets — Logbooks are kept for entering the date, time, sample type, sample origin, sample collector, analyst and type of analysis required. A specific laboratory identification number is assigned to each sample that comes in.
- C. Data Work Books — All data generated by the lab is written in ink and is kept either in a bound notebook and/or on data worksheets. The data is reported on a monthly basis to the State for NPDES Discharge Requirements and is recorded in a bound master data notebook. All monthly analysis, municipal data, and river data are also recorded in bound data books.
- D. Graphs and Charts — Standard curves have been established for each analysis involving photometric determination. These curves are verified each time an analysis is performed by including at least two different standard concentrations in each run. All standard curves (new and old) are kept in the lab in a spiral notebook.
- E. Records for Media Preparation — Records for media preparation, as well as other Quality Assurance Data are kept in a Quality Assurance notebook. Entries include: date, analyst, type and strength of media prepared, dry weight of media, lot, control number, sterility check (five percent median incubated at $35^{\circ} \text{C} \pm$ for two days and checked for growth), and positive - negative check.
- F. Inventory Control — An adequate supply of chemicals and lab supplies is maintained at all times to ensure the uninterrupted work of the laboratory. The chemicals and lab supplies are inventoried annually. A record of the quantity of supplies purchased for the lab is maintained.

III. SAMPLING PROCEDURES

- A. Sample Location, Technique, Preservatives, and Bottles — All samples are collected, handled and preserved in accordance with Standard Methods for the Examination of Water and Wastewater, 18th Edition, A.P.H.A. Washington, D.C., (1975) [1980 and Methods for Chemical Analysis of Water and Wastes, Environmental Protection Agency, Washington, D.C. (1979)].

All samples are obtained to meet the requirements of the sampling program and are handled in such a way that it does not deteriorate or become contaminated before it reaches the laboratory. The samples are analyzed immediately upon receipt in the lab (when possible), since the shorter the time that elapses between collection of a sample and its analysis, the more reliable will be the analytical results. In the event analysis cannot be started immediately, EPA developed methods to preserve the sample are used.

The samples (influent, effluent) collected for tests required by our NPDES discharge requirements on a daily or monthly basis are time/or flow composited by a twenty-four hour automatic sampler with a refrigerated compartment. All other samples taken for discharge requirements, process control and industrial wastes are generally grab samples which are taken at specific times for predetermined sampling points and/or sample schedules posted in the lab.

IV. MEASUREMENTS AND ANALYSES

- A. Standard Procedures Followed — Standard procedures used in this laboratory for the analysis of water and wastewater are done in accordance with current EPA, Federal Register Guideline procedures or as specified in the monitoring program. Standard references most often used include:

Standard Methods for Examination of Water and Wastewater, APHA, AWWA, WPCF, 18th Edition.

Methods for Chemical Analysis of Water and Wastes, EPA 1983
Test Methods for Evaluations Solid Waste Physical/Chemical
Methods EPA 1982.

Annual Book of Standards, Part 31, ASTM, 1979

Other references used are available in the lab's main library. A working set of methods abstracted from the above references is also kept in the main library.

- B. Reagent, Standard and Media Preparation — As a minimum, all reagents used in the laboratory will be at least analytical reagent grade. Reagents of lesser purity than specified for the method are not used. Upon delivery of any chemical, it is checked immediately to see that it meets quality

assurance requirements. The container is marked (in ink) with the date of receipt and initialed by the checker.

Reagents and Standards are always prepared and standardized with the utmost of care and technique. Only distilled or deionized (good quality) water is used in their preparation. Only small amounts of reagents that have a short shelf life are prepared at any one time. They are restandardized or prepared fresh as often as required. Stock and working standard solutions are checked frequently for signs of deterioration, such as discoloration or precipitation. All solutions prepared in the lab are accurately labeled as to composition, concentration, date of preparation, and preparer. Commercially prepared reagents and standard solutions are used as long as they are checked for accuracy.

Primary standards are obtained from the National Bureau of Standards (NBS) whenever possible. Only reputable chemical supply houses are used as resources for supplies.

All other reagents, standards and media are prepared in accordance with Standard Methods, or the EPA Laboratory Manual. As reagents, standards, and media are prepared, they are recorded with all pertinent information in their respective sections of the Quality Assurance Book.

VI. INSTRUMENTS & EQUIPMENT

All instruments are standardized, calibrated and maintained in accordance with EPA guideline procedures for Quality Control and the instrument's manufacturer manuals. These manuals are kept on file and are made accessible to all laboratory personnel. In the event of instrument malfunction or breakdown, where laboratory personnel cannot find the source of the problem, the instrument is sent to the manufacturer or a reputable service company for repair.

- A. Personnel Training - Only laboratory personnel specifically trained to operate the instruments are authorized to do so.
- B. Maintenance Records - Records of calibration, maintenance, and servicing are kept in the Maintenance and Service Book.

A supply of bulbs, batteries, fuses and other essential replacement parts are kept in stock when possible.

- C. Thermometer Calibration - The laboratory thermometers used in the ovens and incubators are periodically checked against a National Bureau of Standards (NBS) Certified Thermometer. Calibration corrections are made and recorded in the Quality Assurance Book.
- D. Instrument Servicing, Calibration Standardization
 - 1. The **Analytical Balance** (Sartorius) is checked daily with known standard weights (mg and gm) and is calibrated and serviced

annually by a certified balance technician. Weights are recorded daily in the Quality Assurance Book. Service Information is logged in the Instrument Maintenance Book.

2. The **Triple Beam** (Ohaus) and **Toploading** (Sartorius) balances are kept clean and are periodically checked for accuracy.
3. The **Specific Ion Analyzer** (orion 901) is standardized daily with two buffers of different concentration (7 & 10). The buffers are changed every week or as needed.

Electrodes are kept clean and in good working order. Temperature and standardization information are recorded daily in the Quality Assurance Book.

4. The **Hach Turbidimeter** (Digital Turner Designs) is standardized daily with supplied turbidity standard. The standard is replaced annually or as needed. Standardization information recorded daily in the Quality Assurance Book.
5. The **Hach DR Spectrophotometer** (4000) is periodically checked with a spectro-checked set, which checks for straylight, calibration maximum absorbance and linearity. Blanks and Standards are run along with each analysis. Spectro-check information is recorded in the Instrument Maintenance Book.
6. The **Conductivity Meter** (Hach) is periodically standardized against a known standard sodium chloride solution. The conductivity of laboratory water is recorded daily in the Quality Assurance Book.
7. The **D.O. Meter** (YSI 5100 D.O. Meter) and oxygen electrode (Orion) are calibrated daily before use, in accordance with manufacturers instructions. Membranes and batteries are replaced as indicated by instrument performance. Calibration information is recorded daily in the Quality Assurance Book.
8. The **Microscope** (Microstar) and **Light Source** (American Optical) are serviced and cleaned as needed by a certified technician. Service information is logged in the Quality Assurance Book.
9. The **American Waterbaths** (VWR Scientific Model 1240 T) are cleaned and refilled with distilled or deionized water as needed. The various temperatures that correspond with different tests are noted and logged in the Quality Assurance Book.
10. The **Autoclave** (Market Forge Sterilmatic) is kept clean and is checked periodically for proper function. Three types of indicators are used to ensure adequate sterilization conditions. Including time, temperature and pressure: Diack Control, Sterilometer strips and

Kilit ampules. Autoclave checks are recorded in the Quality Assurance Book, with each use.

11. The **Dishwasher** (Labconco) is checked on a regular basis to ensure proper cleaning is taking place.
12. The **Drying Oven** (Precision Scientific, Model 26) is periodically cleaned and kept at a constant temperature of $180 \pm 2^{\circ}\text{C}$. Temperature is recorded in the Quality Assurance Book, when the oven is used.
13. The **Drying Oven** (Blue M - Stabil-Therm) is periodically cleaned and kept at a constant temperature of $103^{\circ} - 105^{\circ}\text{C}$. The temperature is recorded twice daily (morning and evening) in the Quality Assurance Book.
14. The **Muffle Furnace** (Thermolyne 30400 Furnace) is periodically cleaned and is kept at a constant temperature of $550 \pm 50^{\circ}\text{C}$. The temperature is recorded in the Quality Assurance Book when the furnace is used.
15. The **BOD Incubator** (Westinghouse) with **Incutrol/2** (Hach) is periodically cleaned and kept at a constant temperature of $20^{\circ} \pm 1^{\circ}\text{C}$. The temperature is recorded twice daily in the Quality Assurance Book.
16. The **Bacteria Incubator** (Precision Scientific, Model 2 and 4) are periodically cleaned and kept at a constant temperature of $35^{\circ} \pm 0.5^{\circ}\text{C}$. Occasionally, Model 2 is used at other temperatures. Temperatures are recorded twice daily in the Quality Assurance Book.
17. The **Refrigerators** (Fischer Scientific) and (Labline explosive proof) are periodically cleaned and are kept at a constant temperature of $4^{\circ} - 5^{\circ}\text{C}$. Temperatures are recorded twice daily in the Quality Assurance Book.
18. The **Quebec Colony Counter** (American Optical) is used for testing and counting bacterial populations.
19. The **Bacti-Cinerator II** (S/P) is used for sterilizing transfer loops for bacterial analysis.
20. The **COD Reactor** (Hach) is used for the COD test.
21. The **Equipment Calculator** (Hewlett Packard, Casio and Texas Instrument) is used to make analytical calculations.
22. The **Distillation Apparatus** is used for various applications.

23. The **Ammonia Distillation Apparatus** (Lab Con Co) is used for ammonia testing.
24. **Equipment Samplers** are used for collecting samples.
25. The **Atomic Absorption Spectrophotometer** (Instrumentation Laboratory) is a sophisticated, highly technical instrument used for metal analysis.
26. **Commercial Blender** (Waring).
27. **Ultrasonic Cleaner** (L& R Co., T-21 B).
28. **Electrophotometer II** (Fischer).
29. **HACH DR/2000 Spectrophotometer**
30. **HACH DR/3000 Spectrophotometer**
31. **Atomic Vapor Accessory Hydride Generator** (Thermo Jarrell Ash).
32. **755 Controlled Temperature Atomizer**
33. **Deuterium Arc - Background Corrector.**

E. Equipment - Containers & Glassware - All equipment, containers, and glassware are checked periodically for chipped or broken edges or deformities and are discarded if deemed unsafe or unrepairable.

Glassware used for lab purposes is generally of borosilicate glass. For special purposes, other materials may be used such as stainless steel, porcelain, nickel, plastic, etc. Stoppers, caps and plugs are chosen for their resistance to the attack of material contained in the vessel. Teflon stopcocks are used exclusively in Burets and separatory funnels.

Polyethylene and polypropylene containers are used for sampling to reduce breakage. All volumetric glassware (burettes, volumetric flasks, pipets) are "Class A" Quality.

VII. QUALITY ASSURANCE PROCEDURES AND STATISTICS

Each lab analyst is expected to continuously review his data, evaluate his own technique and in general be thoroughly familiar with the Quality Assurance Methods used.

Quality Assurance programs have two primary functions in the laboratory. First, the program should continually monitor the reliability (accuracy and precision) of the results reported; for example, they should continually provide answers to the question "How good (accurate and precise) are the results obtained?" This function

is the determination of quality. The second function is the control of quality to meet the program requirements for reliability. As an example of the distinction between the two functions, the processing of spiked samples may be a determination of measurement quality, but the use of analytical grade reagents is also a control measure.

The Simi Valley Water Quality Control Plant Laboratory practices and performs the following Quality Assurance procedures and statistics:

A. Precision - Precision refers to the reproducibility of analytical results when it is repeated on a homogeneous sample under controlled conditions, regardless of whether or not observed values are widely displaced from the true value as a result of systematic or constant errors present throughout the measures. The calculations used to test for precision by this lab are a modified Shewhart technique and are as follows:

1. Standard deviation from pairs of duplicate measurements:

$$S = \sqrt{\sum d^2 / 2n}$$

2. Standard deviation from many measurements on one sample:

$$S = \sqrt{\frac{\sum (\bar{x}_i - \bar{x})^2}{N - 1}}$$

3. Mean or average:

$$\bar{x} = \frac{\sum (x_i)}{N}$$

4. Range or difference between two numbers:

$$R = X_1 - X_2$$

Key Symbols

\bar{x} = Mean or Average	$d = d_1 - d_2$ the diff. in conc. of the two measurements
S = Std. deviation	n = Number of duplicate measurements
R = Range	N = Number of measurements
\sum = Summation	X_i = Values of individual measurements
X_1 = Value of sample number 1	X_2 = Value of sample number 2

5. The standard deviation of range = S_R

$$S_R = \sqrt{\frac{\sum Ri^2 - (\sum Ri)^2 / N}{N - 1}}$$

$$\bar{R} = \sum Ri / N$$

$$UCL = \bar{R} * D_4$$

$$UWL = \bar{R} + 2/3 R (D4 - 1)$$

$$LWL = \bar{R} * D3$$

Key to Symbols

S_R = Standard Deviation of Range

R_i = Range Difference between X_1, X_2

N = Number of measurement

$D_4 = 3,27$ (Constant factor for computing control chart lines for 2 samples)

$D_3 = 0$ (Constant factor for computing control chart lines for 2 samples)

R = Mean of Range

- D. Accuracy - Accuracy refers to the agreement between the amount of the constituent measured by the test method and the amount actually present. Accuracy determinations are accomplished by first running an analysis on a sample and recording the results, then a small amount of (due to sample proportions) standard solution is added to the same amount of sample, and the test is repeated. The original sample analysis is assumed to be correct if the amount found in the test is equal to that of the original value of the known added "spike". This procedure is known as "Spiking", "Known Addition" or "Standard Addition". The calculation used in conjunction with this procedure is the percent recovery calculation. If recoveries are low or out of limits, then analysis is to be investigated immediately.

The percent recovery calculation is as follows:

$$\% \text{ Recovery} = \left(\frac{S_2}{S_1 + S_2} \right) \times 100$$

Key to Symbols

S = Concentration of spiked sample
S₁ = Concentration of unspiked sample
S₂ = Concentrations of spike added to sample

- C. Duplications - Duplications are performed routinely (weekly and monthly) on most monthly analyses for discharge requirements and some for process control. Duplications done on weekly basis include chlorine residual and suspended solids. The total coliform test is duplicated every week. Monthly duplications include Boron, Chloride, Fluoride, Nitrate-N, Nitrite-N, Sulfate, Total Dissolved Solids, Total Solids, Volatile Total Solids, Volatile Suspended Solids, Volatile Acids, Alkalinity and Chlorine Residual on River sample. As a check, a percent difference calculation is run on the duplicate samples. Percent difference calculation is as follows:

$$\% \text{ difference} = \frac{(A - B) \times 100}{RX}$$

Key to Symbols

A = Result from sample #1
B = Result from Sample #2
X = average of two numbers

- D. Graphing - Quality control charts are prepared from precision data.
- E. Performance Evaluations - Participation in EPA and State Department of Health performance evaluations.
- F. Standards - Standards are consistently used for all analyses as required. Standard curves are kept for each photometric determination including Boron, Chloride, Nitrate-N, Nitrite-N, Fluoride and Sulfate. These curves are verified each time analyses are performed, by including at least two different Standard concentrations with each run.
- G. Reagent and Solvent Blanks - Reagent and solvent blanks are consistently used for all analyses, in an effort to determine possible interferences from that reagent or solvent.
- H. Reference Samples - Known reference samples from outside sources, such as EPA Quality Control check samples and commercially prepared Alpha Associates solution, etc., are used periodically as analyst and method checks.
- I. BOD - A glucose glutamic acid check for BOD is run once a week to verify presence of toxic substances and for the use of poor seeding.

- J. COD - A potassium acid phthalate check for COD will be run periodically to verify technic and quality of reagents.
- K. Total Coliform - Completed test is done on 100% of positive confirmed samples for Total Coliform test.

All of the proceeding statistical performance data is kept and logged (in ink) in the appropriate sample data books and/or in spiral notebooks. No erasures or white-outs shall be made in these sample data books. In the case of an error, draw a line through the error (do not completely obliterate the error) and enter the correct data.

CALIFORNIA STATE WATER RESOURCES CONTROL BOARD

CITY OF SIMI VALLEY
SANITATION DIVISION

(OPERATING PERSONNEL 2000 CERTIFICATION LEVEL)

Sanitation Services Manager Operator V.....Jim Buell
Sanitation Plant Operations Manager Operator V Robert Hensley
Sanitation Plant Operator IV Don Weidner
Sanitation Plant Operator III..... Paul Henke
Sanitation Plant Operator III.....David Borunda
Sanitation Plant Operator III..... Steve Doukas
Sanitation Plant Operator III..... Glen Devoe
Sanitation Plant Operator II.....John Vallieres
Sanitation Plant Operator II.....James Paredes
Sanitation Plant Operator II.....Jeff Haptonstal
Sanitation Plant Operator II..... Bruce Campbell
Sanitation Plant Operator II.....Melvin Lamphar
Sanitation Plant Operator II..... Robert Scott
Sanitation Plant Operator II..... Cary Adams
Sanitation Plant Operator I..... Tom Ballard
Sanitation Plant Operator I..... Jesse Delgado
Sanitation Plant Operator I..... Ronald Montrose
Sanitation Plant Operator in Training David Rich
Sanitation Plant Operator in Training Greg Perez

SUMMARY

During 2000, Simi Valley's Water Quality Control Plant (WQCP) remained in substantial compliance with discharge requirements contained in its NPDES Permit No. CA0055221, with no reportable violations for the year. The consistently low monthly values of Biochemical Oxygen Demand (BOD) and Total Suspended Solids (TSS) at an overall 99 percent annual removal efficiency for each, and monthly < 2 MPN Coliform in the Discharged final effluent, are supportive data of strong baseline indications in protecting the receiving waters and public health and safety.

The high overall removal efficiency for BOD and TSS in 2000, were due to the continued refinement in operational strategy utilizing the plant Supervisory Control and Data Acquisition System (SCADA). In 1997, a direct relationship was found between the health of the microorganism community under aeration, with water temperature, alkalinity, and Mixed Liquor Suspended Solids (MLSS). In 2000, the key continues to be trend charting these relationships over 24 hour periods, and then adjusting them to maintain a desired protozoan population. Two key assumptions have been made. As water temperature goes down, MLSS is increased about 200 mg/L for every degree in temperature drop. The other is to keep the secondary treatment process as close to nitrification as possible without actually nitrifying. Control is established by keeping the alkalinity level between 200-220 mg/L. A lower alkalinity level increases nitrification while a higher level decreases it. The Waste Activated Sludge (WAS) process controls both MLSS and alkalinity parameters by setting the wasting rate in 24-hour periods. Where plant operations relied on daily lab data for MLSS concentration in the past, on line strip chart monitoring and trending has been more accurately utilized since 1998. A Zellweger Analytics probe transmits MLSS data continuously to the SCADA system which provides continuous information for adjusting the wasting rate based on the up or down trends of the MLSS temperature and alkalinity.

Plant operational staff began pilot testing a supplemental aeration design in two secondary treatment Rotating Biological Contactors (RBC's) late in 2000. It is expected that biological growth on the contactors will retain aerobic characteristics and substantially reduce anaerobic sloughing entering the activated sludge process. By reducing the anaerobic suspended or colloidal loadings to the activated sludge process, staff believes added control of the secondary treatment system can be achieved, thereby giving plant operations more flexibility and assurance that there are adequate margins for safety and high efficiency in the process.



City of Simi Valley

Water Quality Control Plant
Annual Report 2001

CITY OF SIMI VALLEY

Water Quality Control Plant

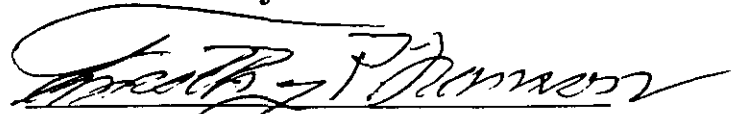
NPDES NO. CA0055221

2001 ANNUAL REPORT

City Council

Mayor	- Bill Davis
Mayor Pro Tem	- Glen T. Becerra
Council Member	- Barbra Williamson
Council Member	- Paul Miller
Council Member	- Steven T. Sojka
City Manager	- Mike Sedell
City Attorney	- David H. Hirsch
Dep. Dir./Dist. Engineer	- Michael Kleinbrodt
Dep. Dir./Sanitation Svcs.	- Jim Buell

Submitted By:



Timothy P. Nanson, Director
Department of Public Works

INTRODUCTION

The 2001 Calendar Year tabular and graphical representations for the City of Simi Valley Water Quality Control Plant are enclosed within. These parameter controls are in keeping with NPDES Permit No. CA0055221.

City of Simi Valley Water Quality Control Environmental Testing Laboratory is approved and registered with the State Department of Public Health Services, the Sanitation and Radiation Laboratory at Berkeley, the Regional Water Quality Control Board, and the Environmental Protection Agency. The Environmental Laboratory Accreditation Program (ELAP), administered by the State Department of Health Services, annually certifies the City to perform the following fields of testing:

Field of Testing 1: Microbiology of Drinking Water — Total and Fecal E. coli, Coliform by Multiple Tube Fermentation, Total and E. coli Coliform by MMO - MUG techniques Heterotrophic Plate Count. Microbiology of Wastewater — Total Coliform by Multiple Tube Fermentation, and Fecal/E. coli by Multiple Tube Fermentation.

Field of Testing 2: Inorganic Chemistry and Physical Properties of Drinking Water — Alkalinity, Calcium, Chloride, Fluoride, Hardness, Magnesium, MBAS, Nitrate, Nitrite, Sodium, Sulfate, Total Filterable Residue, Conductivity, Phosphate, and Cyanide.

Field of Testing 16: Wastewater Inorganic Chemistry, Nutrients, and Demands Acidity, Alkalinity, Ammonia, Biochemical Oxygen Demand, Boron, Calcium, Chemical Oxygen Demand, Chloride, Chlorine Residual, Cyanide, Fluoride, Hardness, Kjeldahl Nitrogen, Magnesium, Nitrate, Nitrite, Oil and Grease, Dissolved Oxygen, pH, Phenols, Orthophosphate, Total Phosphorus, Total Residue, Filterable Residue, Non-Filterable Residue, Settleable Residue, Volatile Residue, Sodium, Specific Conductance, Sulfate, Sulfide, Surfactants, Turbidity.

Field of Testing 17: Analysis of Toxic Chemical Elements In Wastewater Aluminum, Antimony, Barium, Beryllium, Cadmium, Chromium VI, Chromium Total, Cobalt, Copper, Iron, Lead, Manganese, Molybdenum, Nickel, Selenium, Silver, Thallium, Vanadium and Zinc.

Field of Testing 18: Organic Chemistry of Wastewater (by GC/MS Combination), EPA Method 624 Volatile Organics, and EPA Method 625.

All other analyses were performed by an outside laboratory certified for such analyses by the Department of Health Services and in accordance with EPA guidelines and procedures.

During the year, outside laboratories performed analyses for the City for which the City's laboratory was not set up to perform. These participating laboratories were:

Aquatic Bioassay Laboratory, Ventura, California
Del Mar Analytical Laboratory, Van Nuys, California
WECK Laboratories, Inc. City of Industry, California
Montgomery Watson Laboratories, Pasadena, California

KEY

In this report the following symbols are used:

A (<) sign in a table denotes "less than".

A (>) sign denotes "greater than".

A (> =) signs denotes "greater than or equal to".

A (*) indicates "see summary" for an explanation.

A (V) denotes "in-house variable"

TABLE OF CONTENTS

<u>SUBJECT</u>	<u>PAGE</u>
INTRODUCTION	i
KEY	ii
TABLE OF CONTENTS	iii
TABLE OF CONTENTS cont'd	iv
SUMMARY DATA TABLE	1
MONTHLY AVERAGES OF INFLUENT FLOW FOR 2001	2
MONTHLY AVERAGES OF PEAK INFLUENT FLOW FOR 2001	4
MONTHLY AVERAGES OF DAILY INFLUENT MONITORING FOR 2001	
Biochemical Oxygen Demand	6
Suspended Solids	8
MONTHLY AVERAGES EFFLUENT 2001	
Million Gallons Per Day	10
Biochemical Oxygen Demand	12
Suspended Solids	14
Chlorine Residual	16
Turbidity	18
Coliform Group	20
Grease and Oil	22
pH	24
Settleable Solids	26
Temperature	28
Ammonia Nitrogen	30
Total Nitrogen	32
Organic Nitrogen	34
Bioassay	36
Chronic Toxicity	38
Boron	40
Chlorides	42
Fluoride	44
Combined Nitrate-Nitrogen & Nitrite Nitrogen	46
Sulfates	48
Total Dissolves Solids	50
HAULING REPORT SUMMARY	
Solid Waste Hauled to Simi Valley Landfill	52
Solid Waste Hauled to Buttonwillow Land & Cattle Company	54
RECEIVING WATER CONSTITUENTS FOR 2001	
Flow in CFS	56
Temperature °F	58
pH	60
Biochemical Oxygen Demand	62
Dissolved Oxygen	64
Chloride	66
Turbidity	68
Chlorine	70
Most Probable Number	72
Settleable Solids	74
Nitrate Nitrogen	76
Nitrite Nitrogen	78

TABLE OF CONTENTS (cont'd)

<u>SUBJECT</u>	<u>PAGE</u>
RECEIVING WATER CONSTITUENTS FOR 2001 (cont'd)	
Ammonia Nitrogen	80
Organic Nitrogen	82
Total Nitrogen	84
Total Surfactants	86
Total Phosphates	88
Suspended Solids	90
Total Dissolves Solids	92
Oil and Grease	94
Sulfate	96
Boron	98
Hardness	100
Chronic Toxicity	102
MONTHLY AVERAGES OF DAILY TEMPERATURES AND PRECIPITATION FOR 2001	104
FEBRUARY—SEMI-ANNUAL TESTING	
Arsenic, Cadmium, Chromium, Nickel, Copper, Lead, Zinc, Chlorinated Pesticides, N and P Pesticides, BNA, Total Petroleum Hydrocarbon	106
ATTACHMENT 1 - W-12.....	107
ATTACHMENT 2 - W-11.....	108
ATTACHMENT 3 - W-10.....	109
ATTACHMENT 4 - QA/QC REPORT	110
AUGUST—SEMI-ANNUAL TESTING	
Arsenic, Cadmium, Chromium, Nickel, Copper, Lead, Zinc, Chlorinated Pesticides, N and P Pesticides, BNA, Total Petroleum Hydrocarbon	111
ATTACHMENT 1 - W-12.....	112
ATTACHMENT 2 - W-11.....	113
ATTACHMENT 3 - W-10.....	114
ATTACHMENT 4 - QA/QC REPORT	115
ANALYTICAL QUALITY ASSURANCE PROGRAM ORGANIZATION	116
CITY OF SIMI VALLEY, SANITATION DIVISION	
OPERATING PERSONNEL 2001	130
SUMMARY	131

**SUMMARY DATA TABLE
 VIOLATIONS OF EFFLUENT DISCHARGE REQUIREMENTS**

REQUIREMENT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
<u>EFFLUENT LIMITATION</u> Sulfate not to exceed 250 mg/L	--	--	1	--	--	--	--	--	--	--	--	--	1
TOTAL			1										1

MONTHLY AVERAGES OF INFLUENT FLOW FOR 2001

Million Gallons per Day (MGD)

<u>Month</u>	<u>MGD</u>
January	9.5
February	10.0
March	10.3
April	9.7
May	9.6
June	9.2
July	8.9
August	8.8
September	8.8
October	9.0
November	9.3
December	9.3
Average	9.4
W.Q.C.B. Design (ADWF)	12.5

Monthly Averages Of Influent Flow MGD

2001 - V1



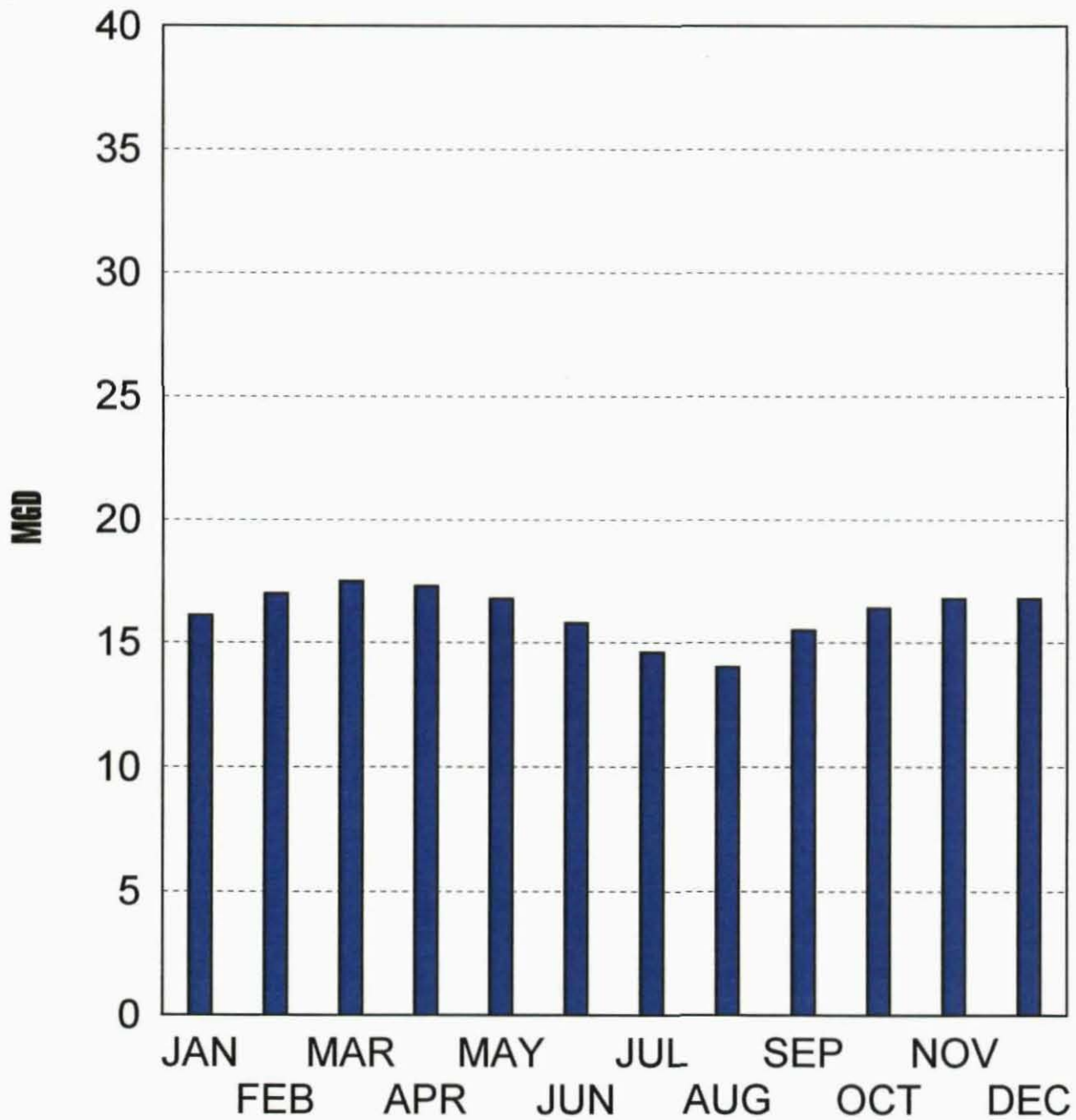
MONTHLY AVERAGES OF PEAK FLOW FOR 2001

Million Gallons per Day

<u>Month</u>	<u>MGD</u>
January	16.1
February	17.0
March	17.5
April	17.3
May	16.8
June	15.8
July	14.6
August	14.0
September	15.5
October	16.4
November	16.8
December	16.8
Average	16.2
W.Q.C.B. Limit	No Limit

Peak Influent Flow MGD

2001 - V119



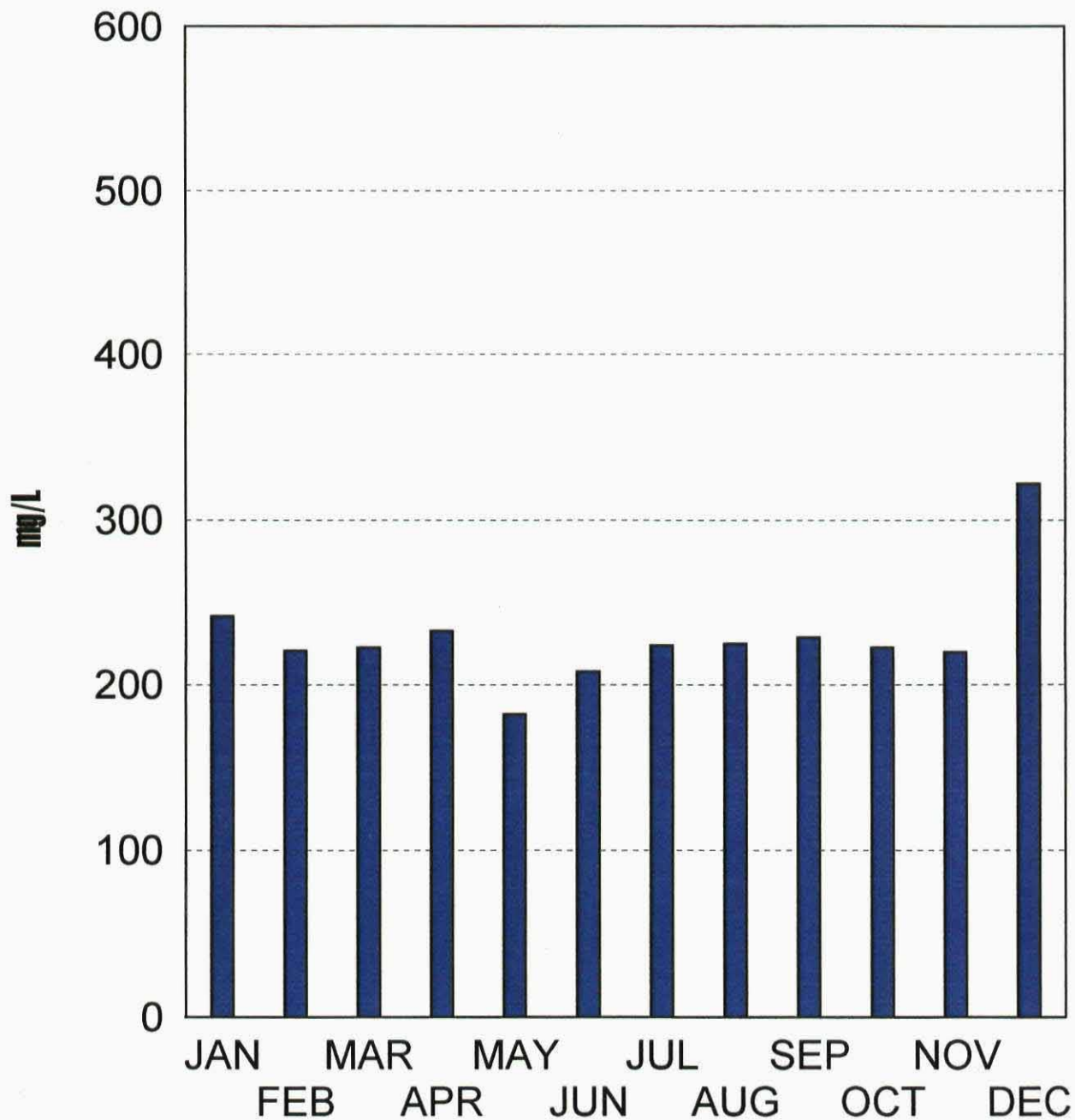
MONTHLY AVERAGES OF DAILY INFLUENT
MONITORING FOR 2001

Biochemical Oxygen Demand (BOD)

<u>Month</u>	<u>mg/L</u>	<u>lbs/Day</u>
January	242	19193
February	221	18267
March	223	19154
April	233	18954
May	182	14630
June	208	15851
July	224	16655
August	225	16497
September	229	16731
October	223	16767
November	220	17026
December	322	24817
Average	229	17886
W.Q.C.B. Limit	No Limit	No Limit

Monthly Averages Of Influent BOD

2001 - V307



MONTHLY AVERAGES OF DAILY INFLUENT
MONITORING FOR 2001

Suspended Solids

<u>Month</u>	<u>mg/L</u>	<u>lbs/Day</u>
January	219	17324
February	220	18219
March	215	18377
April	221	17983
May	197	15878
June	220	16847
July	220	16376
August	214	15733
September	251	18364
October	262	19722
November	264	20535
December	339	26264
Average	237	18476
W.Q.C.B. Limit	No Limit	No Limit

Averages Of Influent Suspended Solids

2001- V195



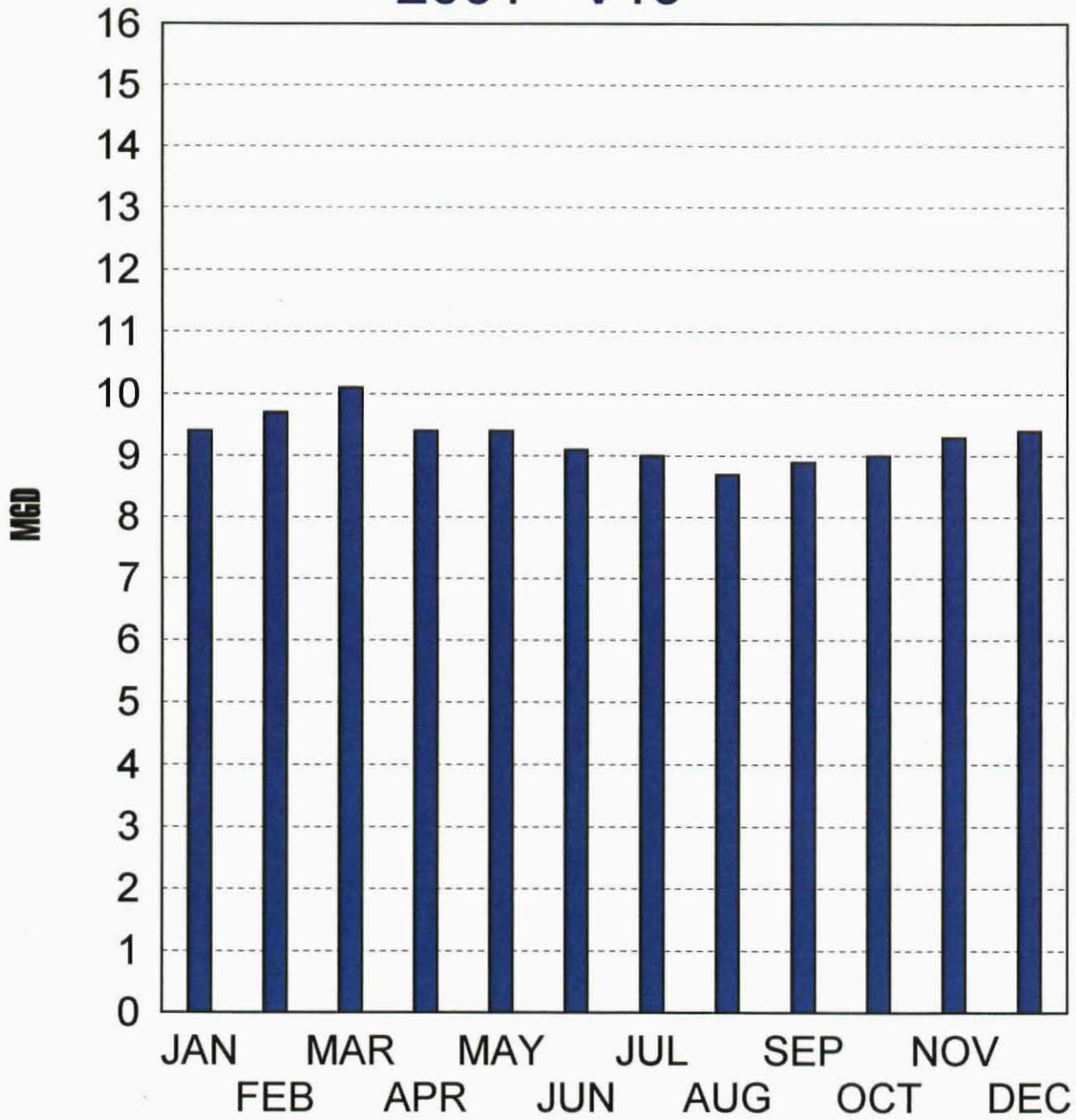
MONTHLY AVERAGES OF EFFLUENT FLOW FOR 2001

Million Gallons per Day

<u>Month</u>	<u>MGD</u>
January	9.4
February	9.7
March	10.1
April	9.4
May	9.4
June	9.1
July	9.0
August	8.7
September	8.9
October	9.0
November	9.3
December	9.4
Average	9.3
W.Q.C.B. Limit	No Limit

Monthly Averages Of Effluent Flow MGD

2001 - V10



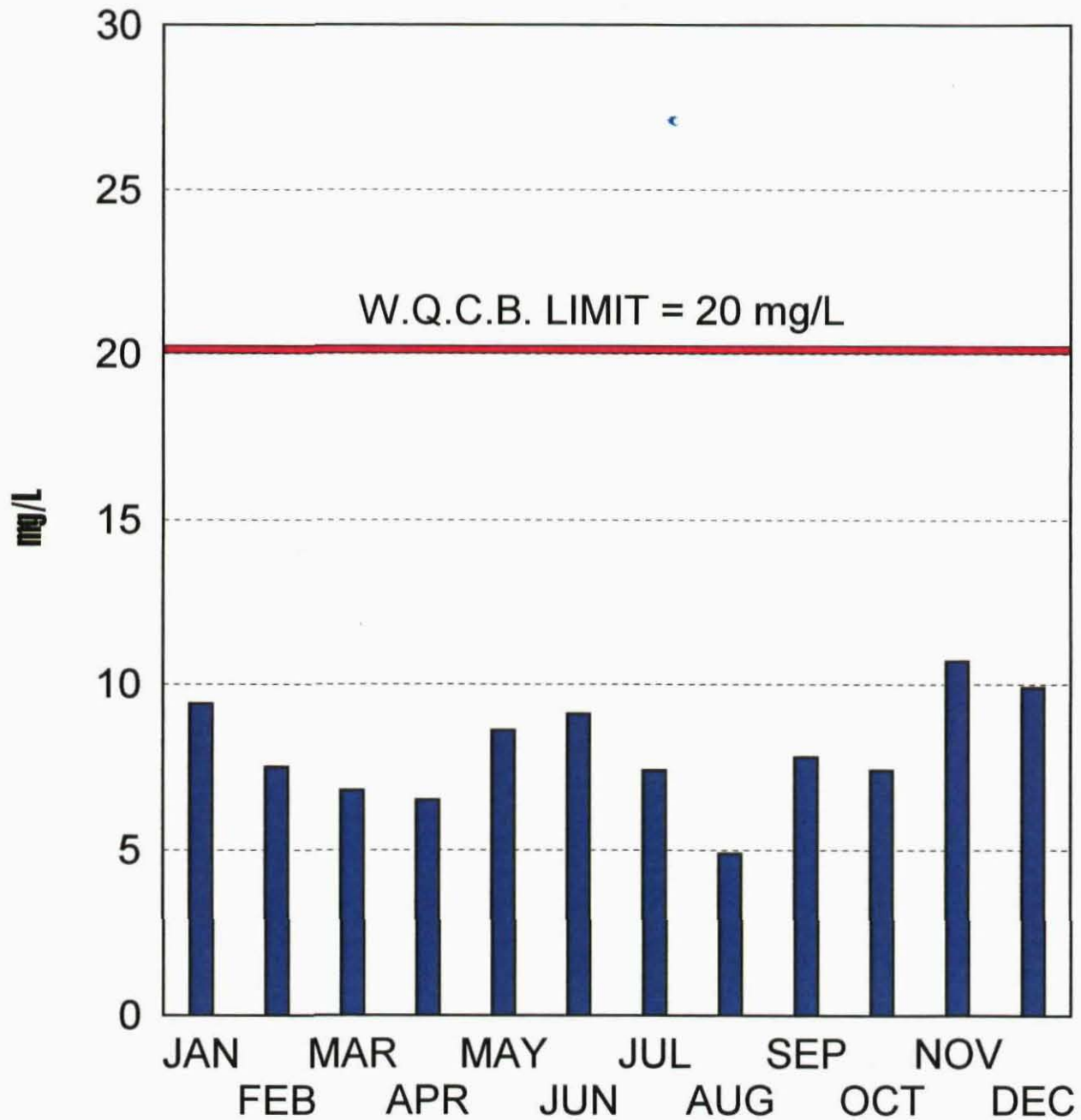
MONTHLY AVERAGES OF EFFLUENT MONITORING FOR 2001

Biochemical Oxygen Demand

<u>Month</u>	<u>mg/L</u>	<u>lbs/day</u>	<u>7 Day Average mg/L</u>	<u>7 Day Average lbs/day</u>
January	9.4	731	9.0	701
February	7.5	611	7.7	614
March	6.8	575	6.9	589
April	6.5	512	6.5	513
May	8.6	675	8.5	668
June	9.1	693	9.0	686
July	7.4	556	7.7	574
August	4.9	355	4.7	346
September	7.8	577	7.8	579
October	7.4	560	7.5	563
November	10.7	829	10.1	785
December	9.9	771	10.0	782
Average	8.0	620	8.0	617
W.Q.C.B. Limit	20	2085	30	3130

Monthly Averages Of Daily Effluent BOD

2001 - V311



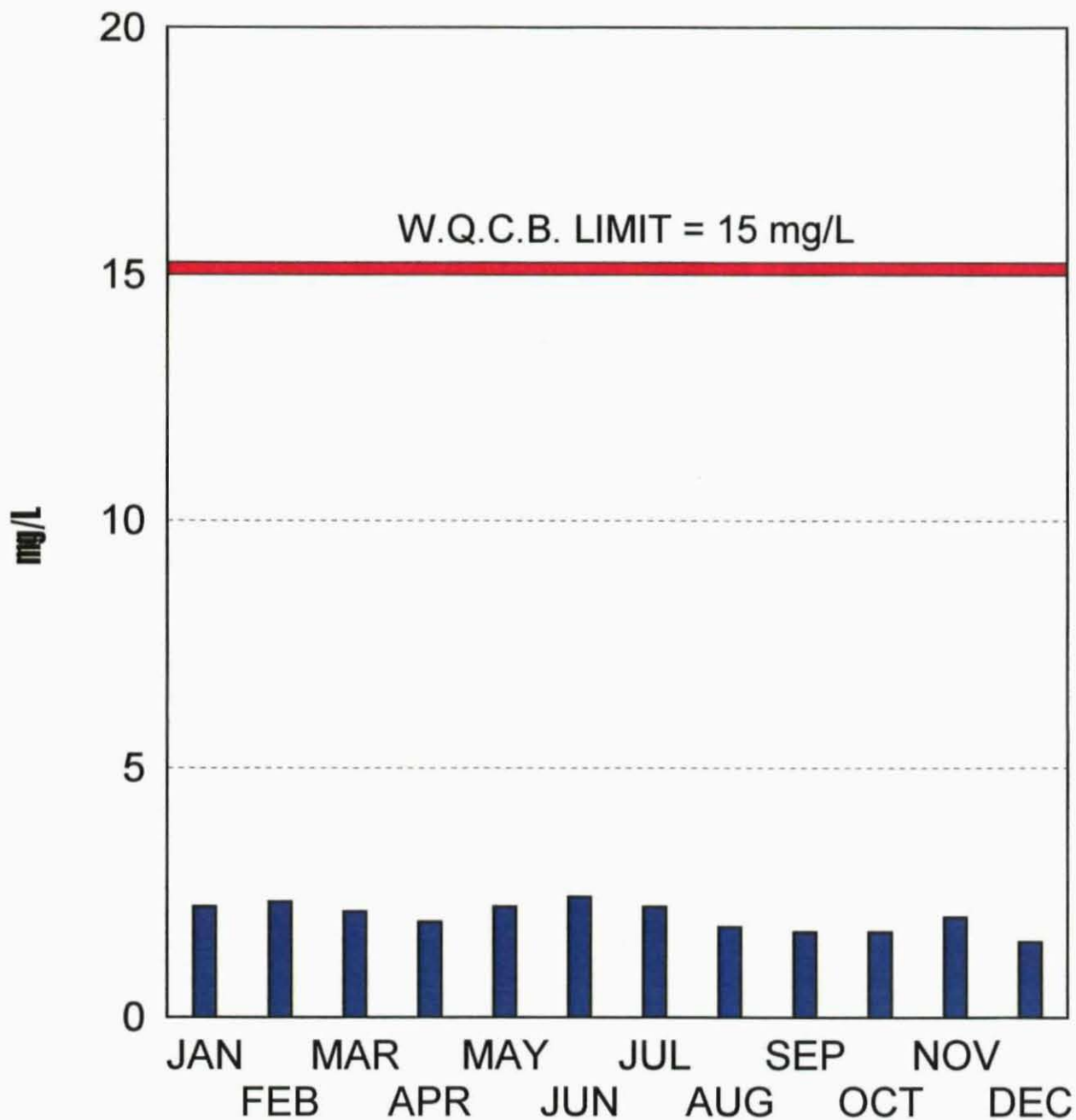
MONTHLY AVERAGES OF EFFLUENT MONITORING FOR 2001

Suspended Solids

<u>Month</u>	<u>mg/L</u>	<u>lbs/day</u>	<u>7 Day Average mg/L</u>	<u>7 Day Average lbs/day</u>
January	2.2	172	2.2	168
February	2.3	183	2.3	183
March	2.1	183	2.2	189
April	1.9	151	1.9	150
May	2.2	170	2.1	167
June	2.4	183	2.3	178
July	2.2	169	2.3	176
August	1.8	134	1.8	134
September	1.7	126	1.8	131
October	1.7	131	1.7	126
November	2.0	154	2.0	156
December	1.5	116	1.6	125
Average	2.0	156	2.0	157
W.Q.C.B. Limit	15	1560	40	4690

Averages Of Effluent Suspended Solids

2001 - V202



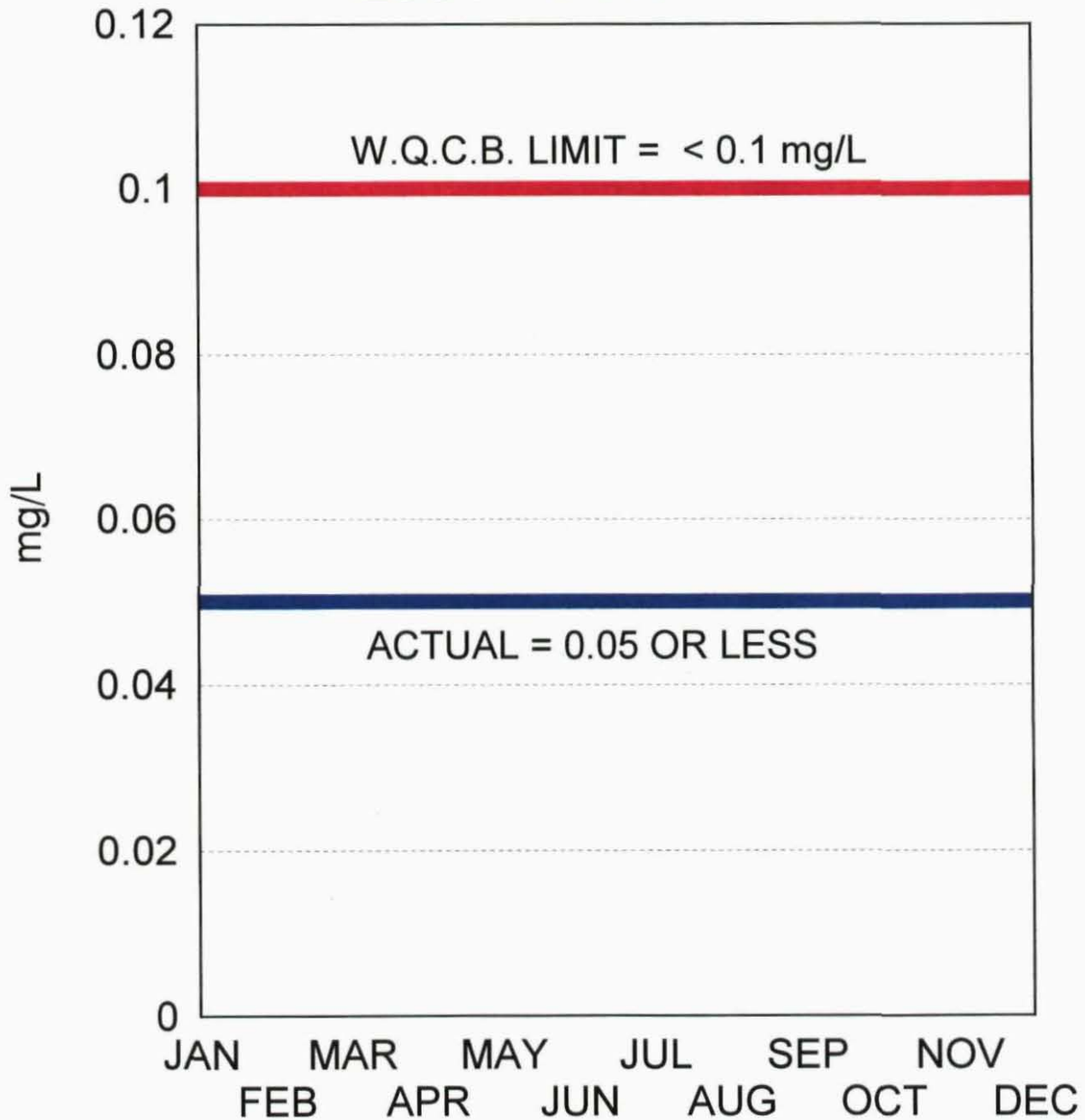
MONTHLY MAXIMUM EFFLUENT STRIP CHART
MONITORING FOR 2001

Chlorine Residual - mg/L

<u>Month</u>	<u>mg/L</u>
January	<0.1
February	<0.1
March	<0.1
April	<0.1
May	<0.1
June	<0.1
July	<0.1
August	<0.1
September	<0.1
October	<0.1
November	<0.1
December	<0.1
Average	<0.1
W.Q.C.B. Limit	0.1

Maximum Effluent Chlorine Residual

2001 - V117

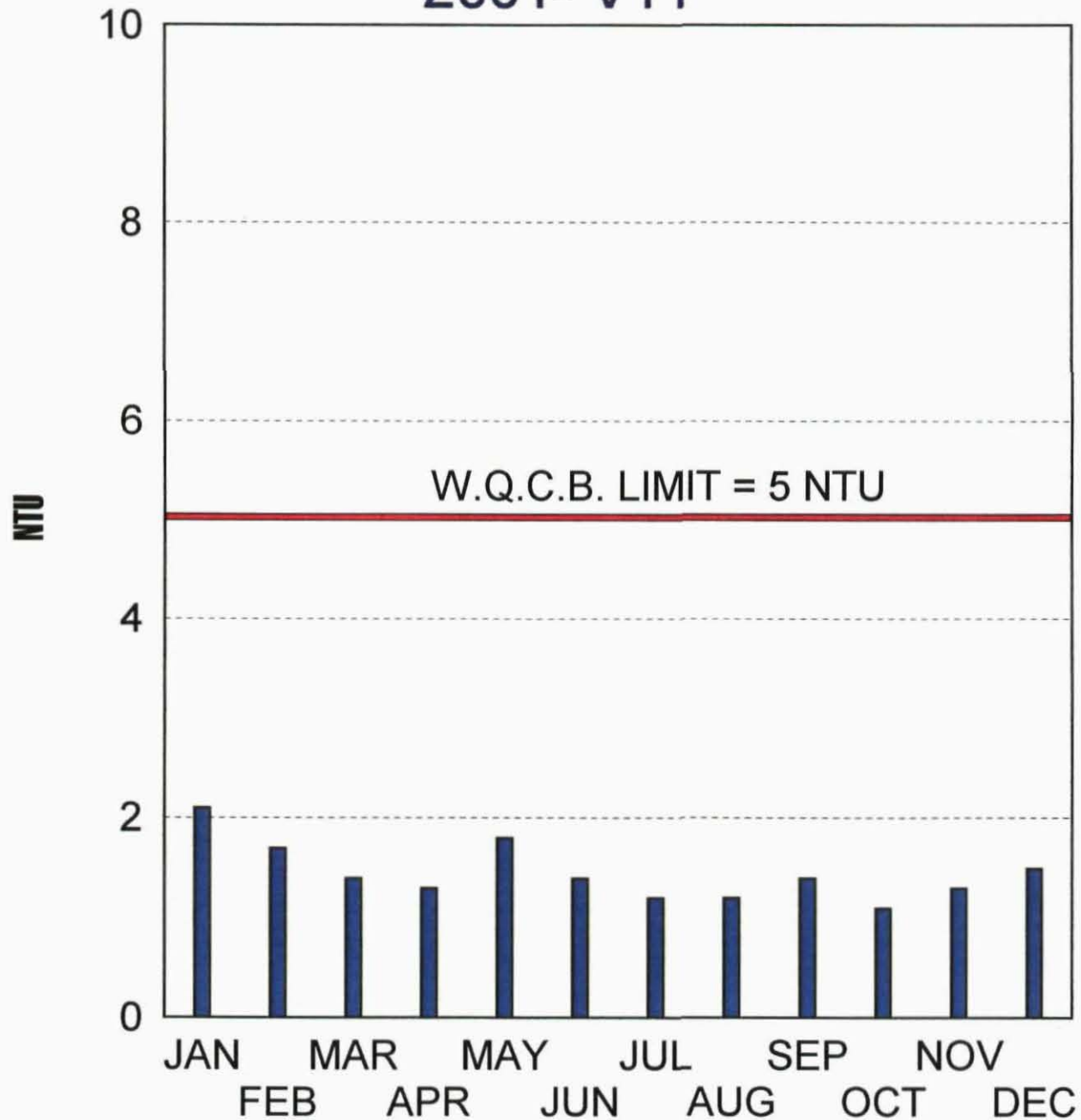


MONTHLY AVERAGES OF DAILY STRIP CHART
MONITORING 2001

Turbidity

<u>Month</u>	<u>NTU</u>
January	2
February	2
March	1
April	1
May	2
June	1
July	1
August	1
September	1
October	1
November	1
December	2
Average	1
W.Q.C.B. Limit	5.0

Averages Of Effluent Turbidity 2001- V11



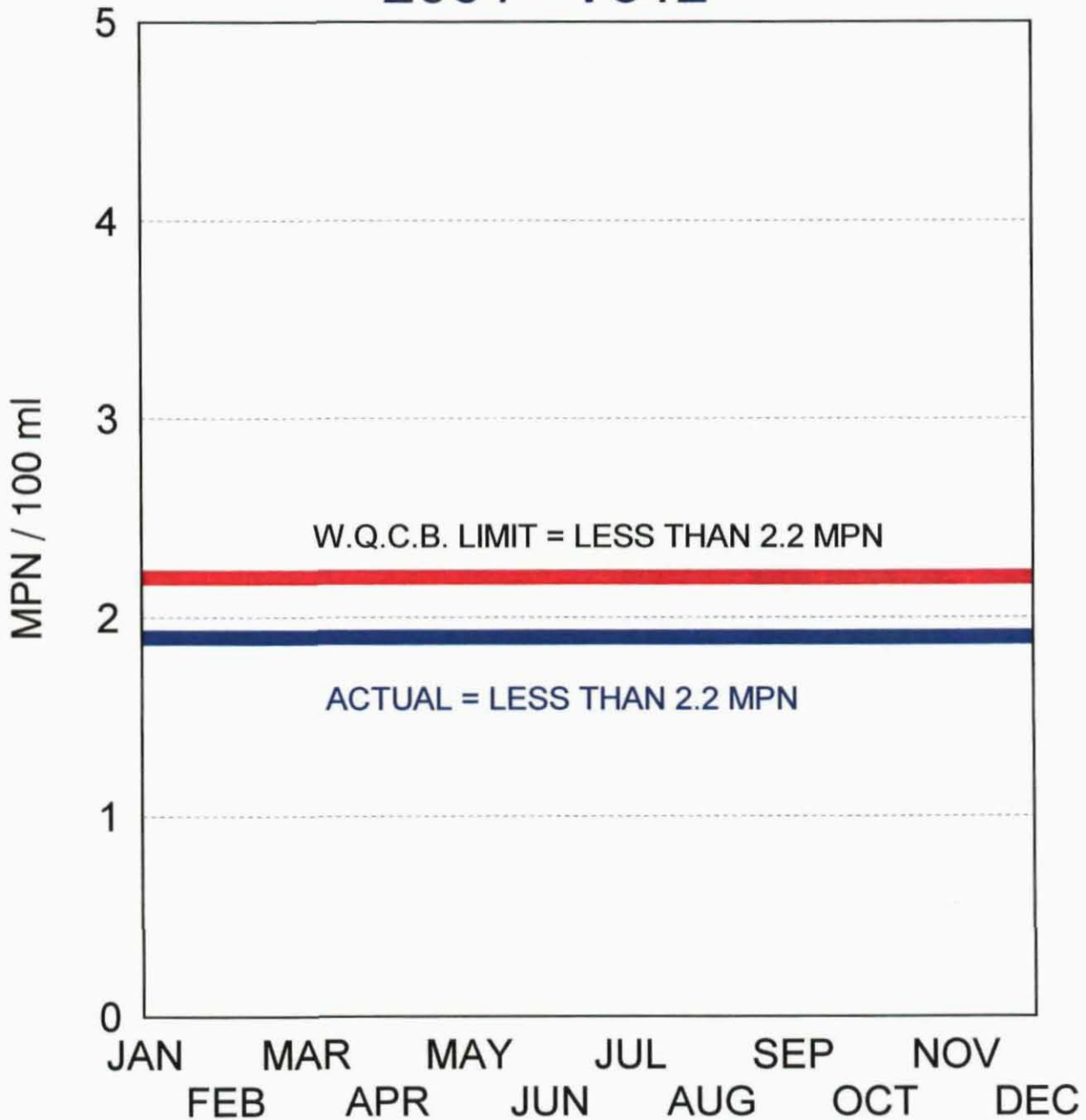
MONTHLY MEDIAN OF DAILY EFFLUENT
MONITORING FOR 2001

Coliform Group

<u>Month</u>	<u>MPN/100 ml</u>
January	<2
February	<2
March	<2
April	<2
May	<2
June	<2
July	<2
August	<2
September	<2
October	<2
November	<2
December	<2
7 Day Median Average	<2
W.Q.C.B. Limit	2.2

Median Of Effluent Coliform Group

2001 - V312



MONTHLY AVERAGES OF WEEKLY EFFLUENT
MONITORING FOR 2001

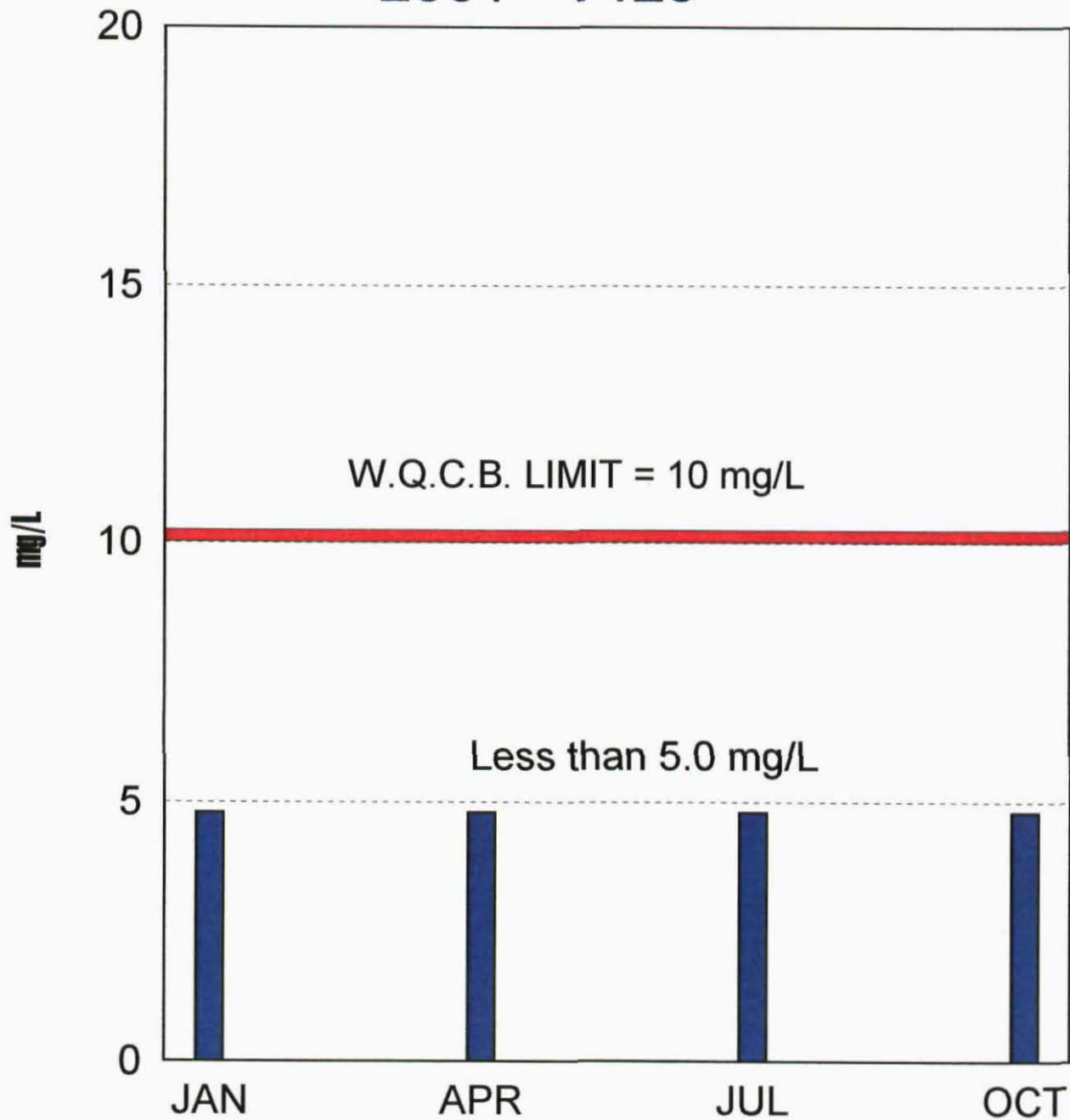
Grease and Oil (mg/L)

<u>Month</u>	<u>mg/L</u>	<u>lbs/day</u>
February	<5	N/A*
May	<5	N/A*
August	<5	N/A*
December	<5	N/A*
Average	<5	N/A*
W.Q.C.B. Limit	10	1040

* Not Applicable

Monthly Averages Of Grease And Oil

2001 - V125



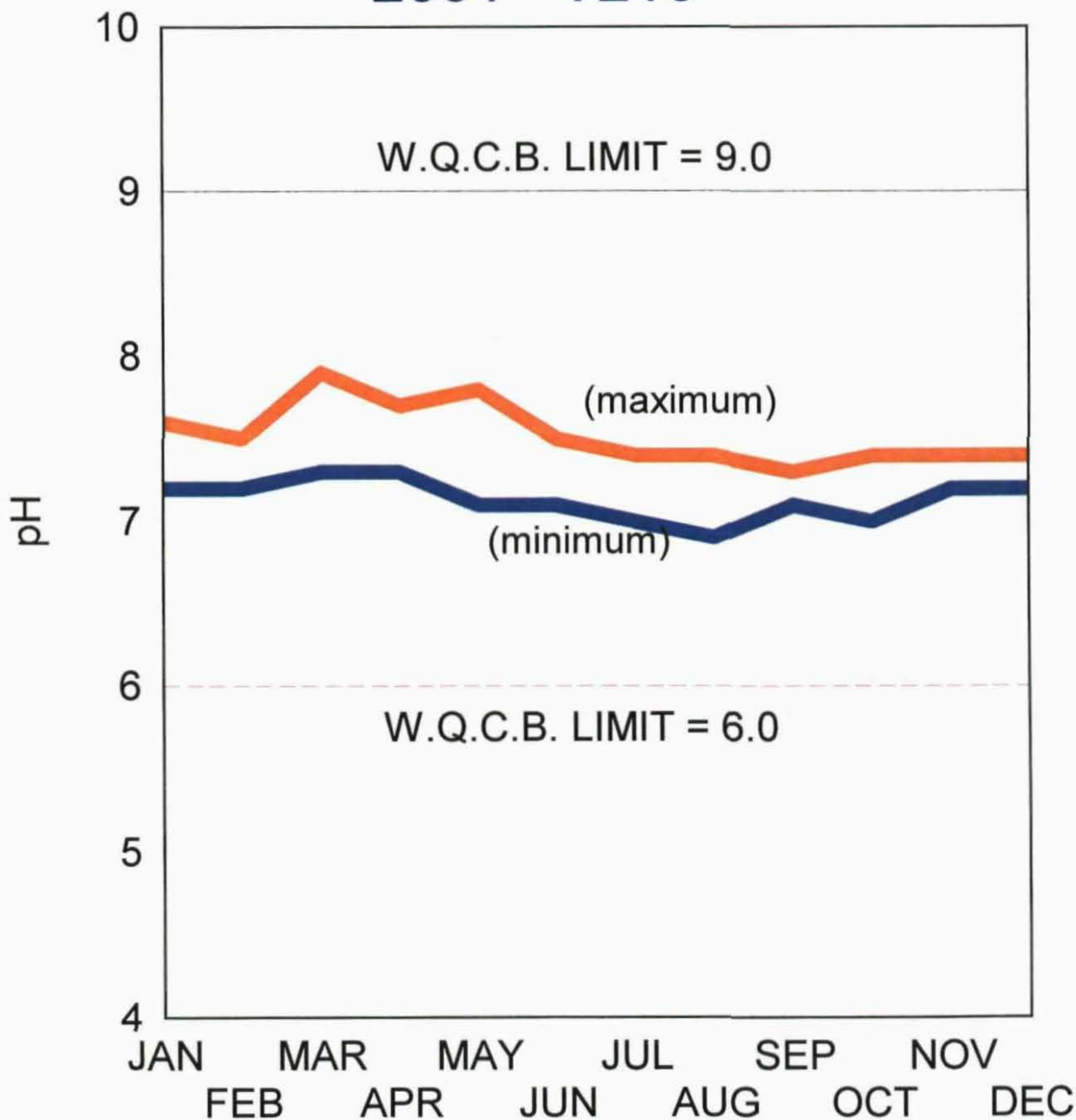
MONTHLY SUMMARY OF EFFLUENT MONITORING
FOR 2001

pH

<u>Month</u>	<u>Minimum</u>	<u>Maximum</u>
January	7.2	7.6
February	7.2	7.5
March	7.3	7.9
April	7.3	7.7
May	7.1	7.8
June	7.1	7.5
July	7.0	7.4
August	6.9	7.4
September	7.1	7.3
October	7.0	7.4
November	7.2	7.4
December	7.2	7.4
Average	7.1	7.5
W.Q.C.B. Limit	Min. 6.0	Max. 9.0

Min And Max Of Effluent pH

2001 - V216

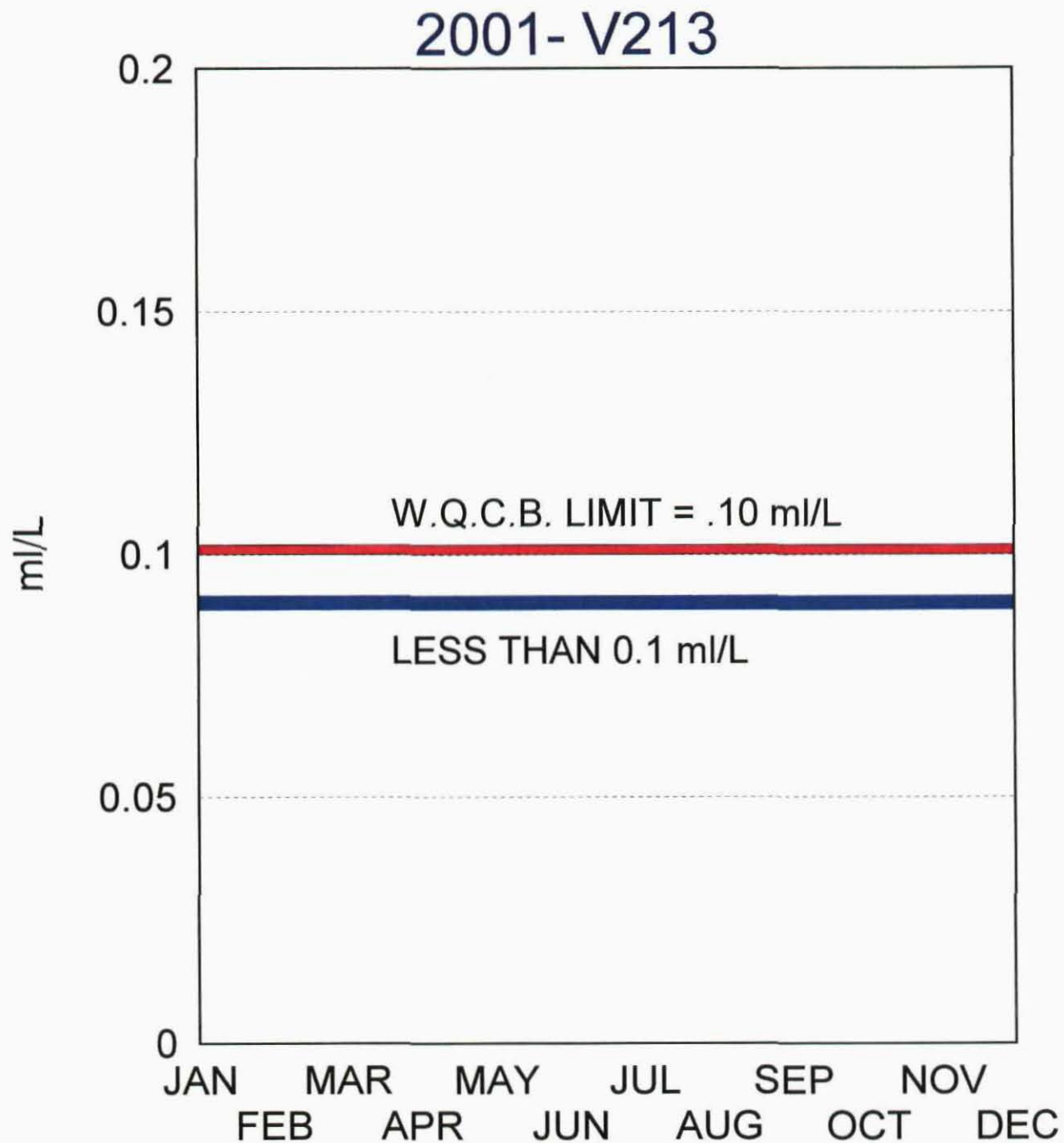


MONTHLY AVERAGES OF WEEKLY EFFLUENT
MONITORING FOR 2001

Settleable Solids

<u>Month</u>	<u>ml/L</u>
January	<0.1
February	<0.1
March	<0.1
April	<0.1
May	<0.1
June	<0.1
July	<0.1
August	<0.1
September	<0.1
October	<0.1
November	<0.0
December	<0.1
Average	<0.1
W.Q.C.B. Limit	0.1

Effluent Average Of Settleable Solids



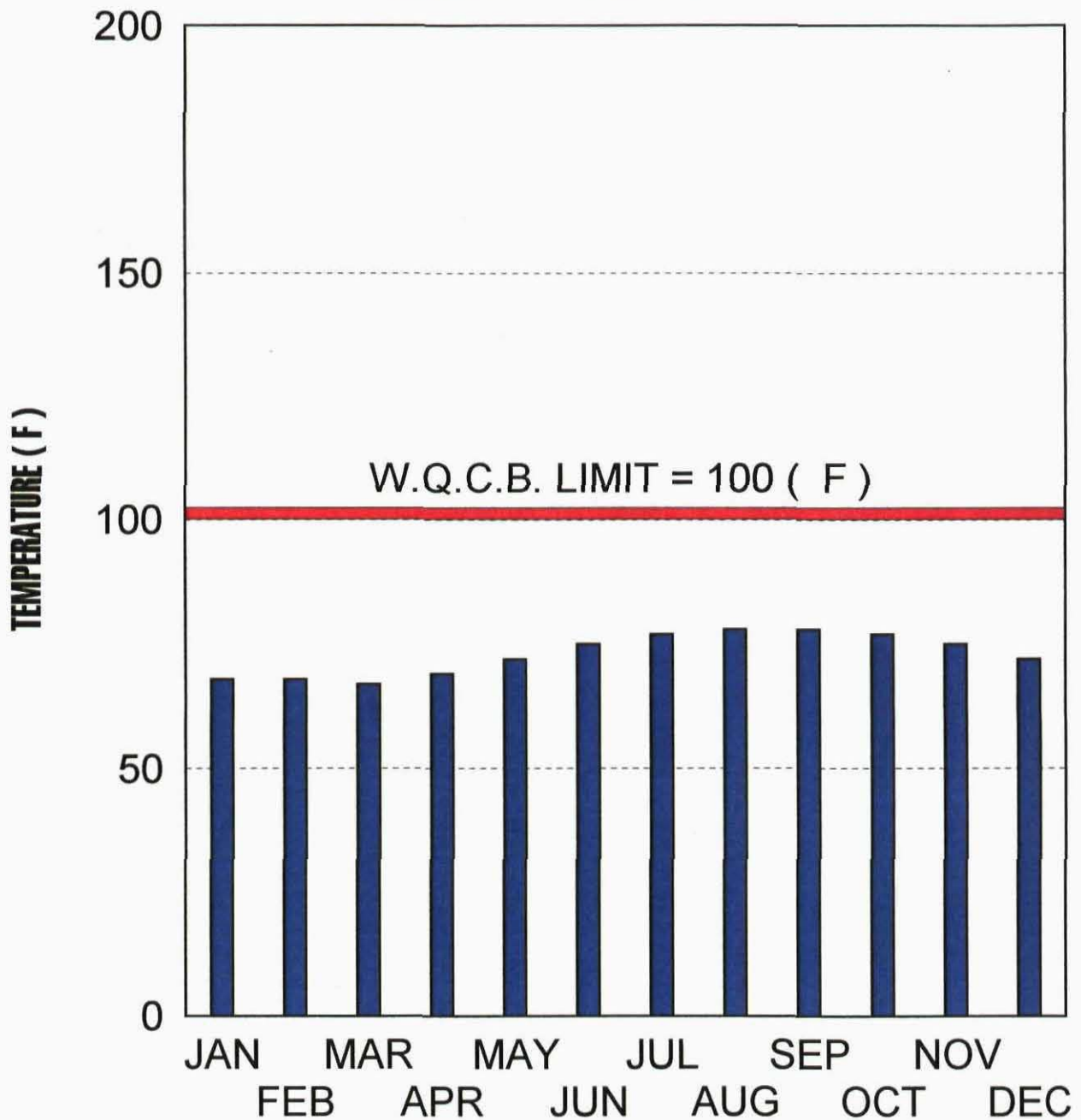
AVERAGE EFFLUENT TEMPERATURE FOR 2001

Temperature

<u>Month</u>	<u>°F</u>
January	68
February	68
March	67
April	69
May	72
June	75
July	77
August	78
September	78
October	77
November	75
December	72
Average	73
W.Q.C.B. Limit	100°F

Average Effluent Temperature

2001 - V214



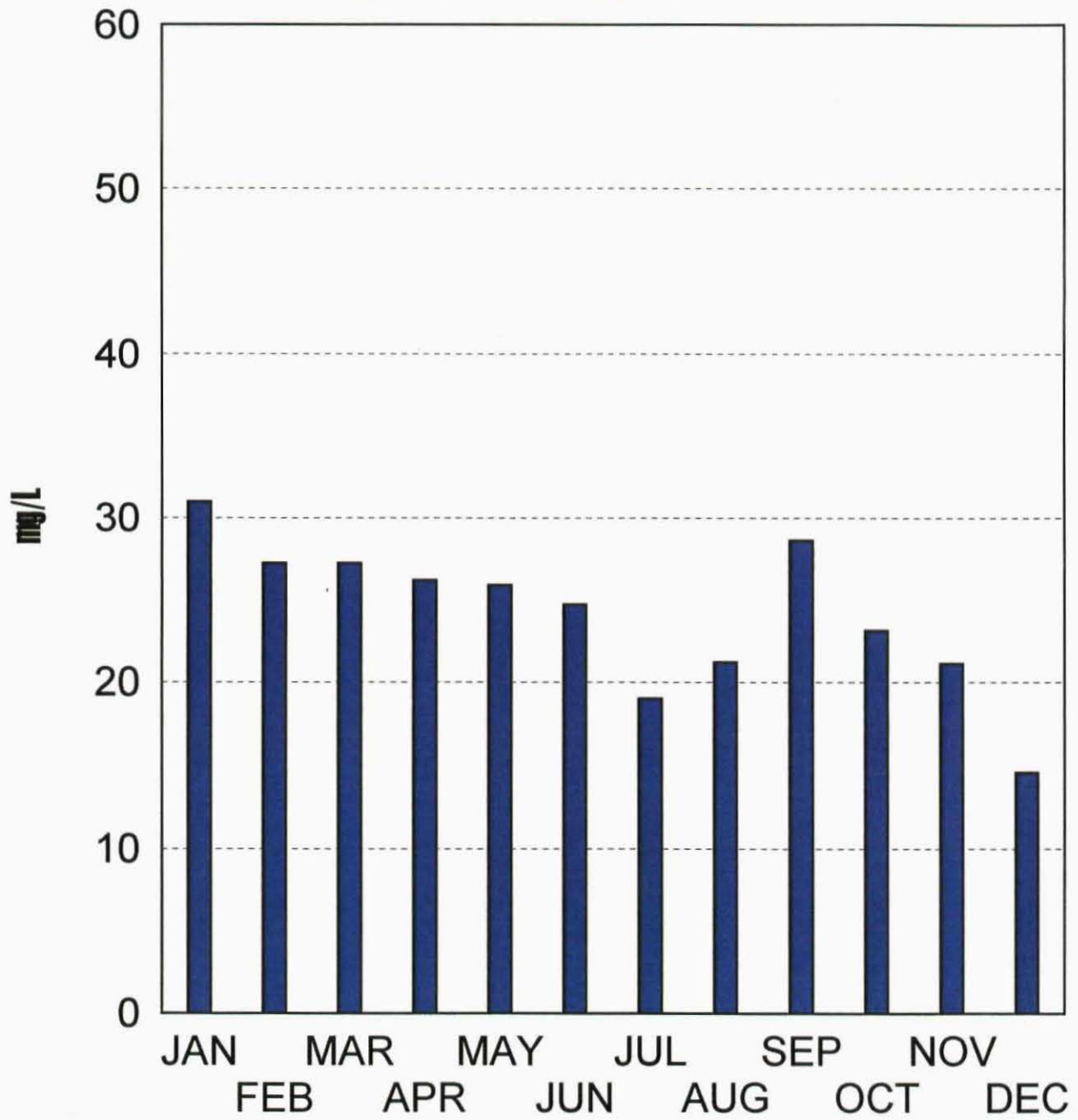
MONTHLY EFFLUENT MONITORING FOR 2001

Ammonia Nitrogen

<u>Month</u>	<u>mg/L</u>	<u>lbs/day</u>
January	31.0	2953
February	27.2	1996
March	27.2	2244
April	26.2	2019
May	25.9	2013
June	24.7	1753
July	19.0	1407
August	21.2	1475
September	28.6	2125
October	23.1	1524
November	21.1	1638
December	14.6	1118
Average	24.2	1855
W.Q.C.B. Limit	No Limit	No Limit

Effluent Ammonia Nitrogen

2001 - V350



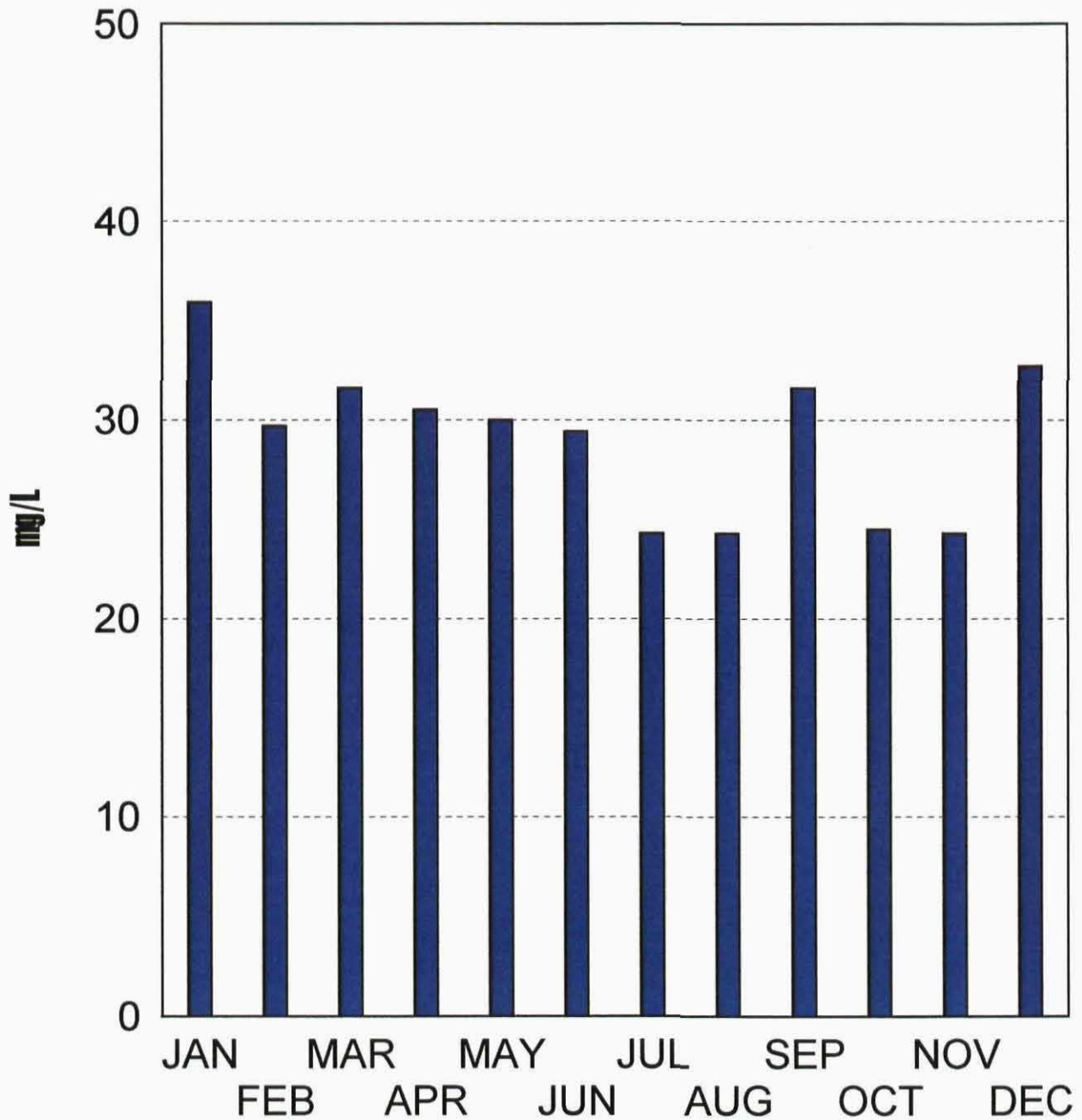
MONTHLY EFFLUENT MONITORING FOR 2001

Total Nitrogen

<u>Month</u>	<u>mg/L</u>	<u>lbs/day</u>
January	35.9	3416
February	29.7	2180
March	31.6	2606
April	30.5	2350
May	30.1	2332
June	29.4	2087
July	24.3	1800
August	29.4	1887
September	31.6	2348
October	24.5	1616
November	24.3	1887
December	32.7	2504
Average	29	2251
W.Q.C.B. Limit	No Limit	No Limit

Effluent Total Nitrogen

2001- V319



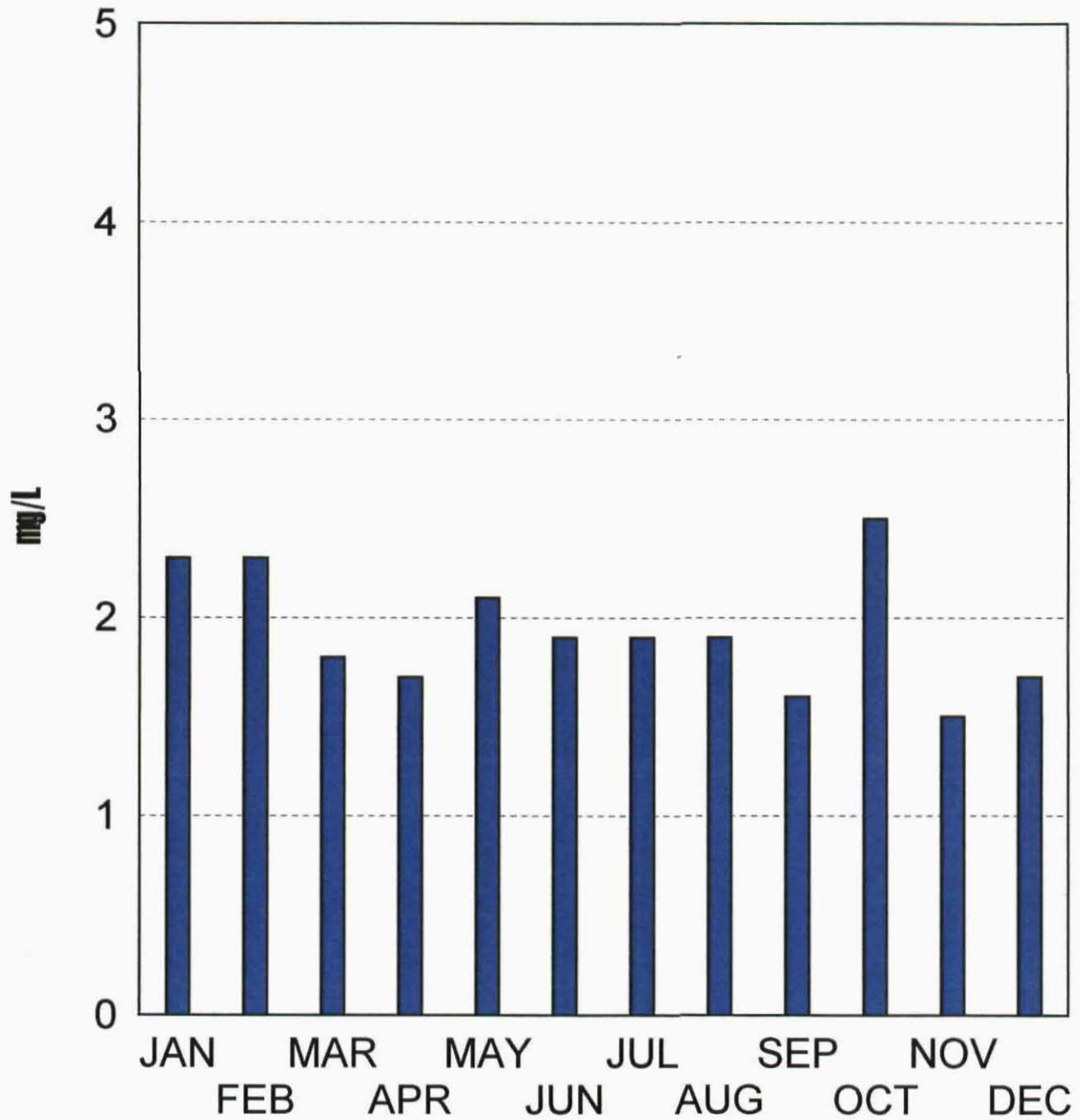
MONTHLY EFFLUENT MONITORING FOR 2001

Organic Nitrogen

<u>Month</u>	<u>mg/L</u>	<u>lbs/day</u>
January	2.3	219
February	2.3	169
March	1.8	148
April	1.7	131
May	2.1	165
June	1.9	135
July	1.9	141
August	2.4	148
September	1.6	119
October	2.5	165
November	1.5	116
December	1.7	130
Average	2.0	149
W.Q.C.B. Limit	No Limit	No Limit

Effluent Organic Nitrogen

2001 - V348



MONTHLY EFFLUENT MONITORING 2001

Bioassay

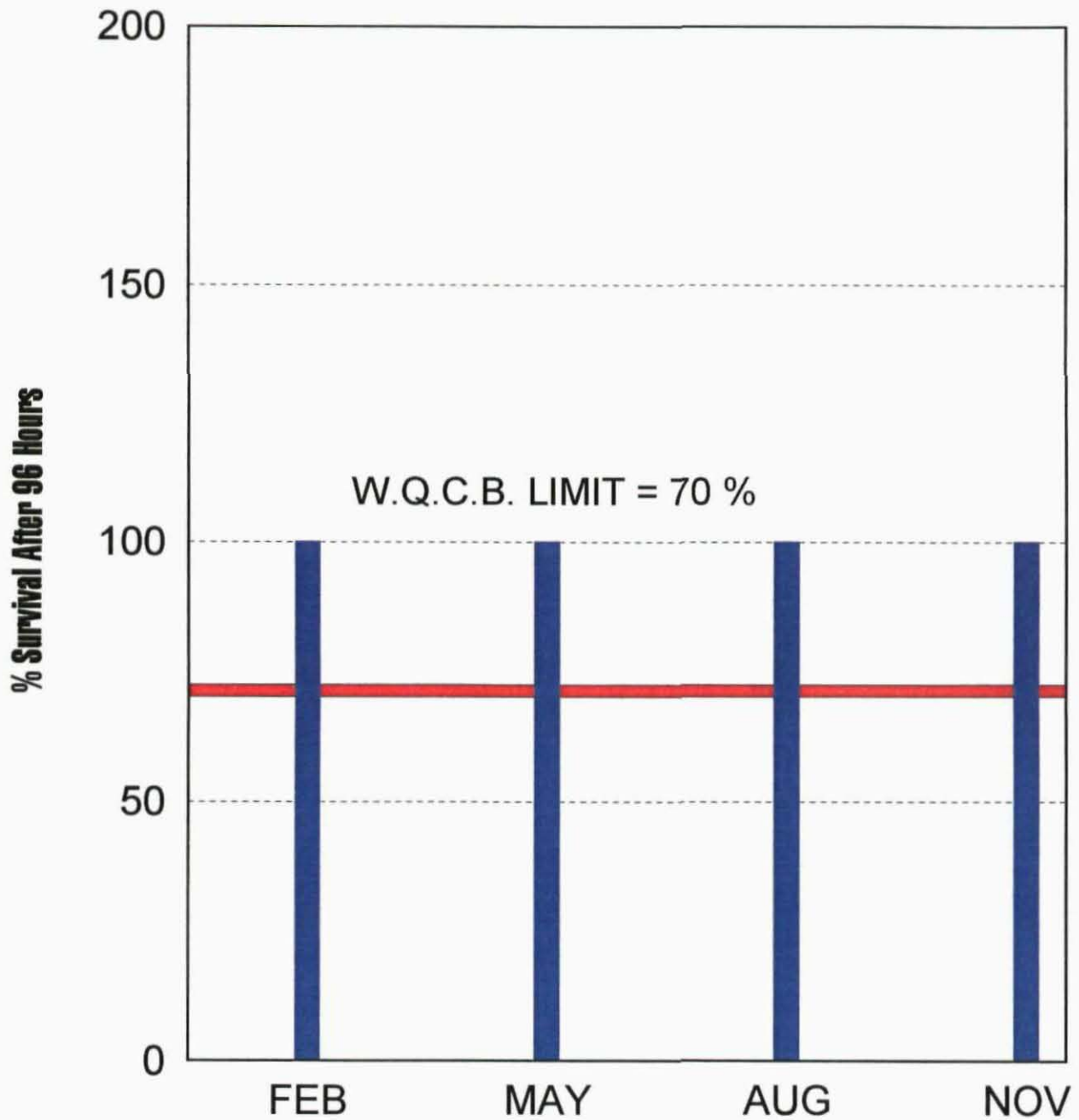
<u>Month</u>	<u>% Survival after 96 Hours</u>
February	100
May	100
August	100
November	100
Average	100

W.Q.C.B. Limit

Average survival in the undiluted effluent for any three (3) consecutive 96 hours static or continuous flow bioassay tests shall be at least 90%, with no single test less than 70% survival.

Effluent Bioassay

2001 - V351



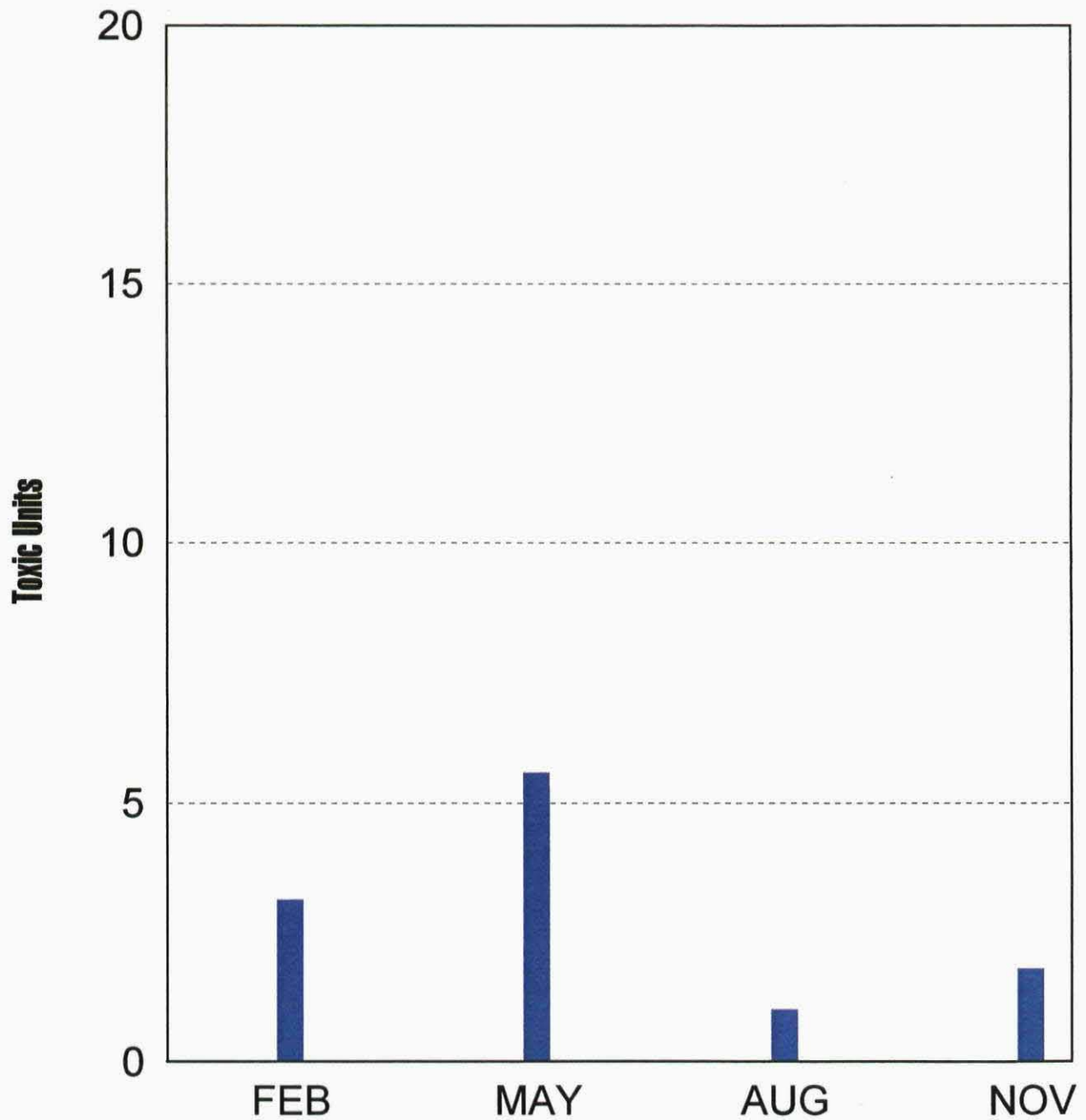
MONTHLY EFFLUENT MONITORING FOR 2001

Chronic Toxicity TUc

<u>Month</u>	<u>TUc</u>
February	3.13
May	5.56
August	1.00
November	1.79
Average	3
W.Q.C.B. Limit	No Limit

Chronic Toxicity Survival

2001 - V763



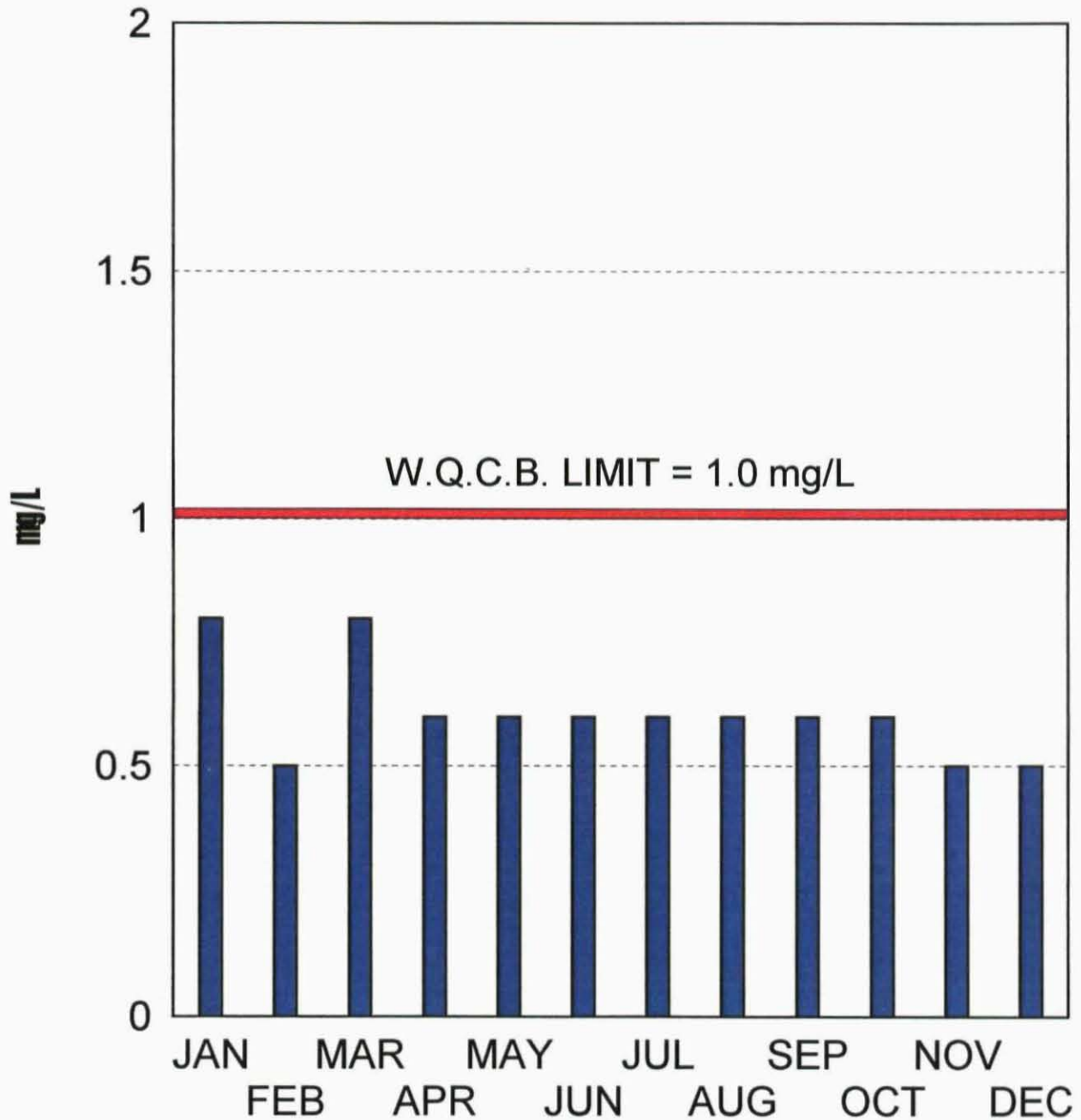
MONTHLY EFFLUENT MONITORING FOR 2001

Boron

<u>Month</u>	<u>mg/L</u>	<u>lbs/day</u>
January	0.8	79
February	0.5	38
March	0.8	66
April	0.6	44
May	0.6	44
June	0.6	45
July	0.6	44
August	0.5	46
September	0.6	44
October	0.6	37
November	0.5	39
December	0.5	40
Average	0.6	47
W.Q.C.B. Limit	1.0	104

Monthly Effluent Boron

2001 - V352



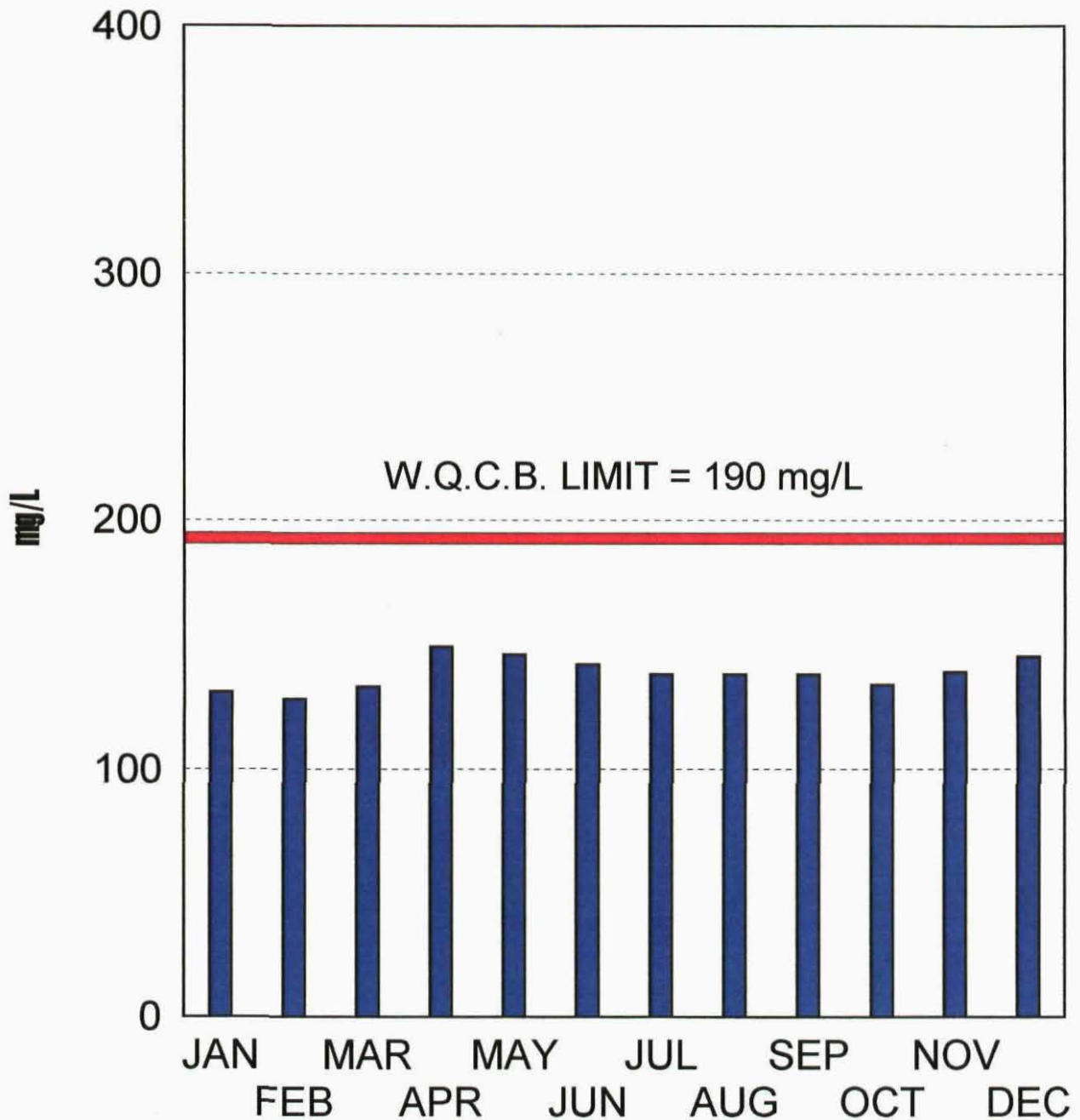
MONTHLY EFFLUENT MONITORING FOR 2001

Chlorides

<u>Month</u>	<u>mg/L</u>	<u>lbs/day</u>
January	131	12477
February	128	9394
March	133	10970
April	149	11482
May	146	11348
June	124	10078
July	138	10220
August	141	10715
September	138	10255
October	134	8840
November	139	10793
December	145	11101
Average	139	10639
W.Q.C.B. Limit	190	15638

Monthly Effluent Chlorides

2001- V353



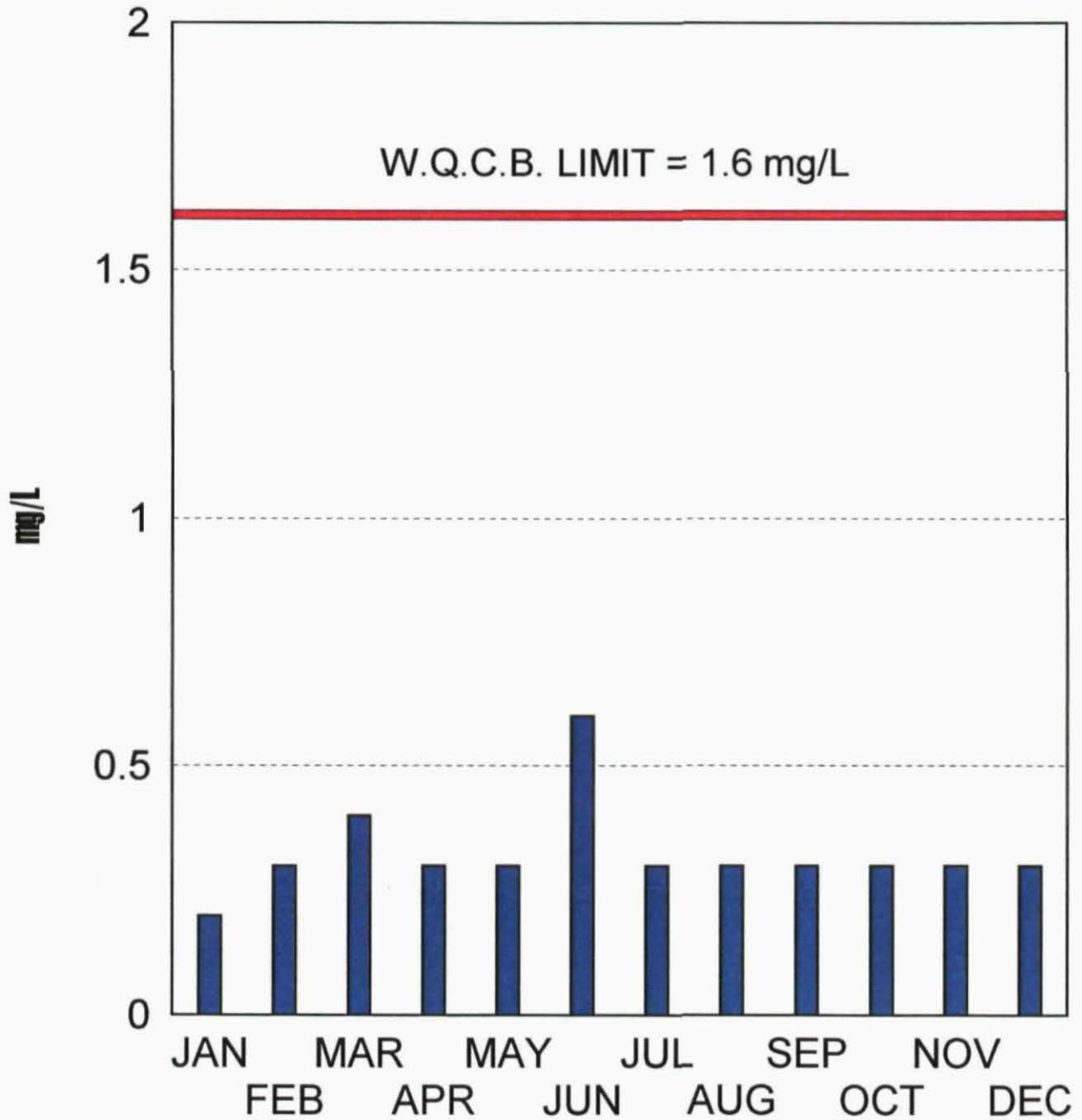
MONTHLY EFFLUENT MONITORING FOR 2001

Fluoride

<u>Month</u>	<u>mg/L</u>	<u>lbs/day</u>
January	0.2	22
February	0.3	21
March	0.4	29
April	0.3	23
May	0.3	23
June	0.6	45
July	0.3	21
August	0.3	22
September	0.3	22
October	0.3	20
November	0.3	21
December	0.3	21
Average	0.3	24
W.Q.C.B. Limit	1.6	167

Monthly Effluent Fluorides

2001 - V354



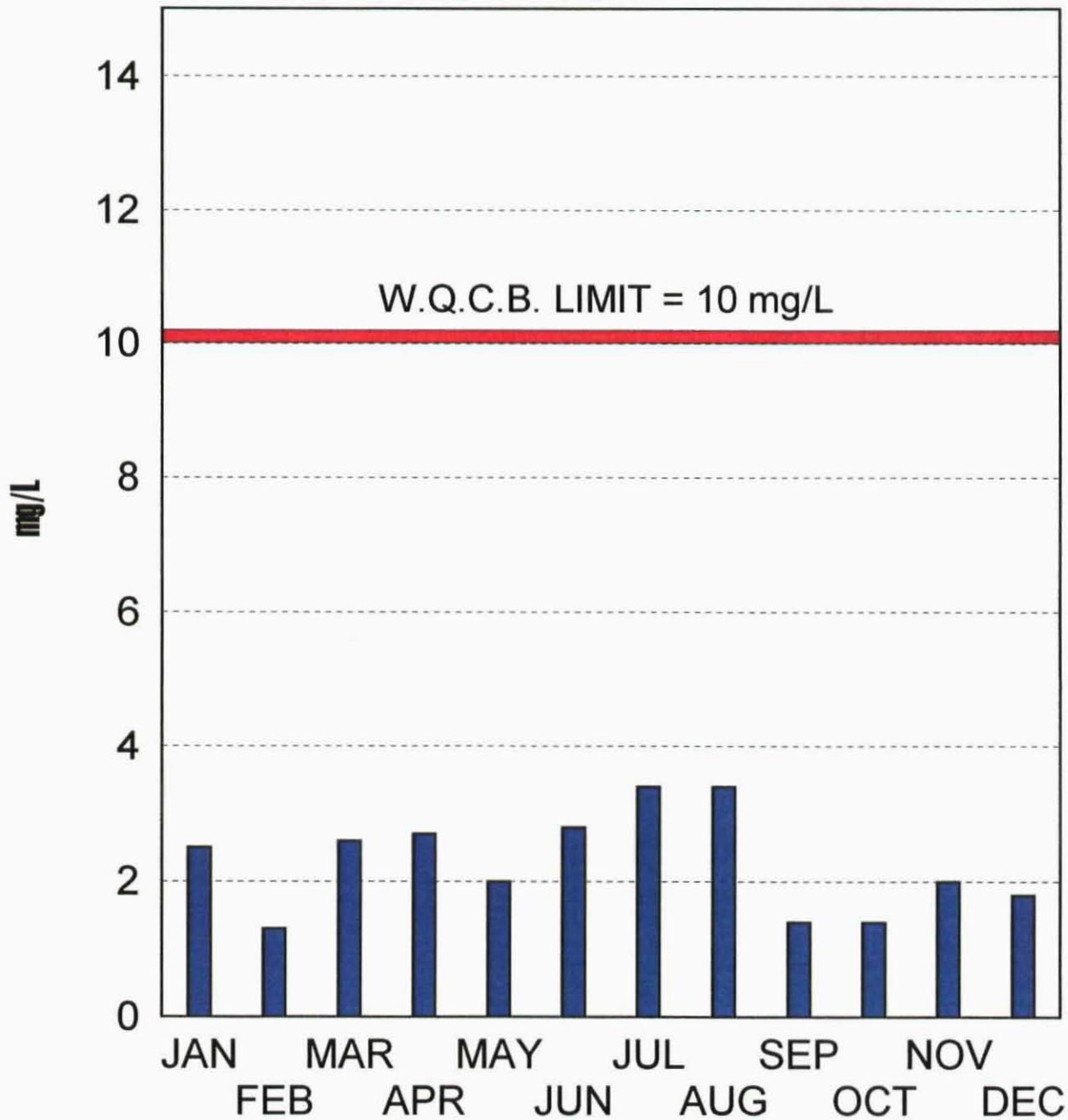
MONTHLY EFFLUENT MONITORING FOR 2001

Combined Nitrate Nitrogen & Nitrite Nitrogen

<u>Month</u>	<u>mg/L</u>	<u>lbs/Day</u>
January	2.5	241
February	1.3	95
March	2.6	216
April	2.7	206
May	2.0	156
June	2.8	198
July	3.4	253
August	3.4	262
September	1.4	101
October	1.4	95
November	2.0	158
December	1.8	141
Average	2.3	177
W.Q.C.B. Limit	10.0	1040
Nitrate-N + Nitrite-N		

Effluent Nitrate - N + Nitrite - N

2001- V357



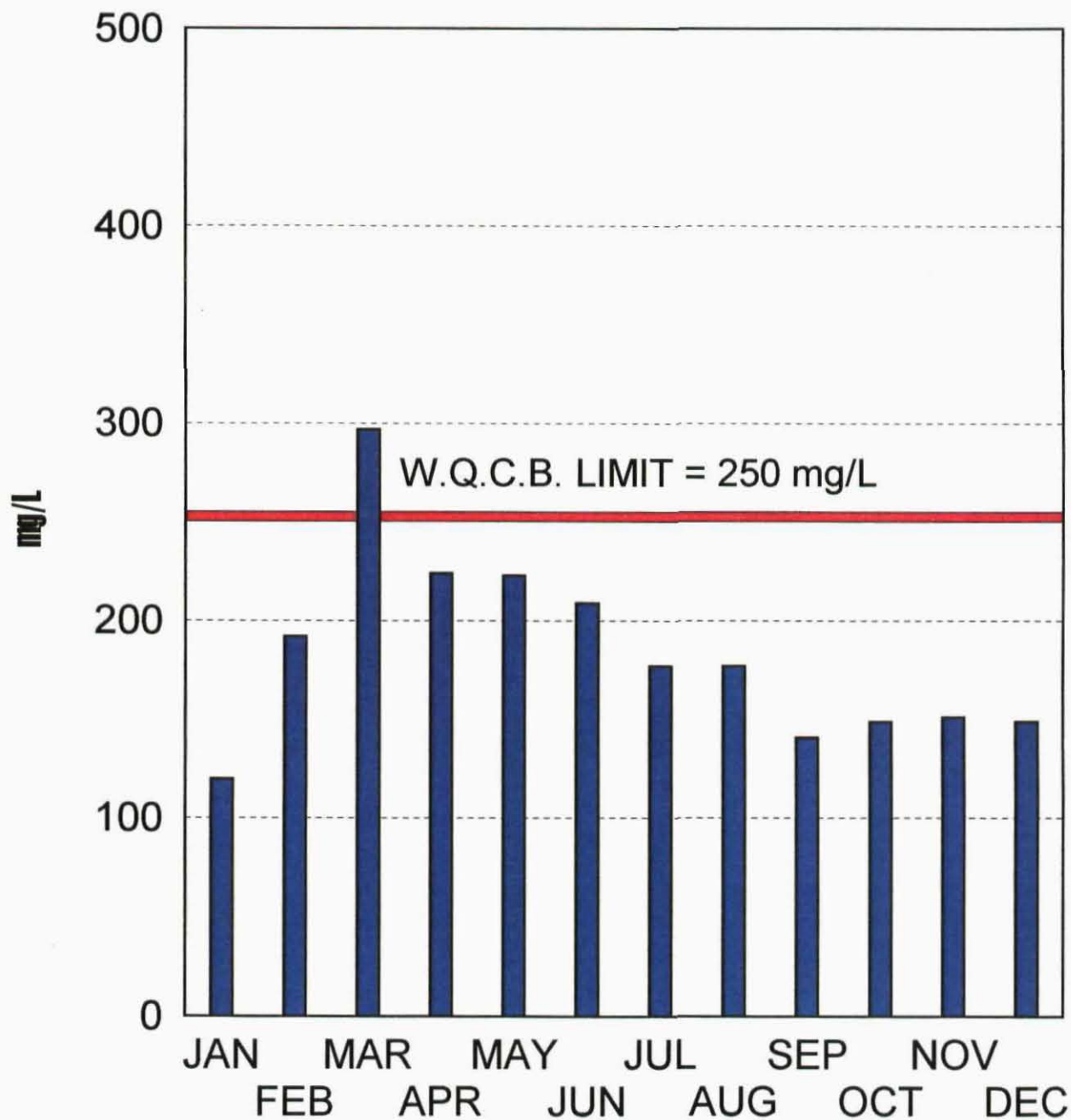
MONTHLY EFFLUENT MONITORING FOR 2001

Sulfates

<u>Month</u>	<u>mg/L</u>	<u>lbs/day</u>
January	120	11429
February	192	14091
March	297	24497
April	224	17262
May	223	17334
June	209	14833
July	177	13108
August	126	13743
September	141	10478
October	149	9829
November	151	11724
December	149	11408
Average	180	14145
W.Q.C.B. Limit	250	26100

Monthly Effluent Sulfate

2001 - V358



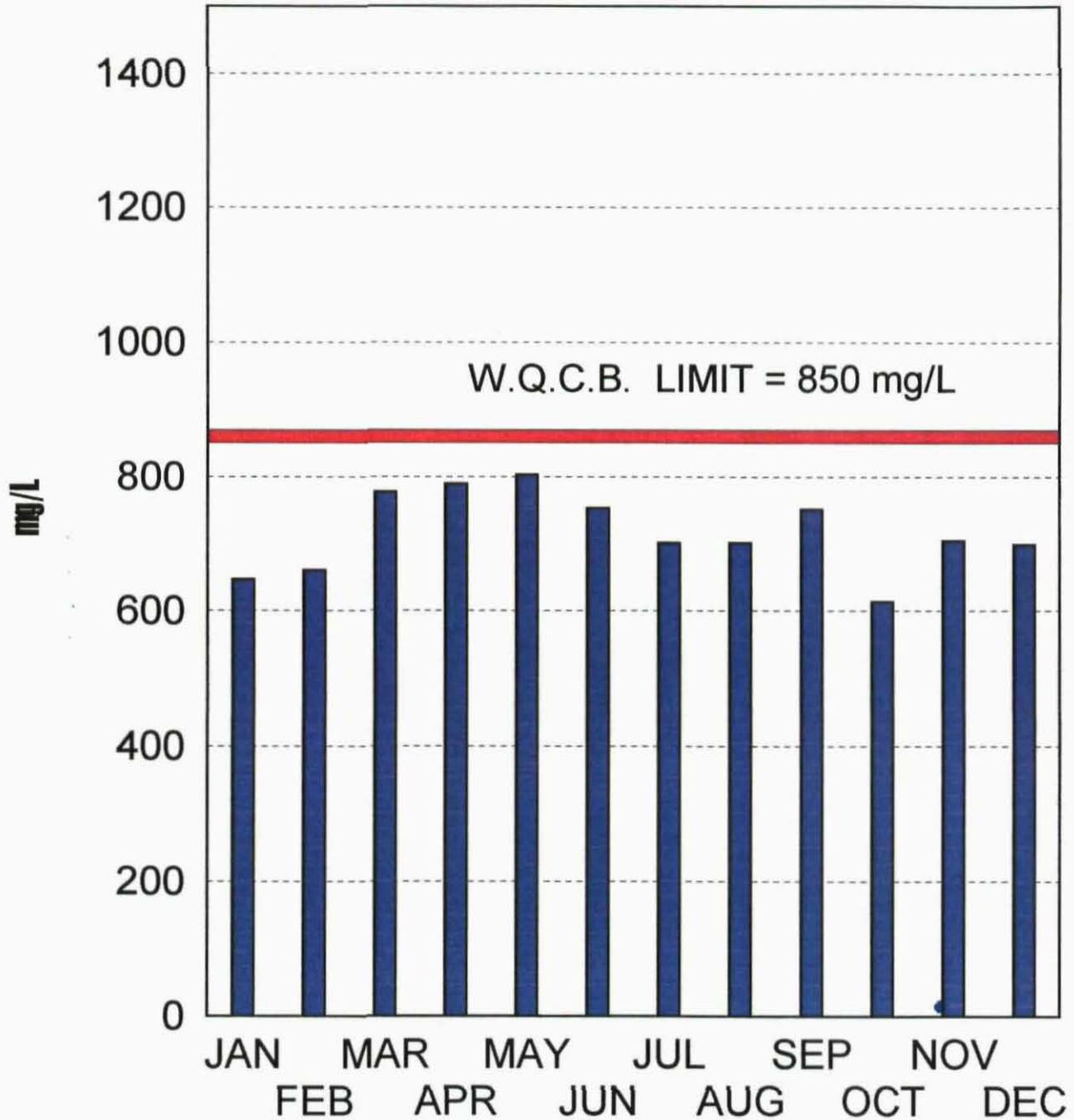
MONTHLY EFFLUENT MONITORING FOR 2001

Total Dissolved Solids

<u>Month</u>	<u>mg/L</u>	<u>lbs/day</u>
January	647	61622
February	660	48439
March	777	64089
April	789	60802
May	803	62416
June	753	53443
July	701	51915
August	654	54429
September	752	55881
October	614	40505
November	704	54662
December	699	53516
Average	713	55143
W.Q.C.B. Limit	850	88613

Total Dissolved Solids

2001- V273



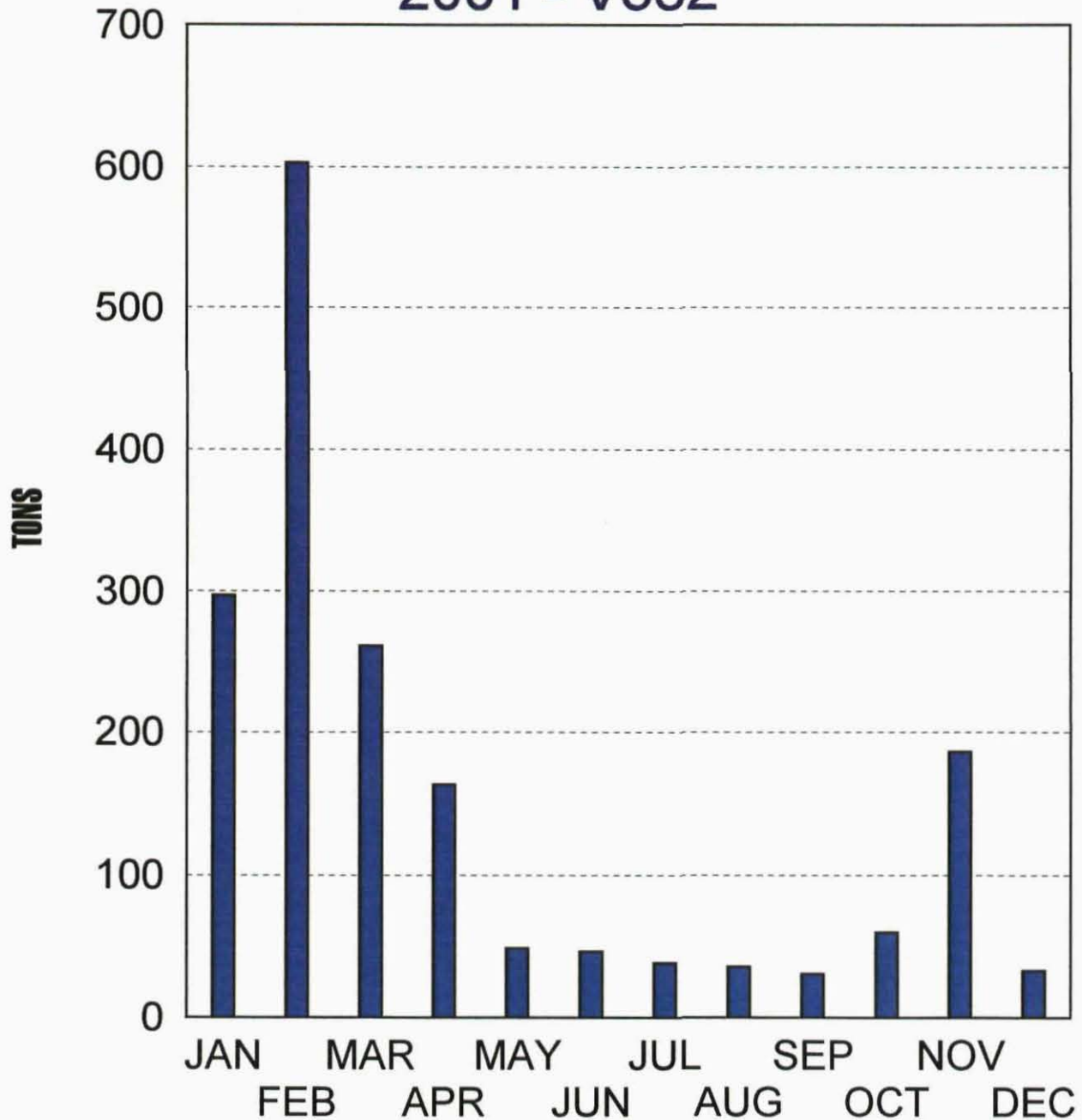
HAULING REPORT SUMMARY FOR 2001

Solid Waste Hauled to Simi Valley Landfill

<u>Month</u>	<u>Dried Sludge Rags & Grit (Tons)</u>
January	297.2
February	602.8
March	261.2
April	163.2
May	48.9
June	46.7
July	38.6
August	36.0
September	31.1
October	60.18
November	186.4
December	33.2
Total	1806.0
Average	150.5

Solids Hauled To Simi Valley Landfill

2001 - V332

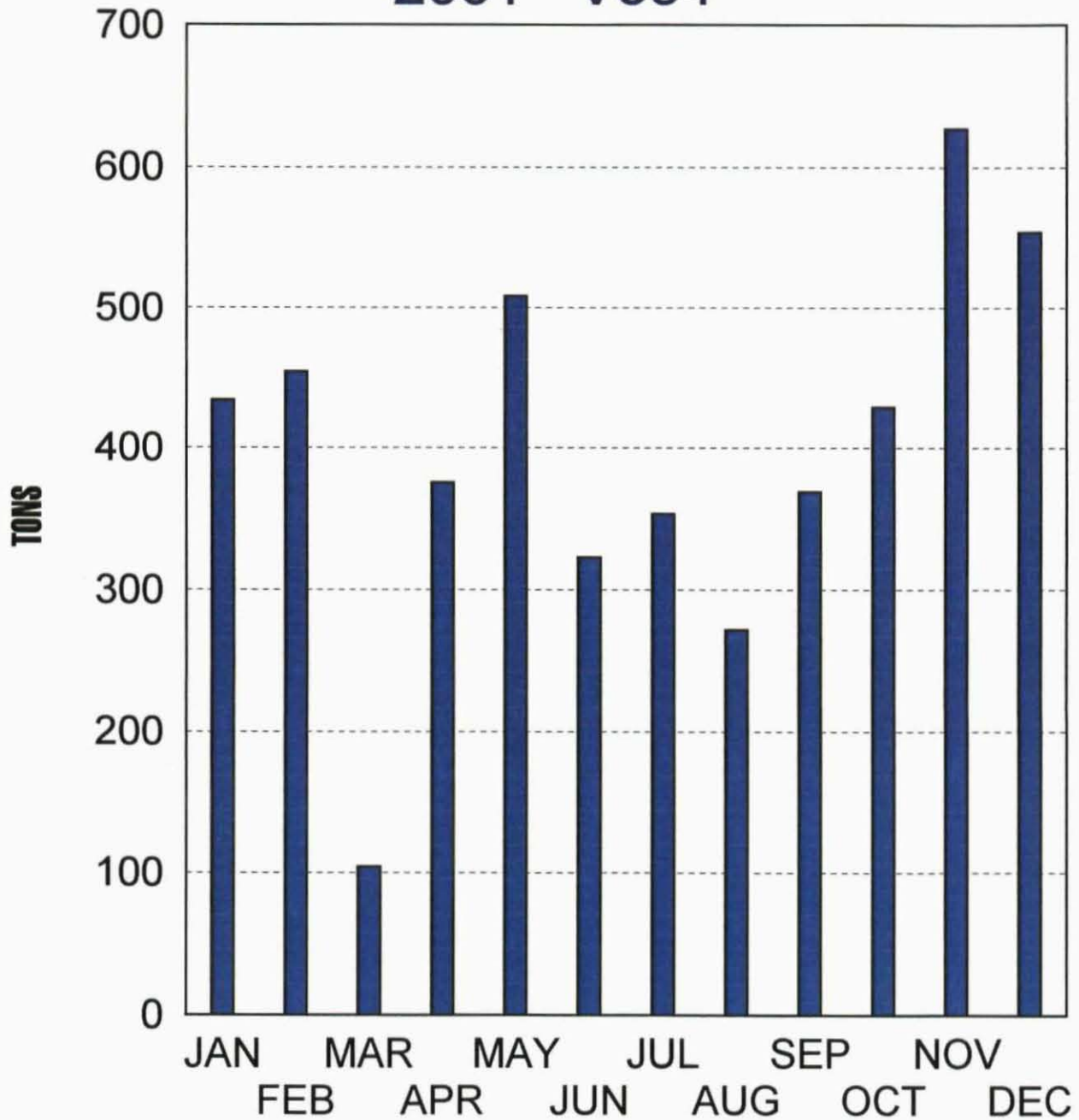


HAULING REPORT SUMMARY FOR 2001

Solid Waste Hauled to Buttonwillow Land & Cattle Company

<u>Month</u>	<u>Dried Biosolids (Tons)</u>
January	433.9
February	454.1
March	104.0
April	375.5
May	508.7
June	322.5
July	353.4
August	300.4
September	368.8
October	428.9
November	626.9
December	553.9
Total	4831.2
Average	402.6

Biosolids Hauled To Buttonwillow 2001 - V334



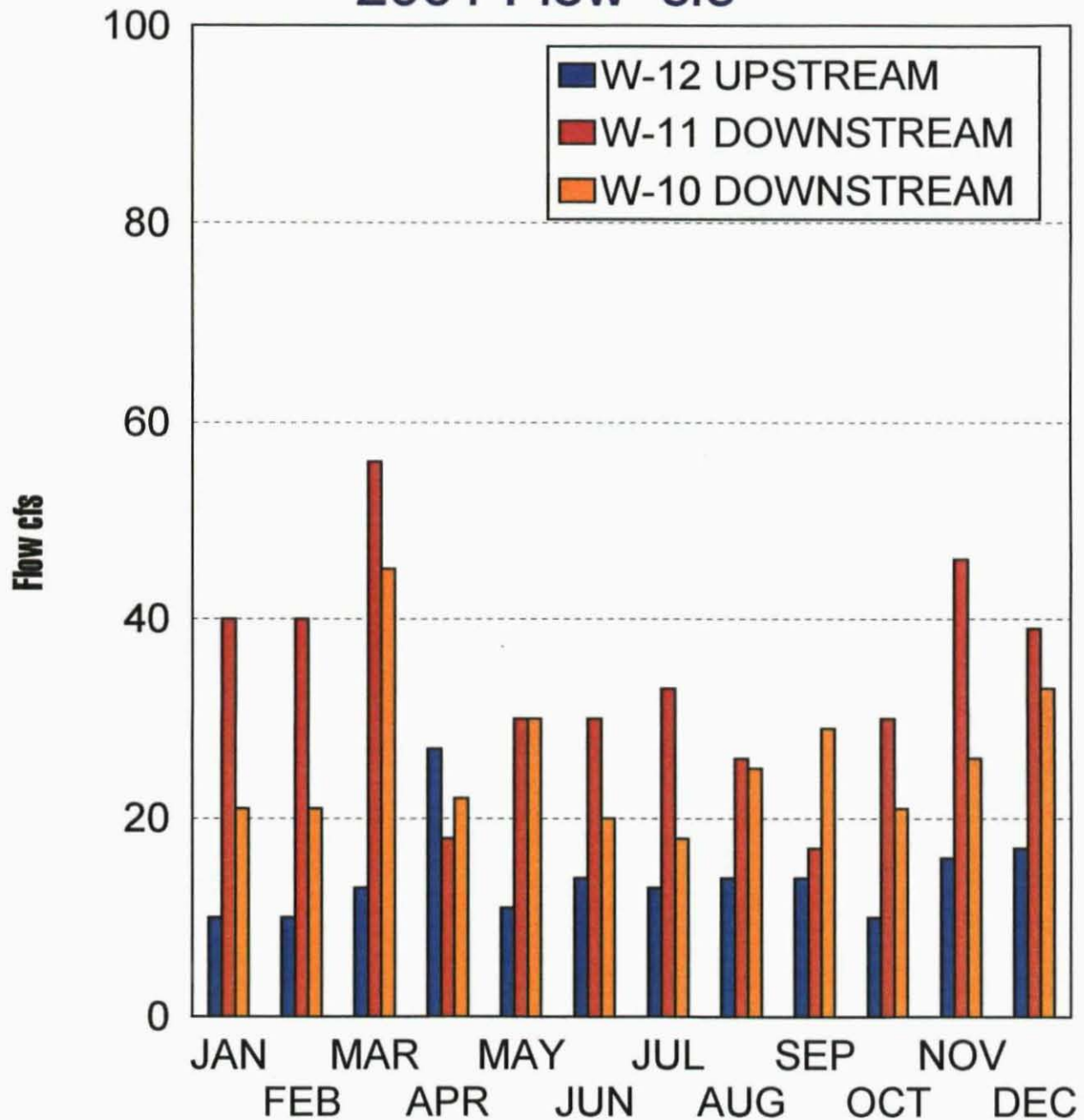
RECEIVING WATER CONSTITUENTS FOR 2001

Flow in CFS

MONTH	W-12 CFS	W-11 CFS	W-10 CFS
January	10	40	21
February	10	40	21
March	13	56	45
April	27	18	22
May	11	30	30
June	14	30	20
July	13	33	18
August	14	26	25
September	14	17	29
October	10	30	21
November	16	46	26
December	17	39	33
Average	14	34	26
W.Q.C.B. Limit	NONE	NONE	NONE

Receiving Water Constituents

2001 Flow cfs



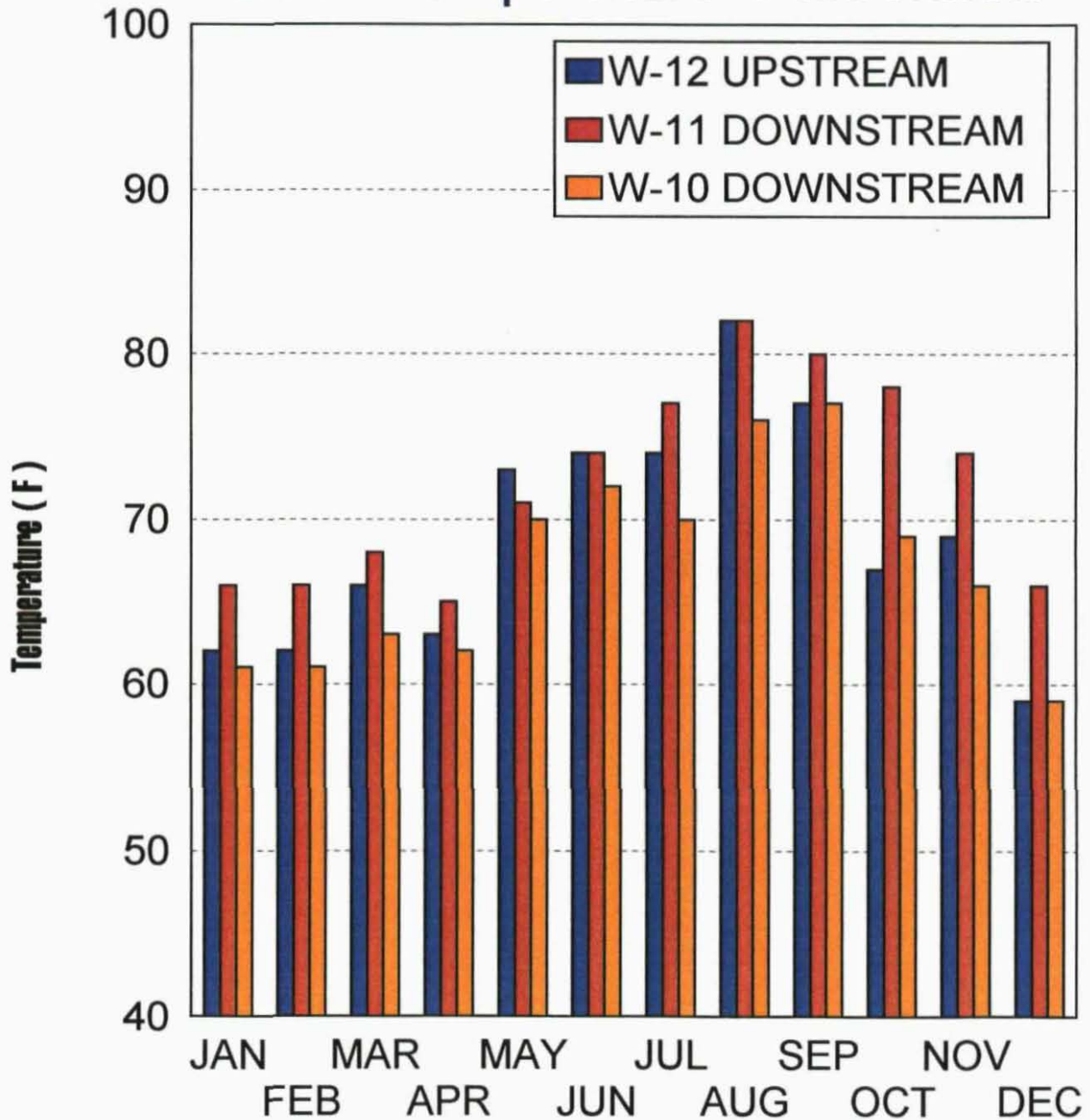
RECEIVING WATER CONSTITUENTS FOR 2001

Temperature °F

MONTH	W-12 TEMP	W-11 TEMP	W-10 TEMP
January	62	66	61
February	62	66	61
March	66	68	63
April	63	65	62
May	83	71	70
June	74	74	72
July	74	77	70
August	82	82	76
September	77	80	77
October	67	78	69
November	69	74	66
December	59	66	59
Average	70	72	67
W.Q.C.B. Limit	NONE	NONE	NONE

Receiving Water Constituents

2001 Temperature Fahrenheit

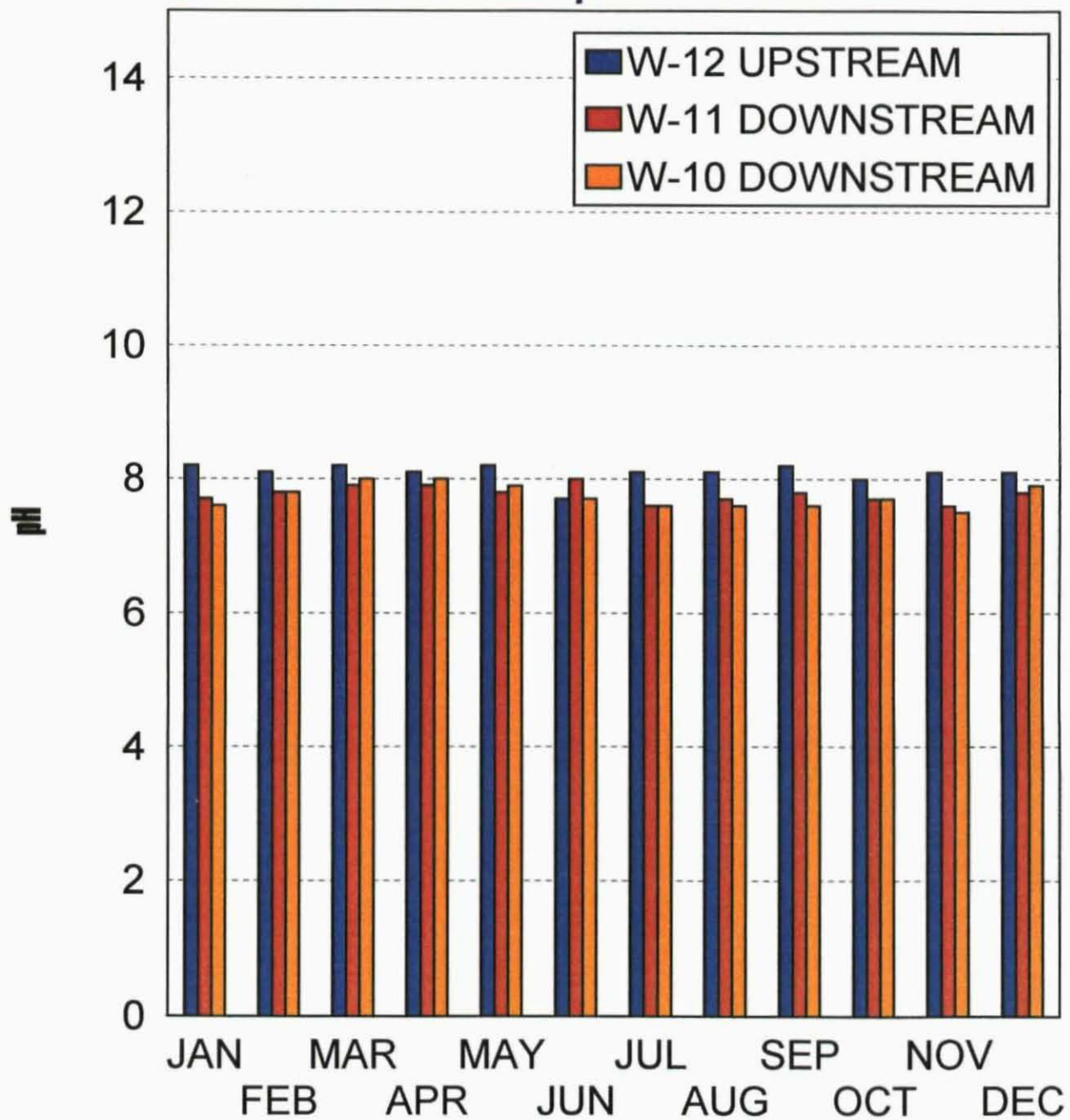


RECEIVING WATER CONSTITUENTS FOR 2001

	<u>pH</u>		
MONTH	W-12 pH	W-11 pH	W-10 pH
January	8.2	7.7	7.6
February	8.1	7.8	7.8
March	8.2	7.9	8.0
April	8.1	7.9	8.0
May	8.2	7.8	7.8
June	7.7	8.0	7.7
July	8.1	7.8	7.6
August	8.1	7.7	7.6
September	8.2	7.8	7.6
October	8.0	7.7	7.7
November	8.1	7.6	7.5
December	8.1	7.8	7.9
 Average	 8.1	 7.7	 7.7
W.Q.C.B. Limit	NONE	NONE	NONE

Receiving Water Constituents

2001 pH

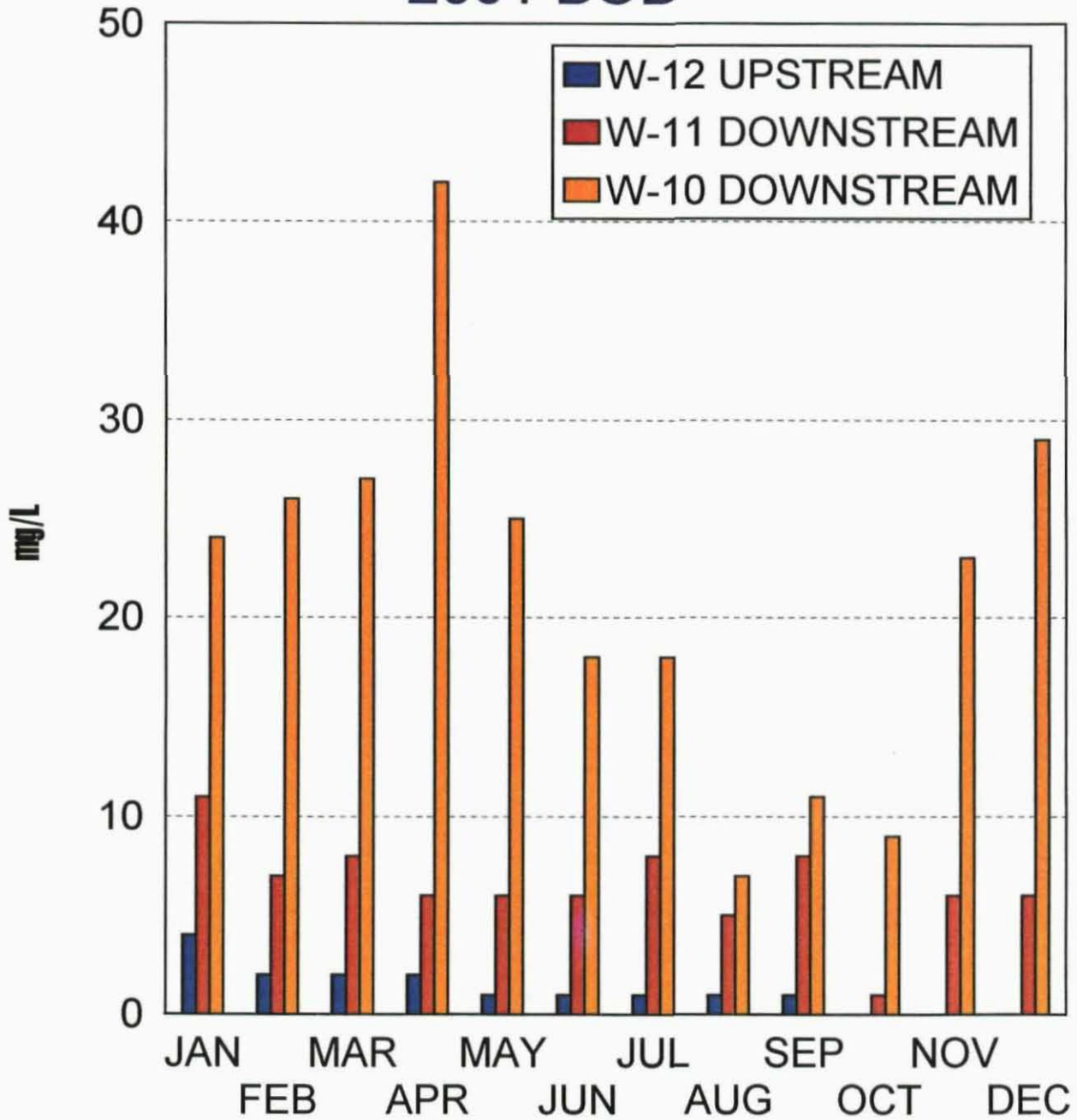


RECEIVING WATER CONSTITUENTS FOR 2001

Biochemical Oxygen Demand

MONTH	W-12 mg/L	W-11 mg/L	W-10 mg/L
January	4	11	24
February	2	7	26
March	2	8	27
April	2	6	42
May	1	6	25
June	1	6	18
July	1	8	18
August	1	5	7
September	1	5	11
October	0	1	9
November	0	6	23
December	0	6	29
Average	1	7	22
W.Q.C.B. Limit	NONE	NONE	NONE

Receiving Water Constituents 2001 BOD

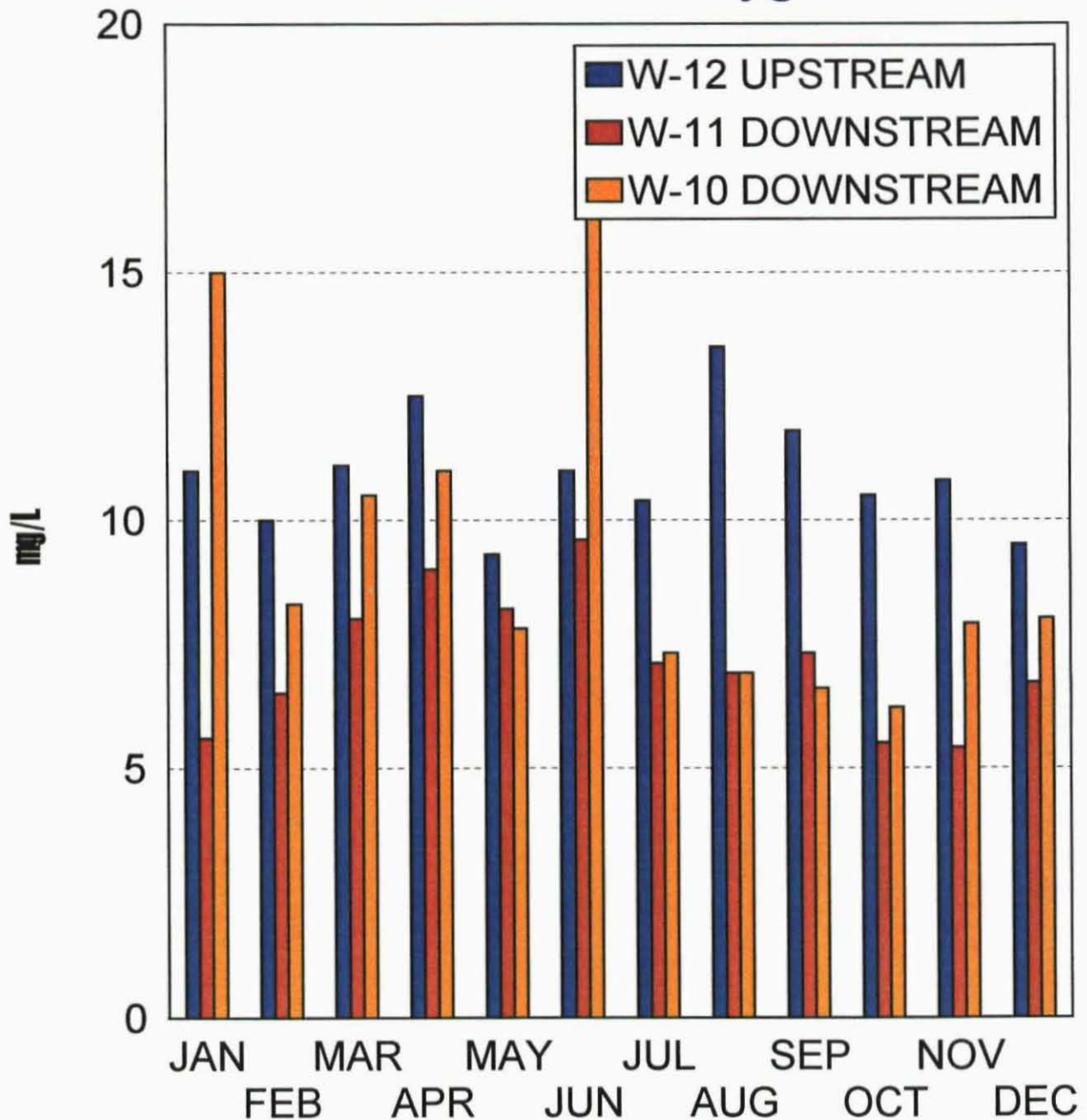


RECEIVING WATER CONSTITUENTS FOR 2001

Dissolved Oxygen

MONTH	W-12 mg/L	W-11 mg/L	W-10 mg/L
January	11.0	5.6	15.0
February	10.0	6.5	8.3
March	11.1	8.0	10.5
April	12.5	9.0	11.0
May	9.3	8.2	7.8
June	11.0	9.6	7.0
July	10.4	7.1	7.3
August	13.5	6.9	6.9
September	11.8	7.3	6.6
October	10.5	5.5	6.2
November	10.8	5.4	7.9
December	9.5	6.7	8.0
Average	11.0	7.2	9.4
W.Q.C.B. Limit	NONE	NONE	NONE

Receiving Water Constituents 2001 Dissolved Oxygen

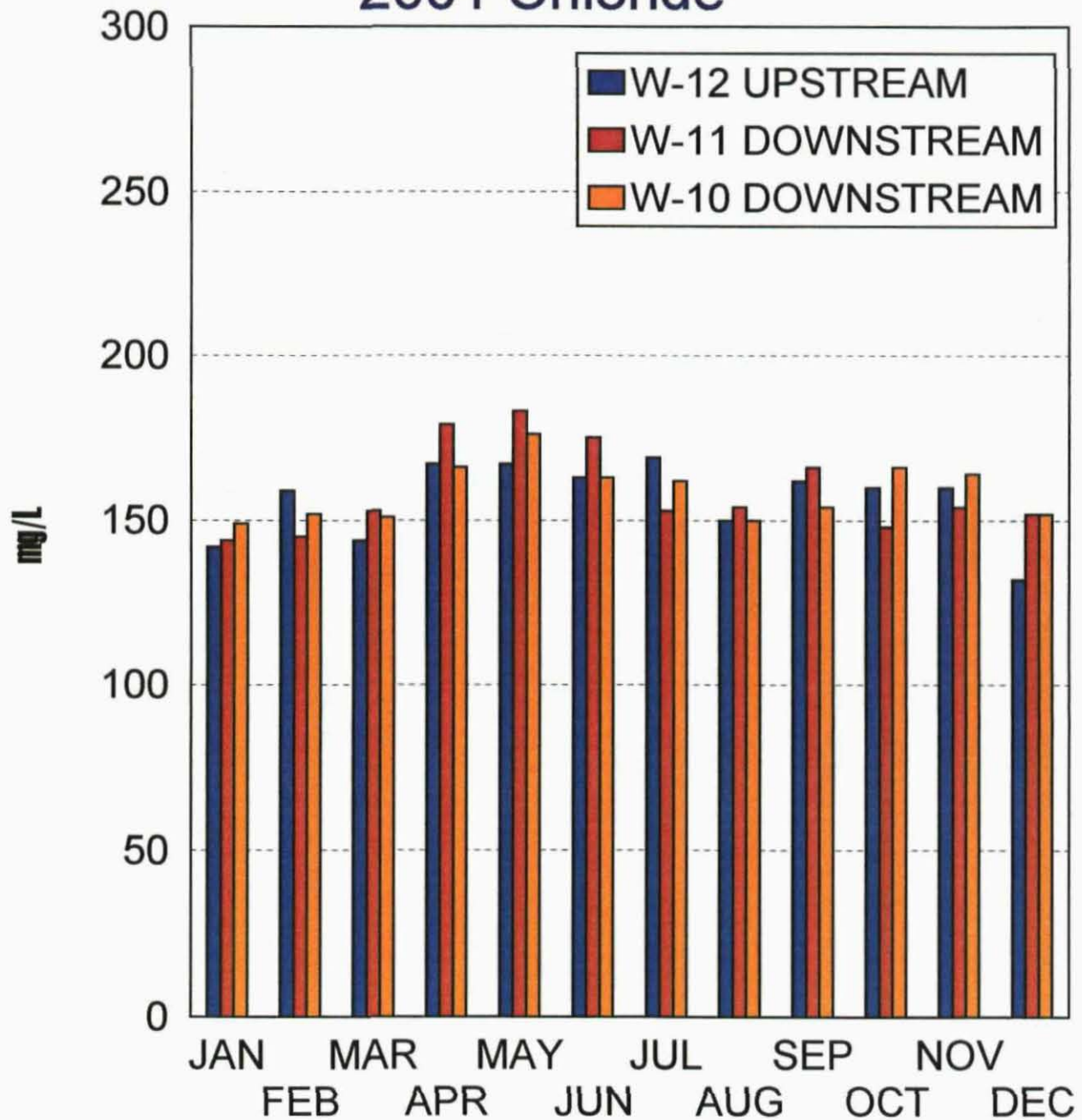


RECEIVING WATER CONSTITUENTS FOR 2001

MONTH	<u>Chloride</u>		
	W-12 mg/L	W-11 mg/L	W-10 mg/L
January	142	144	149
February	159	145	152
March	144	153	151
April	167	179	166
May	167	183	176
June	163	175	163
July	169	153	162
August	150	154	150
September	162	166	154
October	160	148	166
November	160	154	164
December	132	152	152
Average	156	159	159
W.Q.C.B. Limit	NONE	NONE	NONE

Receiving Water Constituents

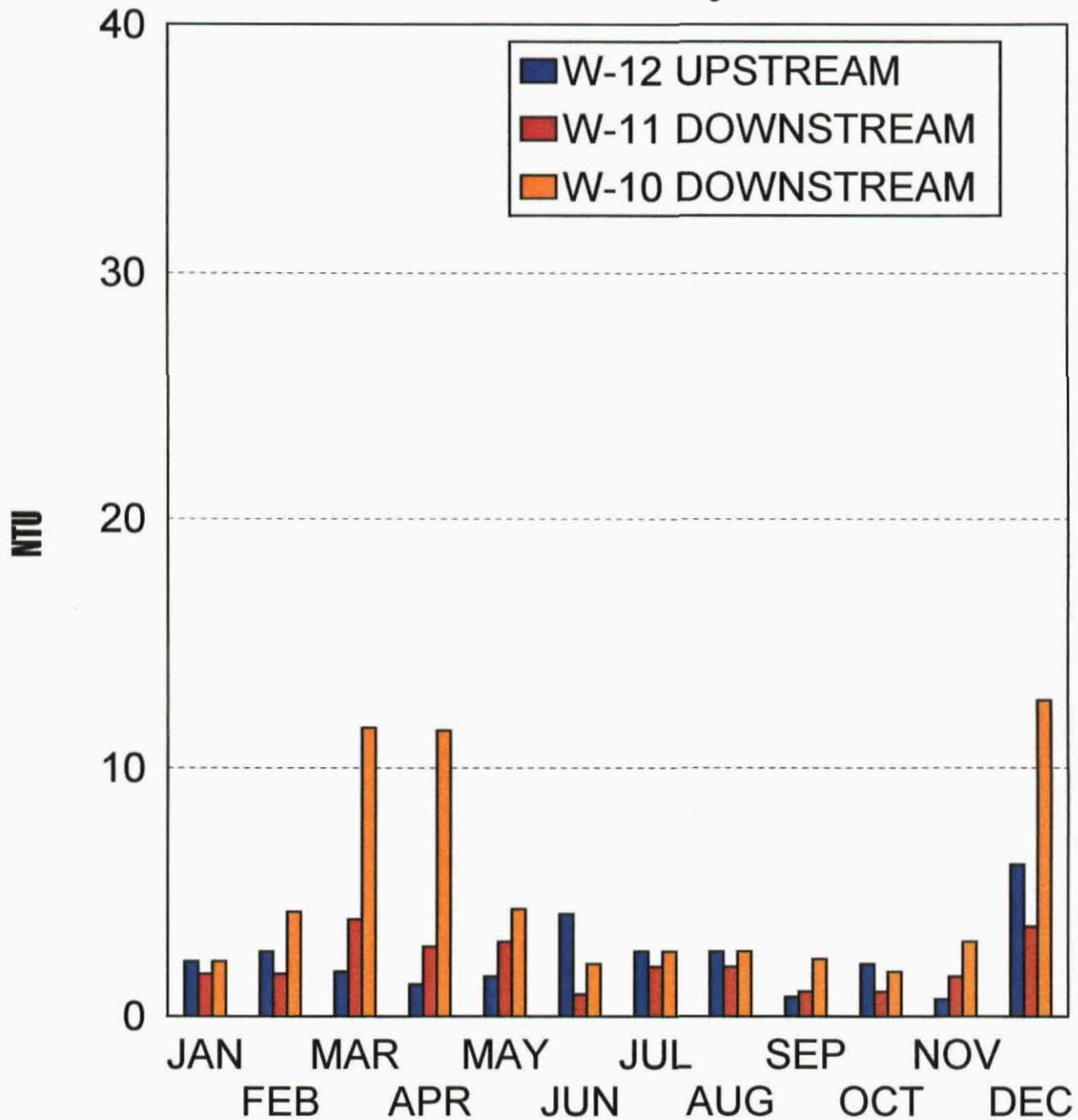
2001 Chloride



RECEIVING WATER CONSTITUENTS FOR 2001

MONTH	<u>Turbidity</u>		
	W-12 NTU	W-11 NTU	W-10 NTU
January	2.2	1.7	2.2
February	2.6	1.7	4.2
March	1.8	3.9	11.6
April	1.3	2.8	11.5
May	1.5	3.0	4.3
June	4.1	0.9	2.1
July	2.6	2.0	2.6
August	2.6	2.0	2.6
September	0.8	1.0	2.3
October	2.1	1.0	1.8
November	0.7	1.6	3.0
December	6.1	3.6	12.7
Average	2.4	4.4	5.1
W.Q.C.B. Limit	NONE	NONE	NONE

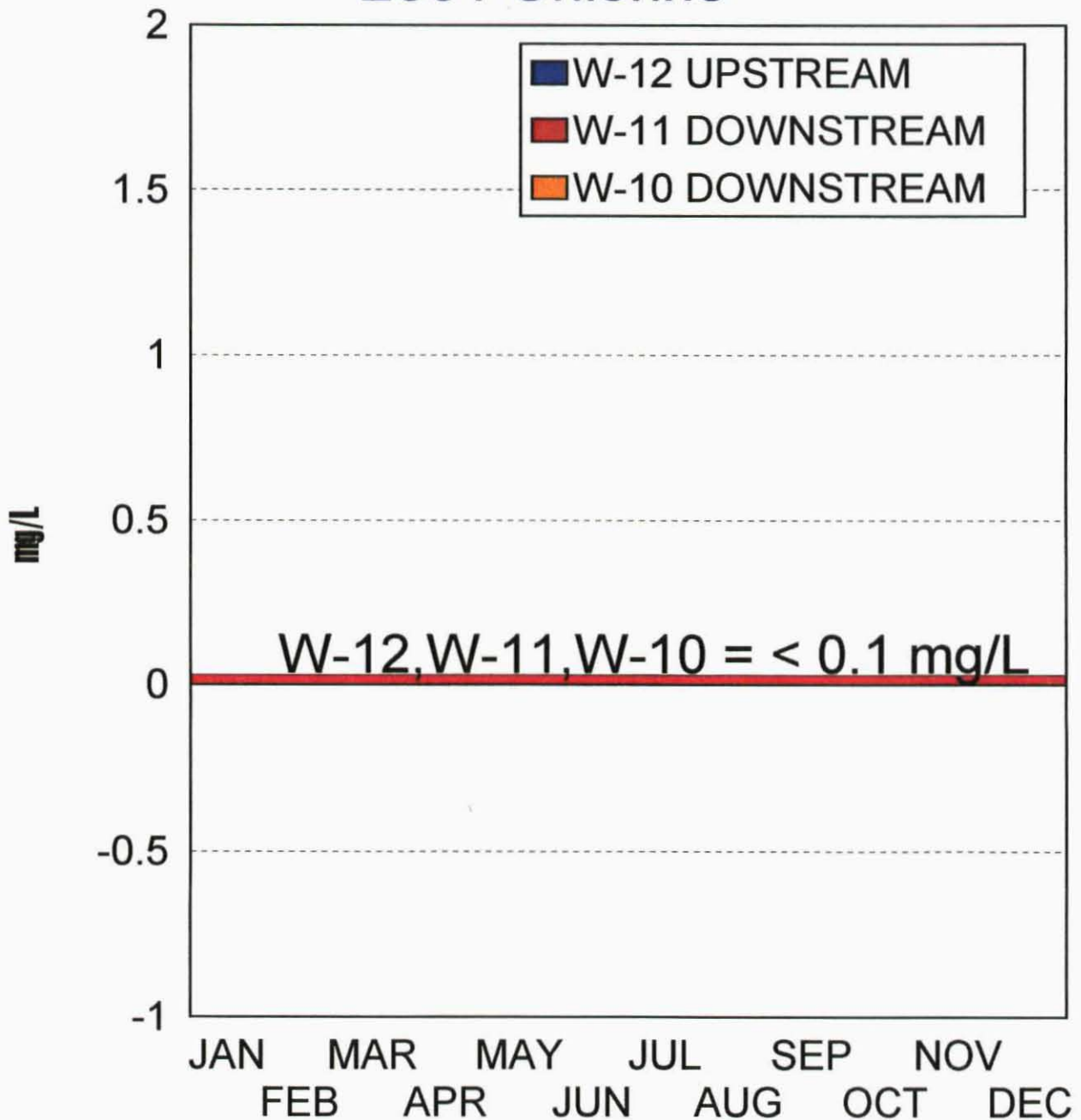
Receiving Water Constituents 2001 Turbidity



RECEIVING WATER CONSTITUENTS FOR 2001

MONTH	<u>Chlorine</u>		
	W-12 mg/L	W-11 mg/L	W-10 mg/L
January	<0.1	<0.1	<0.1
February	<0.1	<0.1	<0.1
March	<0.1	<0.1	<0.1
April	<0.1	<0.1	<0.1
May	<0.1	<0.1	<0.1
June	<0.1	<0.1	<0.1
July	<0.1	<0.1	<0.1
August	<0.1	<0.1	<0.1
September	<0.1	<0.1	<0.1
October	<0.1	<0.1	<0.1
November	<0.1	<0.1	<0.1
December	<0.1	<0.1	<0.1
Average	<0.1	<0.1	<0.1
W.Q.C.B. Limit	NONE	NONE	NONE

Receiving Water Constituents 2001 Chlorine



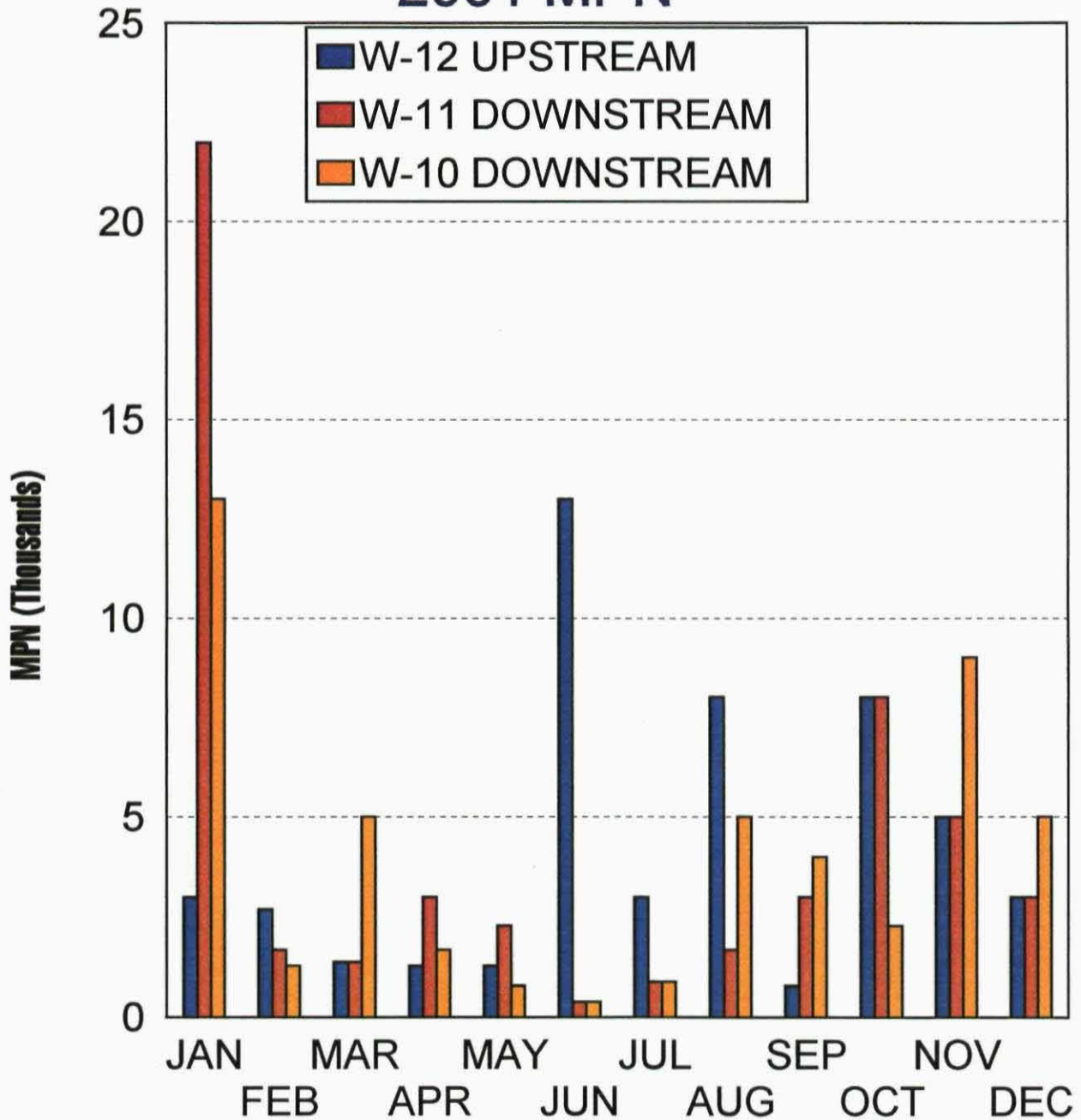
RECEIVING WATER CONSTITUENTS FOR 2001

Most Probable Number

MONTH	W-12 MPN	W-11 MPN	W-10 MPN
January	3000	22000	13000
February	2700	1700	1300
March	1400	1400	5000
April	1300	3000	1700
May	1300	2300	800
June	13000	400	400
July	3000	900	900
August	8000	1700	5000
September	800	3000	4000
October	8000	8000	2300
November	5000	5000	9000
December	3000	3000	5000
Average	4208	4367	4033
W.Q.C.B. Limit	NONE	NONE	NONE

Receiving Water Constituents

2001 MPN

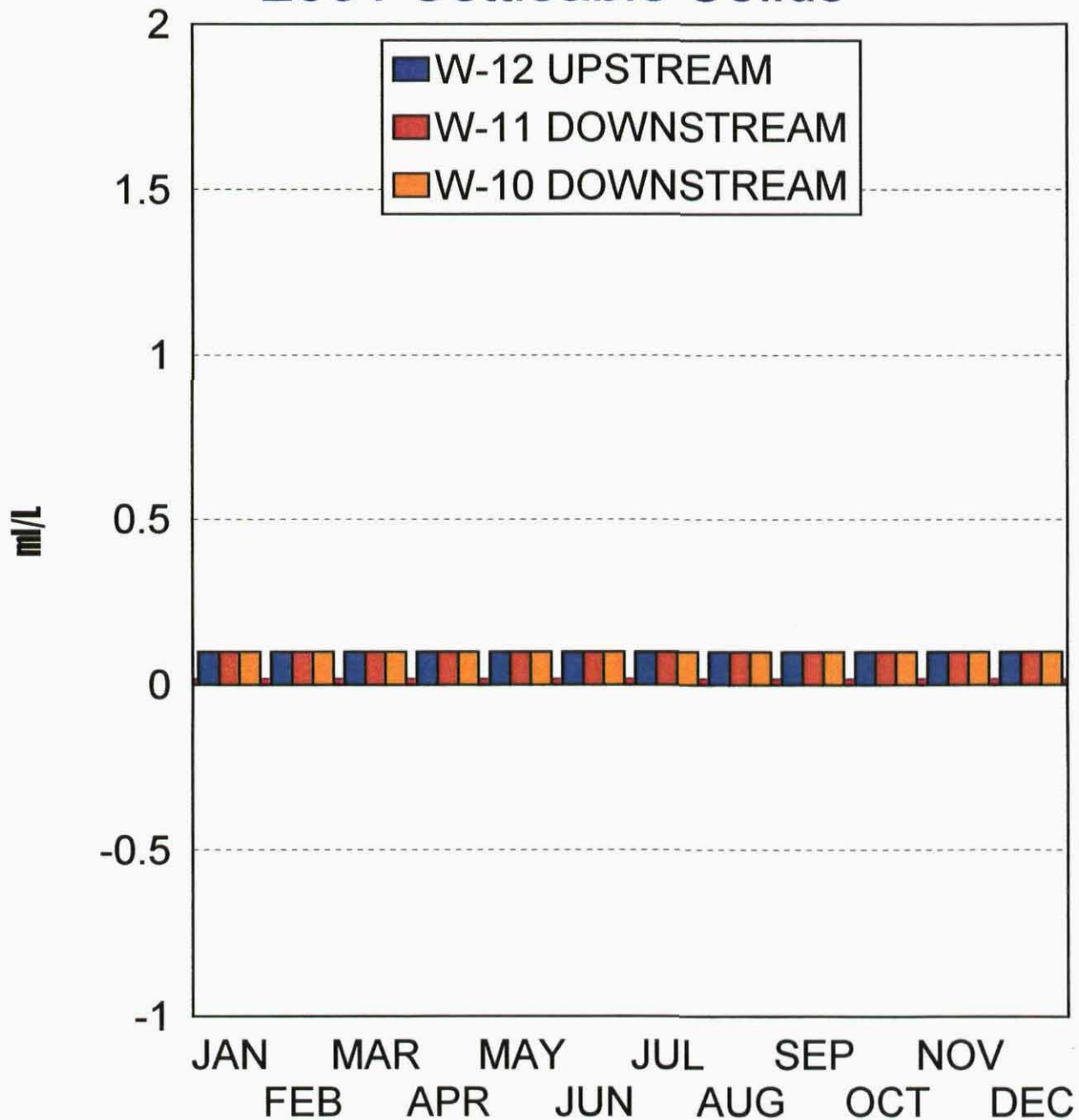


RECEIVING WATER CONSTITUENTS FOR 2001

Settleable Solids

MONTH	W-12 mg/L	W-11 mg/L	W-10 mg/L
January	<0.1	<0.1	<0.1
February	<0.1	<0.1	<0.1
March	<0.1	<0.1	<0.1
April	<0.1	<0.1	<0.1
May	<0.1	<0.1	<0.1
June	<0.1	<0.1	<0.1
July	<0.1	<0.1	<0.1
August	<0.1	<0.1	<0.1
September	<0.1	<0.1	<0.1
October	<0.1	<0.1	<0.1
November	<0.1	<0.1	<0.1
December	<0.1	<0.1	<0.1
Average	<0.1	<0.1	<0.1
W.Q.C.B. Limit	NONE	NONE	NONE

Receiving Water Constituents 2001 Settleable Solids



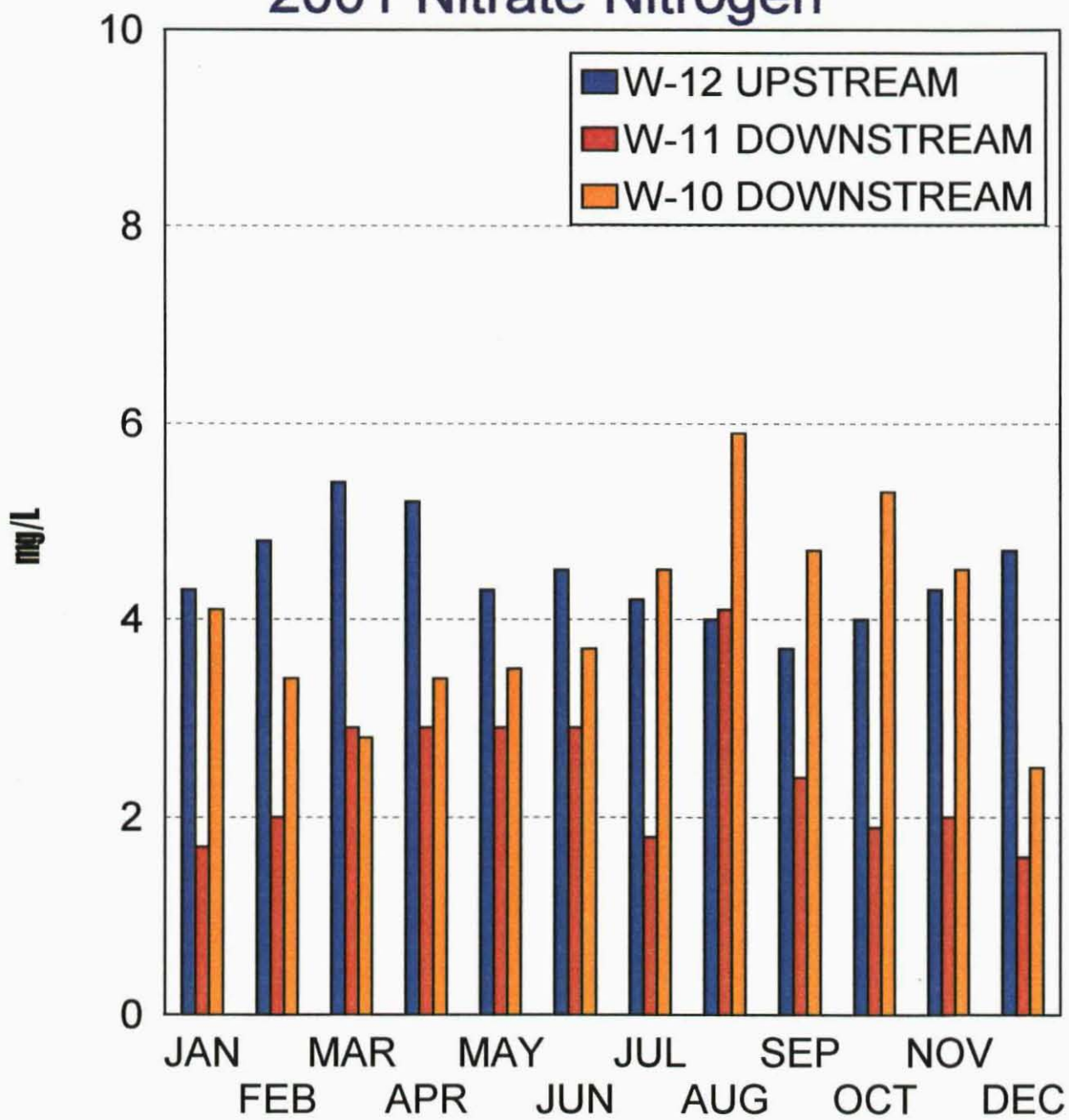
RECEIVING WATER CONSTITUENTS FOR 2001

Nitrate Nitrogen

MONTH	W-12 mg/L	W-11 mg/L	W-10 mg/L
January	4.3	1.7	4.1
February	4.8	2.0	3.4
March	5.4	2.9	2.8
April	5.2	2.9	3.4
May	4.3	2.9	3.5
June	4.5	2.9	3.7
July	4.2	1.8	4.5
August	4.0	4.1	5.9
September	3.7	2.4	4.7
October	4.0	1.9	5.3
November	4.3	2.0	4.5
December	4.7	1.6	2.5
Average	4.5	2.4	4.0
W.Q.C.B. Limit	NONE	NONE	NONE

Receiving Water Constituents

2001 Nitrate Nitrogen

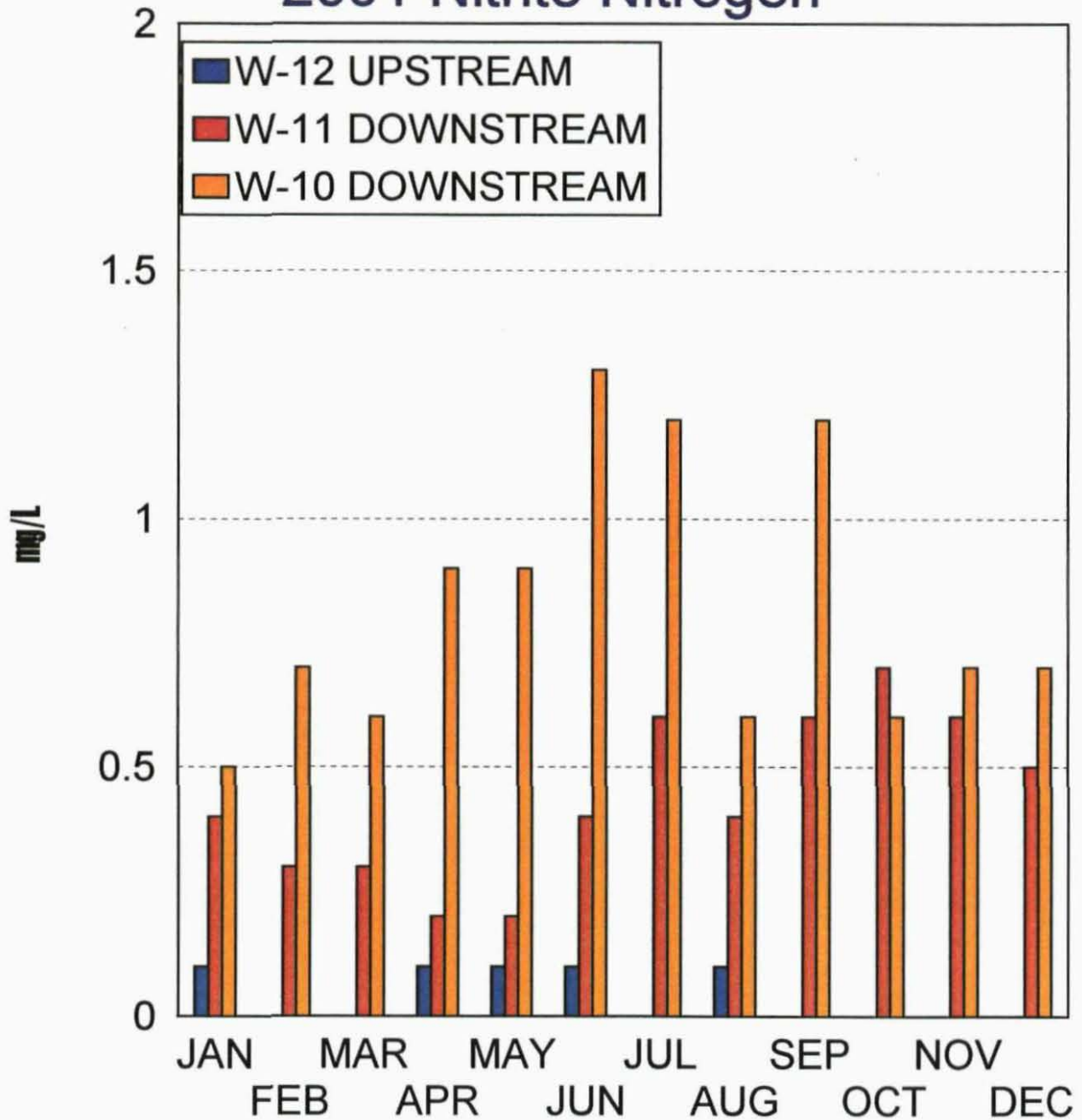


RECEIVING WATER CONSTITUENTS FOR 2001

Nitrite Nitrogen

MONTH	W-12 mg/L	W-11 mg/L	W-10 mg/L
January	0.1	0.4	0.5
February	0.0	0.3	0.7
March	0.0	0.3	0.6
April	0.1	0.2	0.9
May	0.1	0.2	0.9
June	1.0	0.4	1.3
July	0.0	0.6	1.2
August	0.1	0.4	0.6
September	0.0	0.6	1.2
October	0.0	0.7	0.6
November	0.0	0.6	0.7
December	0.0	0.5	0.7
Average	0.1	0.4	0.8
W.Q.C.B. Limit	NONE	NONE	NONE

Receiving Water Constituents 2001 Nitrite Nitrogen



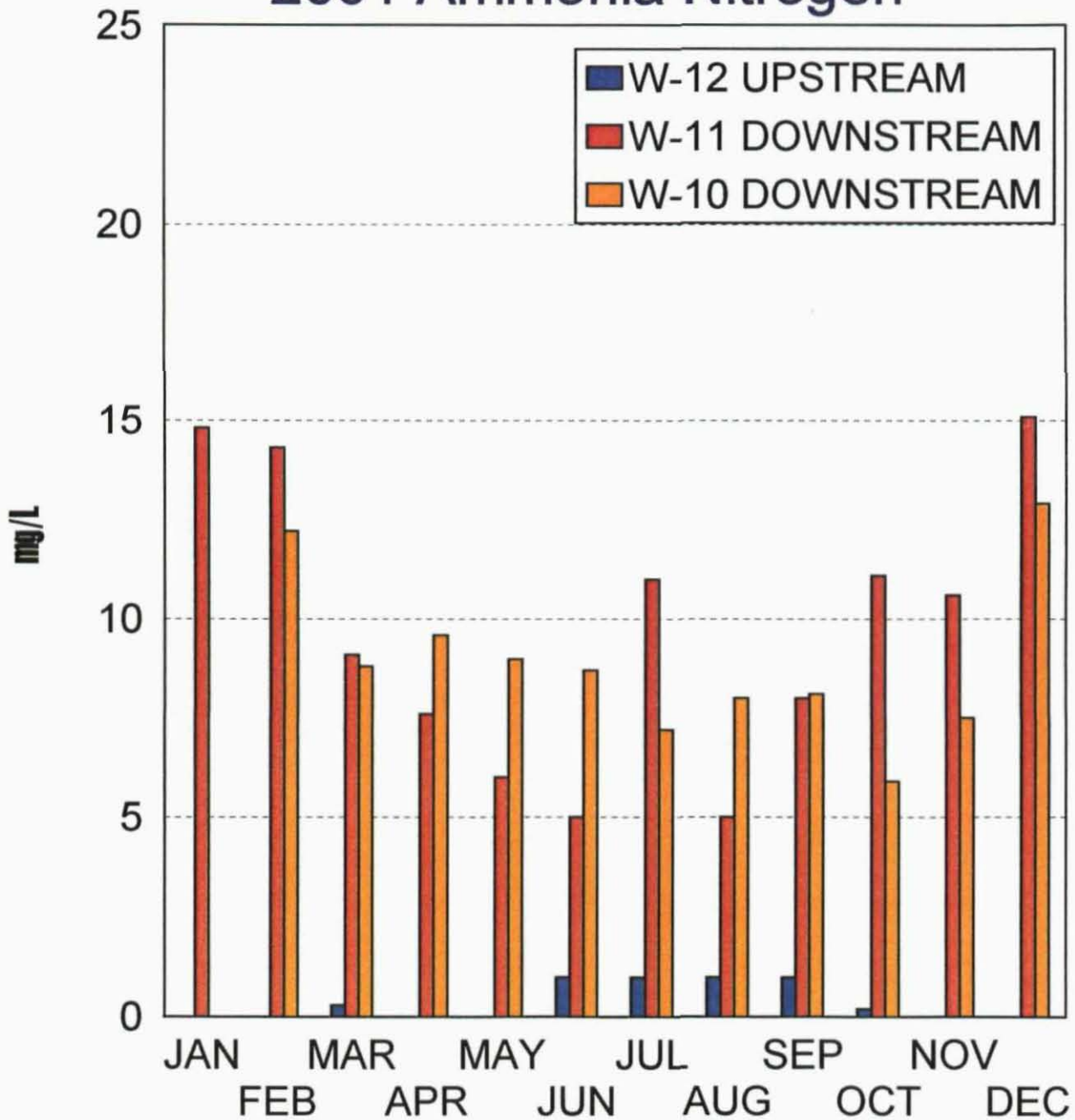
RECEIVING WATER CONSTITUENTS FOR 2001

Ammonia Nitrogen

MONTH	W-12 mg/L	W-11 mg/L	W-10 mg/L
January	0.0	14.8	0.0
February	0.0	14.3	12.2
March	0.3	9.1	8.8
April	0.0	7.7	9.6
May	0.0	6.0	9.0
June	1.0	5.0	8.7
July	1.0	11.0	7.2
August	1.0	5.0	8.0
September	1.0	8.1	8.1
October	0.2	11.9	5.9
November	0.0	10.6	7.5
December	0.0	15.1	12.9
Average	0.4	9.8	8.2
W.Q.C.B. Limit	NONE	NONE	NONE

Receiving Water Constituents

2001 Ammonia Nitrogen

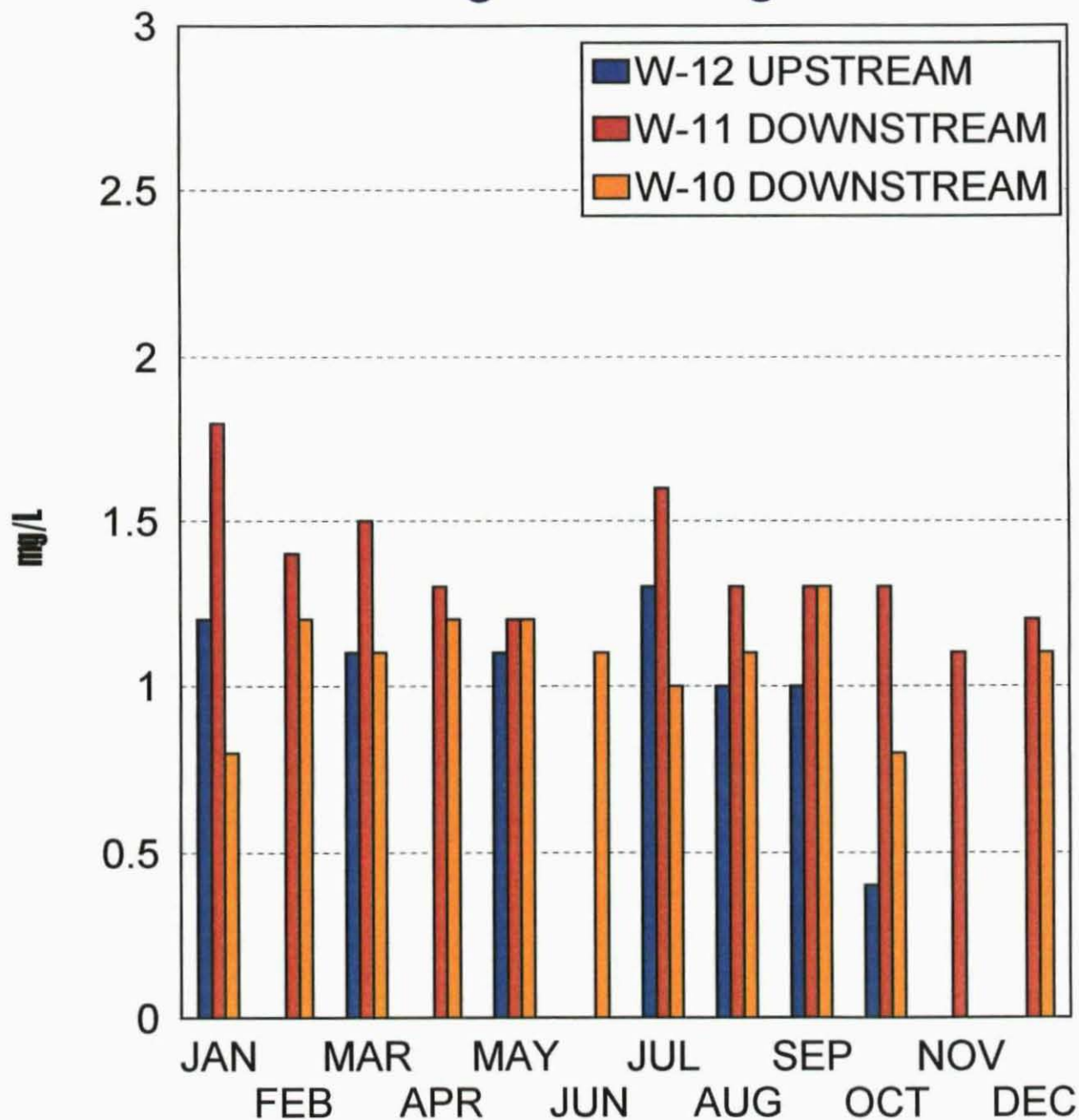


RECEIVING WATER CONSTITUENTS FOR 2001

Organic Nitrogen

MONTH	W-12 mg/L	W-11 mg/L	W-10 mg/L
January	1.2	1.8	0.0
February	0.0	1.4	1.2
March	1.1	1.5	1.1
April	0.0	1.3	1.2
May	1.1	1.2	1.2
June	0.0	0.0	1.1
July	1.3	1.6	1.0
August	1.0	1.4	1.1
September	1.0	1.3	1.3
October	0.4	1.3	0.8
November	0.0	1.1	0.0
December	0.0	1.2	1.1
Average	0.6	1.3	0.9
W.Q.C.B. Limit	NONE	NONE	NONE

Receiving Water Constituents 2001 Organic Nitrogen

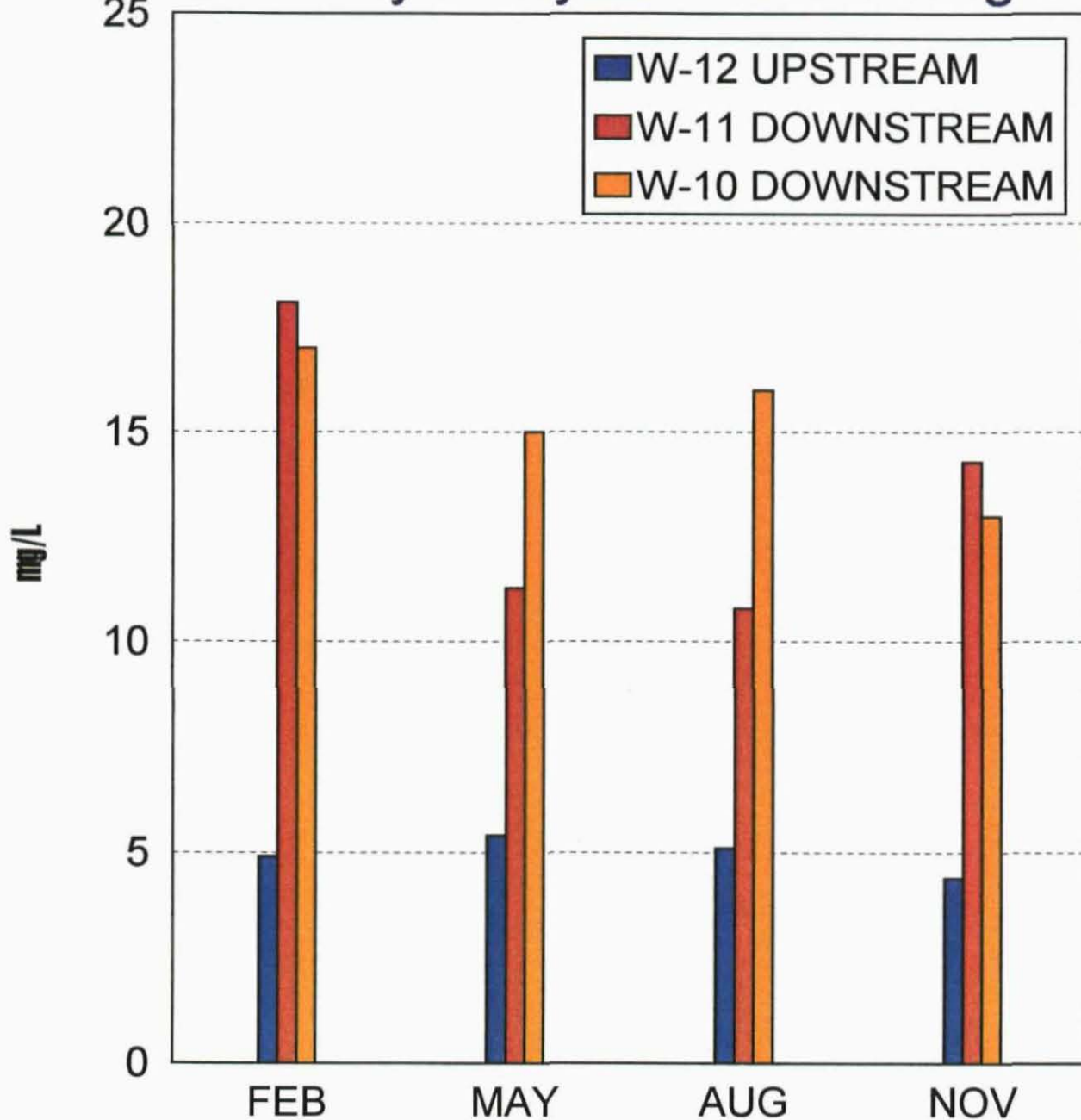


RECEIVING WATER CONSTITUENTS FOR 2001

MONTH	<u>Total Nitrogen</u>		
	W-12 mg/L	W-11 mg/L	W-10 mg/L
February	4.9	18.1	17.0
May	5.4	11.3	15.0
August	5.1	10.8	16.0
November	4.4	14.3	13.0
Average	5.0	13.6	15.3
W.Q.C.B. Limit	NONE	NONE	NONE

Receiving Water Constituents

2001 Quarterly Analysis - Total Nitrogen

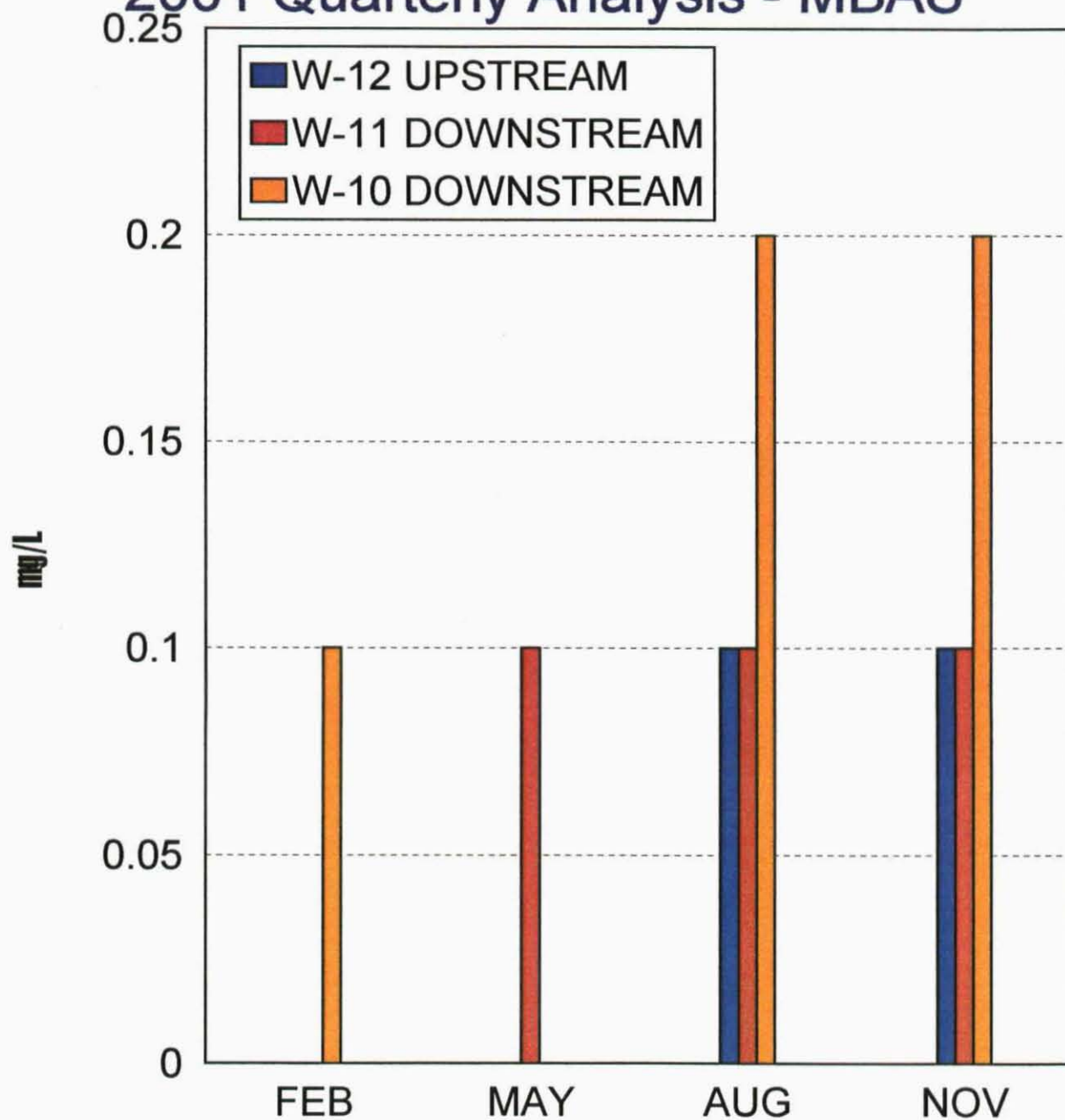


RECEIVING WATER CONSTITUENTS FOR 2001

MONTH	<u>Total Surfactants</u>		
	W-12 mg/L	W-11 mg/L	W-10 mg/L
February	0.0	0.0	0.1
May	0.0	0.1	0.0
August	0.1	0.1	0.2
November	0.1	0.1	0.2
Average	0.1	0.1	0.1
W.Q.C.B. Limit	NONE	NONE	NONE

Receiving Water Constituents

2001 Quarterly Analysis - MBAS



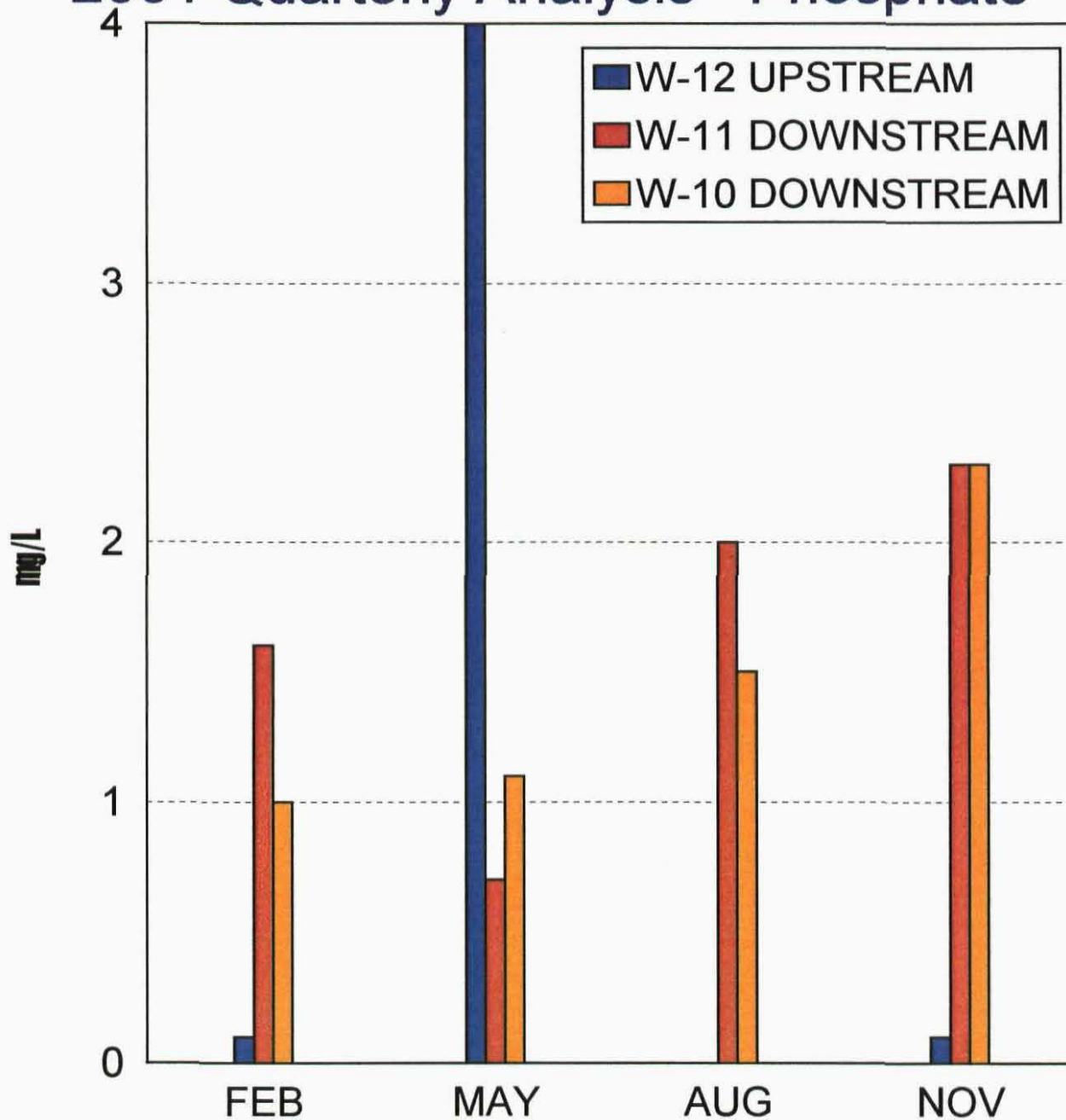
RECEIVING WATER CONSTITUENTS FOR 2001

Total Phosphates

MONTH	W-12 mg/L	W-11 mg/L	W-10 mg/L
February	0.1	1.6	1.0
May	4.0	0.7	1.1
August	0.0	2.0	1.5
November	0.1	2.3	2.3
Average	1.0	1.7	1.5
W.Q.C.B. Limit	NONE	NONE	NONE

Receiving Water Constituents

2001 Quarterly Analysis - Phosphate



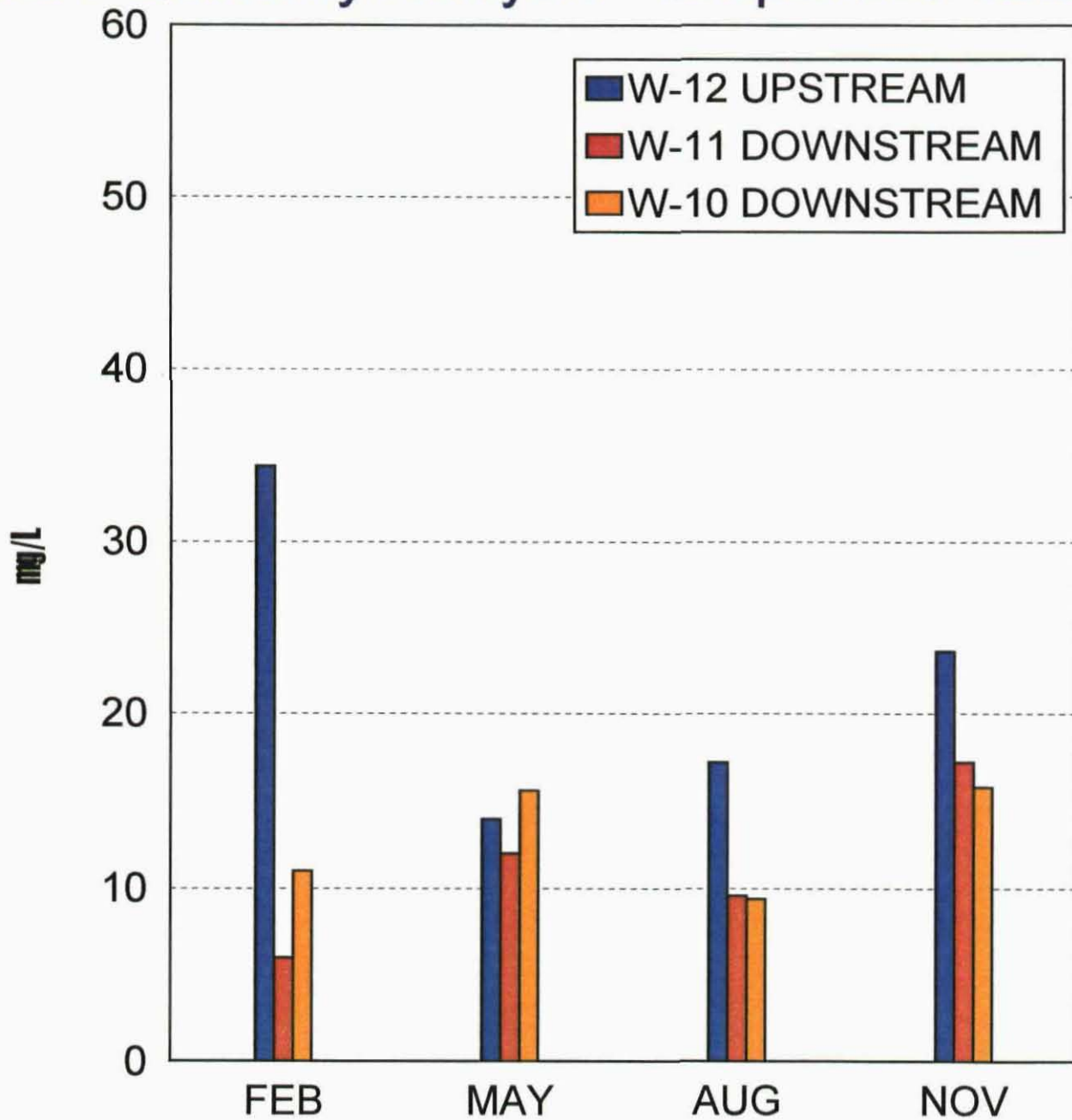
RECEIVING WATER CONSTITUENTS FOR 2001

Suspended Solids

MONTH	W-12 mg/L	W-11 mg/L	W-10 mg/L
February	34.4	6.0	11.0
May	14.0	12.0	15.6
August	17.2	9.6	9.5
November	23.6	17.2	15.8
Average	22.3	11.2	13.0
W.Q.C.B. Limit	NONE	NONE	NONE

Receiving Water Constituents

2001 Quarterly Analysis - Suspended Solids



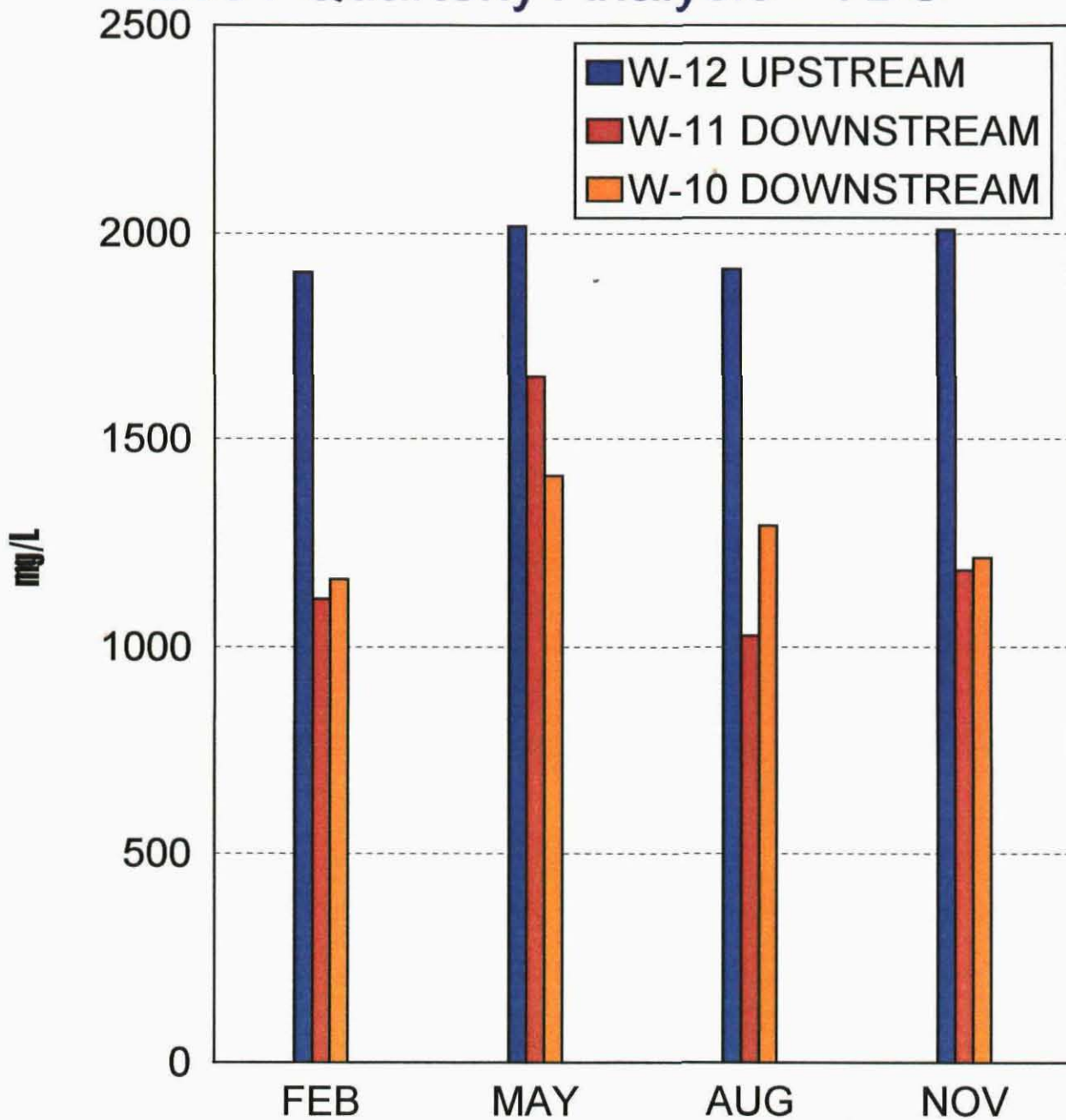
RECEIVING WATER CONSTITUENTS FOR 2001

Total Dissolves Solids

MONTH	W-12 mg/L	W-11 mg/L	W-10 mg/L
February	1906	1116	1162
May	2018	1651	1411
August	1914	1028	1291
November	2011	1184	1215
Average	1962	1245	1270
W.Q.C.B. Limit	NONE	NONE	NONE

Receiving Water Constituents

2001 Quarterly Analysis - TDS



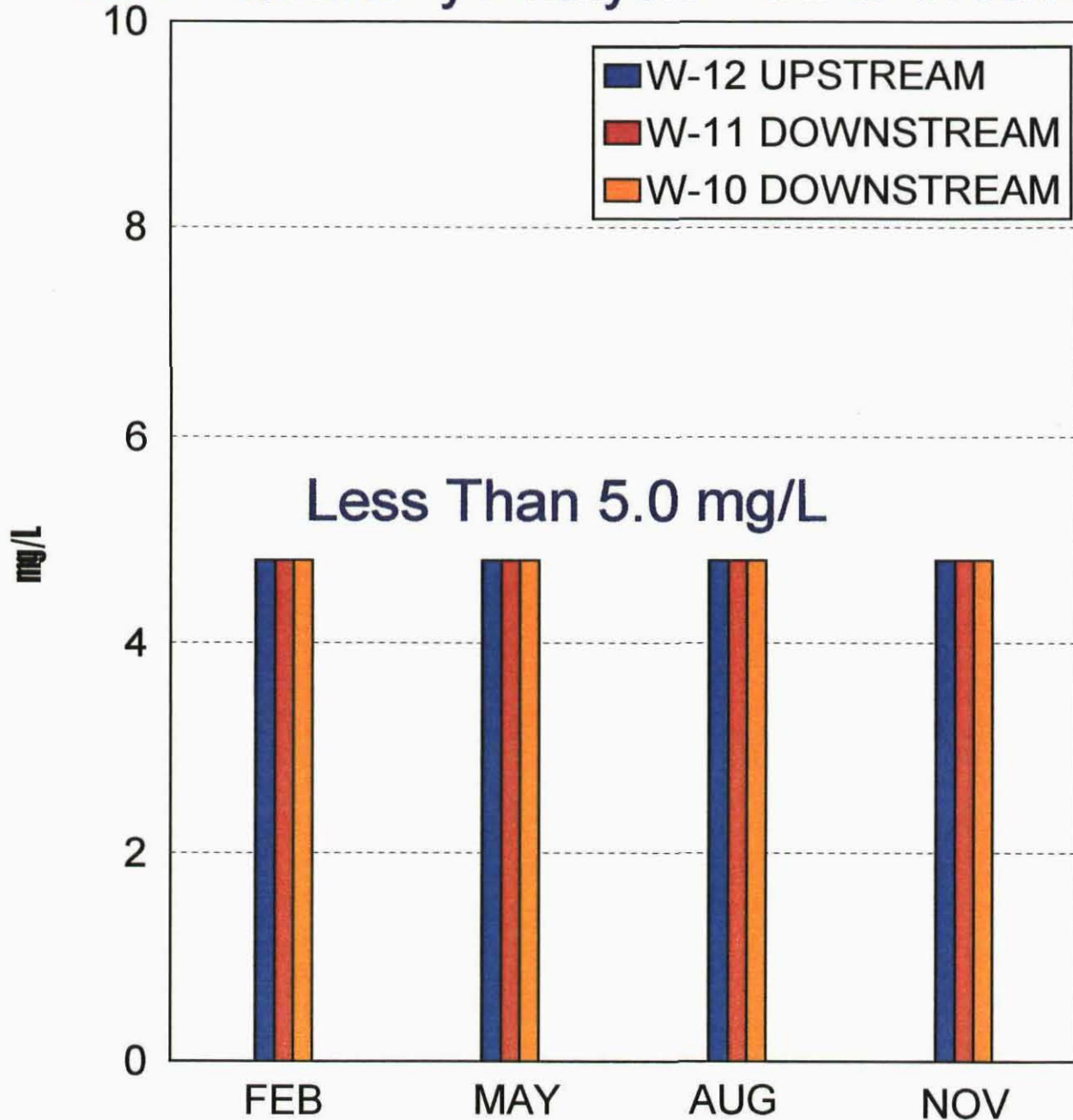
RECEIVING WATER CONSTITUENTS FOR 2001

Oil and Grease

MONTH	W-12 mg/L	W-11 mg/L	W-10 mg/L
February	<5	<5	<5
May	<5	<5	<5
August	<5	<5	<5
November	<5	<5	<5
Average	<5	<5	<5
W.Q.C.B. Limit	NONE	NONE	NONE

Receiving Water Constituents

2001 Quarterly Analysis - Oil & Grease

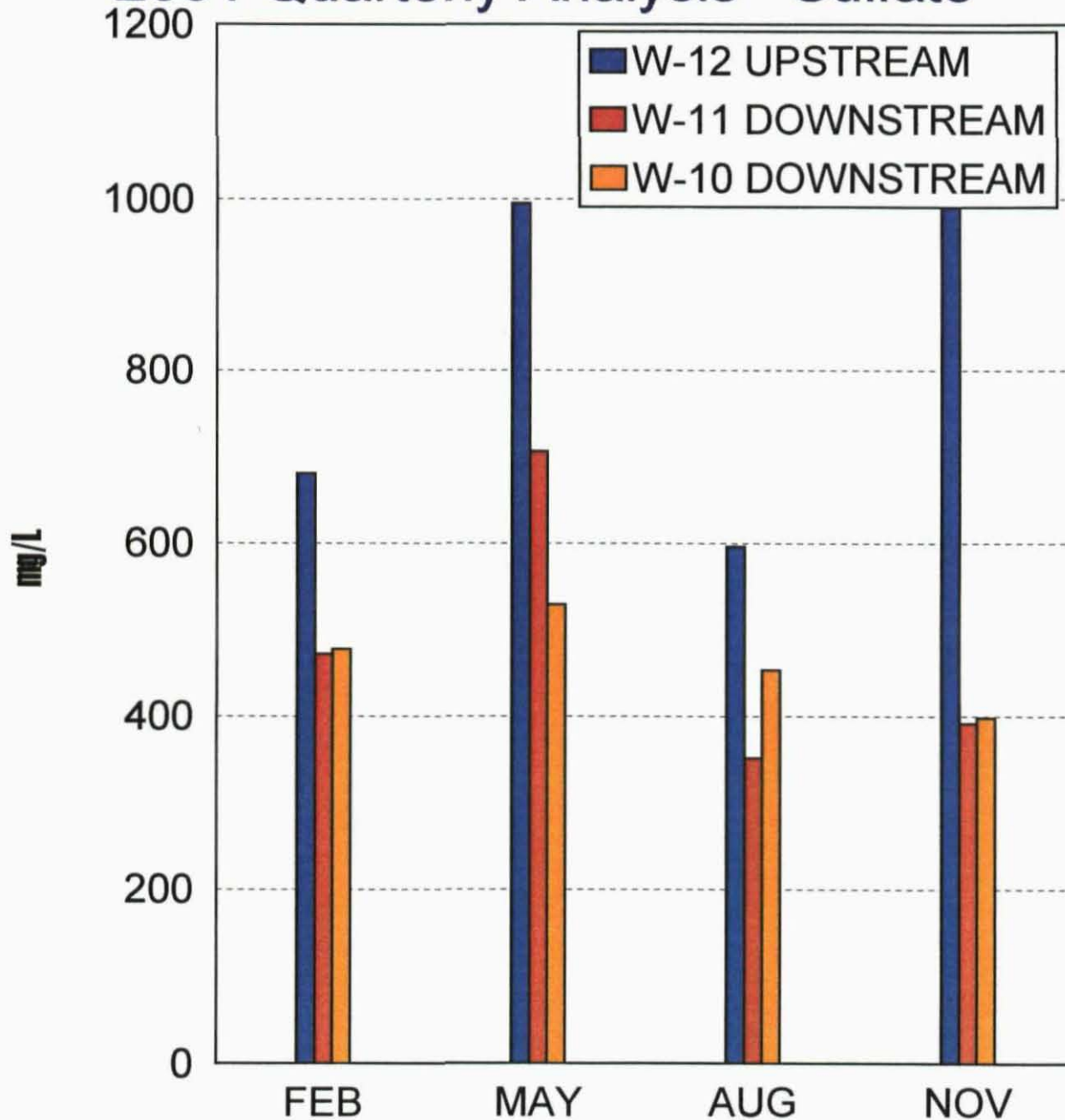


RECEIVING WATER CONSTITUENTS FOR 2001

MONTH	<u>Sulfate</u>		
	W-12 mg/L	W-11 mg/L	W-10 mg/L
February	680	473	478
May	995	706	530
August	596	352	454
November	1115	392	298
Average	847	481	465
W.Q.C.B. Limit	NONE	NONE	NONE

Receiving Water Constituents

2001 Quarterly Analysis - Sulfate

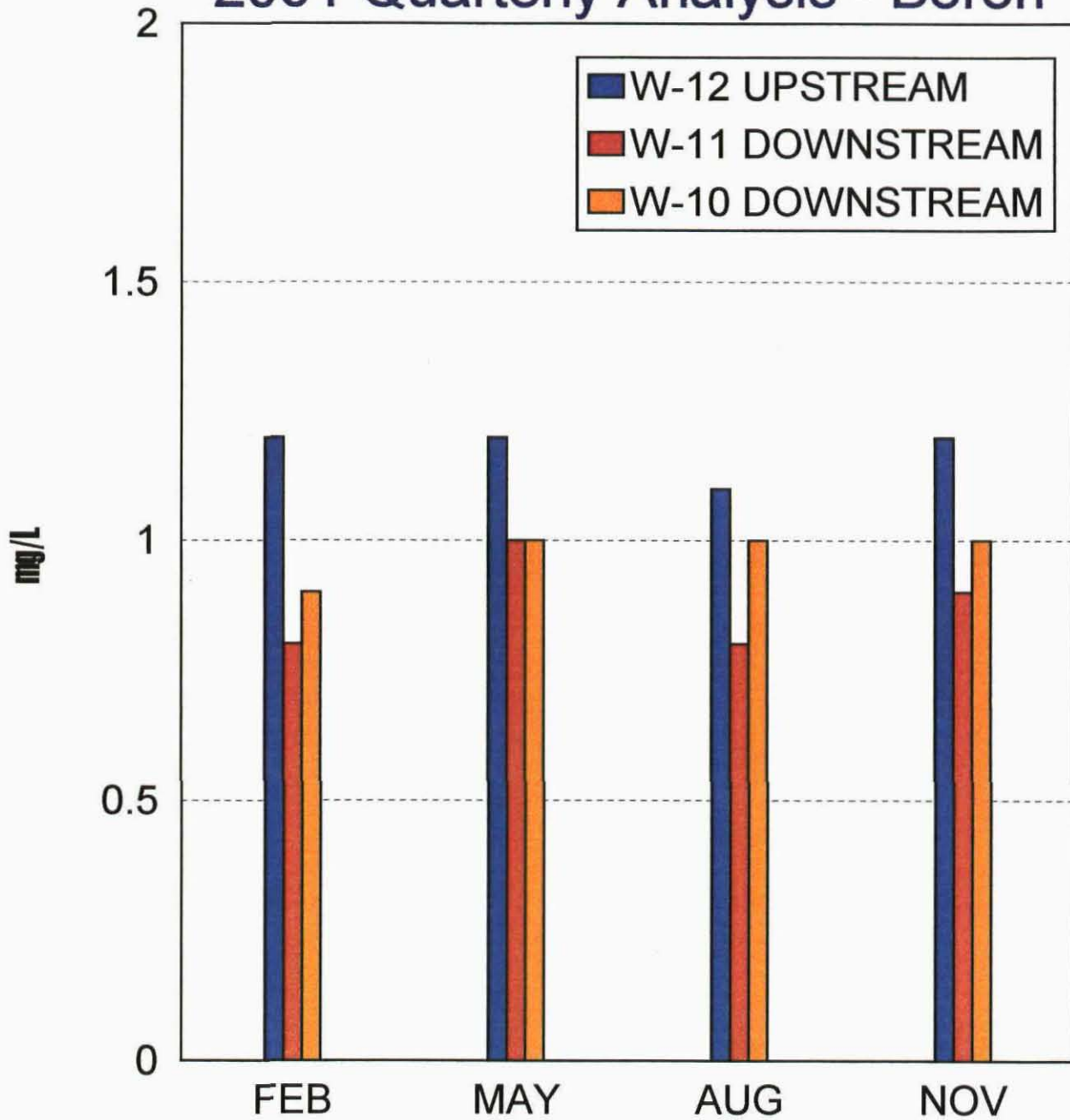


RECEIVING WATER CONSTITUENTS FOR 2001

MONTH	<u>Boron</u>		
	W-12 mg/L	W-11 mg/L	W-10 mg/L
February	1.2	0.8	0.9
May	1.2	1.0	1.0
August	1.1	0.8	1.0
November	1.2	0.9	1.0
Average	1.2	0.8	1.0
W.Q.C.B. Limit	NONE	NONE	NONE

Receiving Water Constituents

2001 Quarterly Analysis - Boron

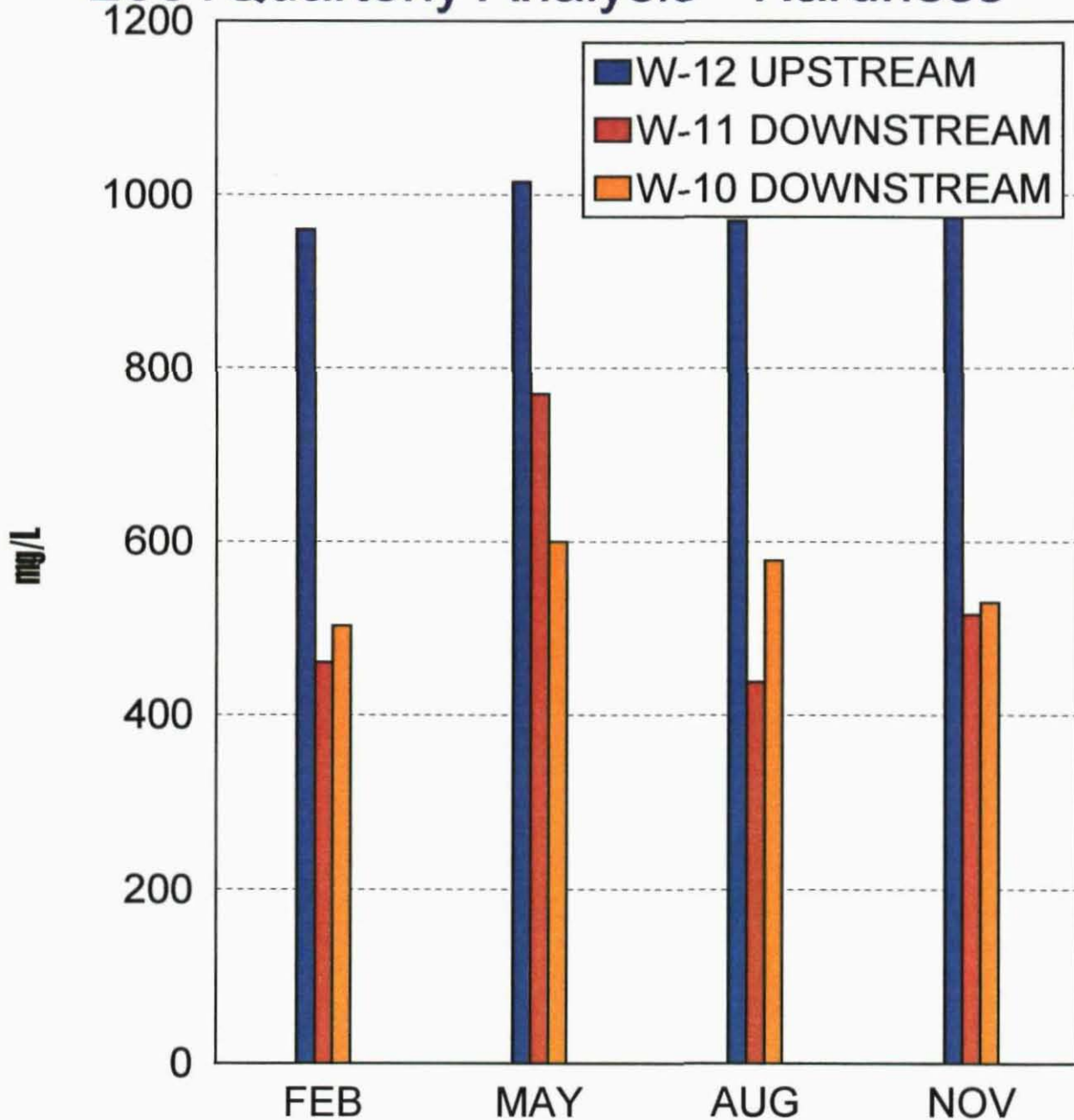


RECEIVING WATER CONSTITUENTS FOR 2001

MONTH	<u>Hardness</u>		
	W-12 mg/L	W-11 mg/L	W-10 mg/L
February	960	460	502
May	1015	770	600
August	970	438	578
November	1040	515	529
Average	996	646	552
W.Q.C.B. Limit	NONE	NONE	NONE

Receiving Water Constituents

2001 Quarterly Analysis - Hardness



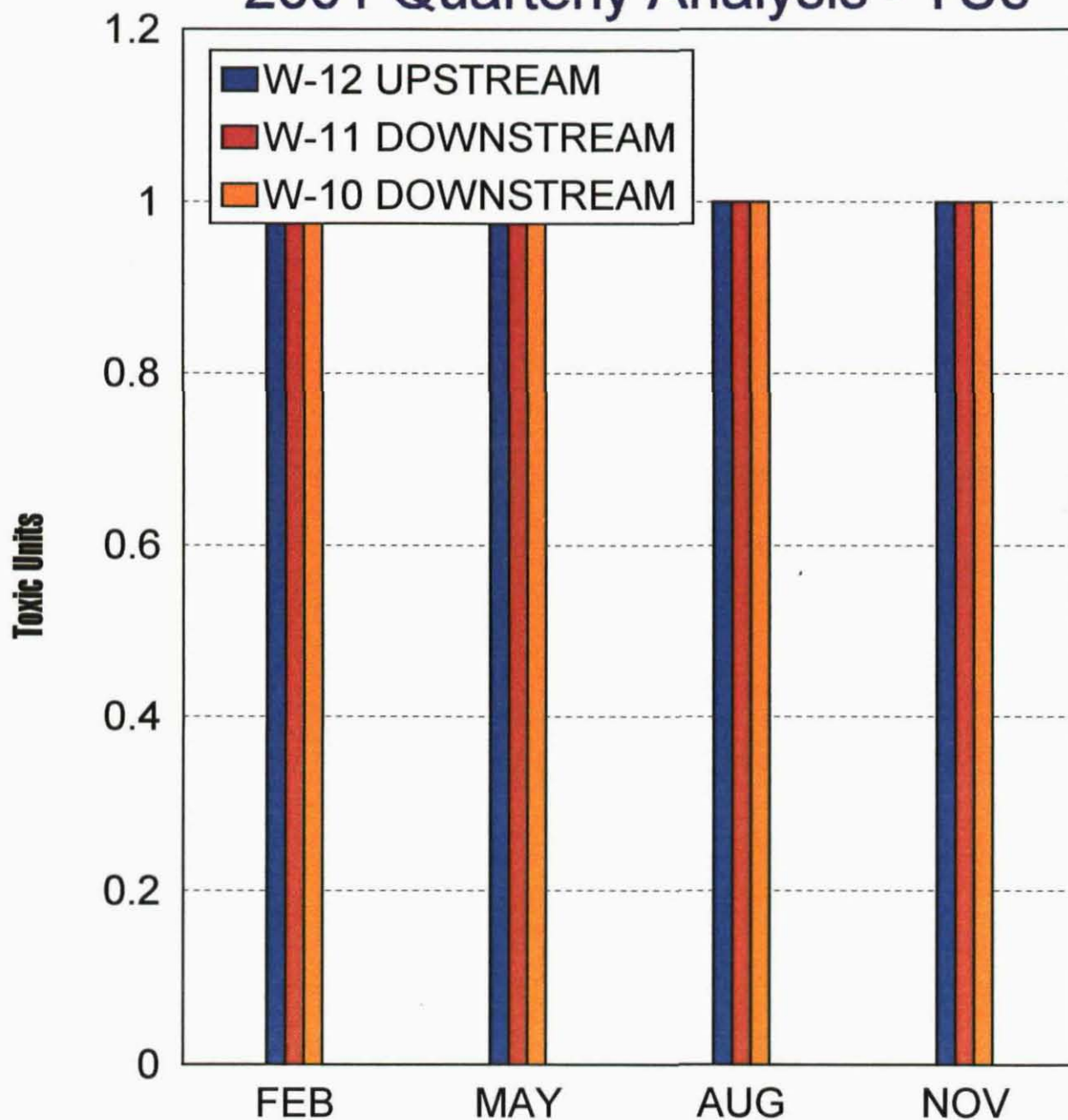
RECEIVING WATER CONSTITUENTS FOR 2001

Chronic Toxicity

MONTH	W-12 TUC	W-11 TUC	W-10 TUC
February	1.00	1.00	1.00
May	1.00	1.00	1.00
August	1.00	1.00	1.00
November	1.00	1.00	1.00
Average	1.00	1.00	1.00
W.Q.C.B. Limit	NONE	NONE	NONE

Receiving Water Constituents

2001 Quarterly Analysis - TUC

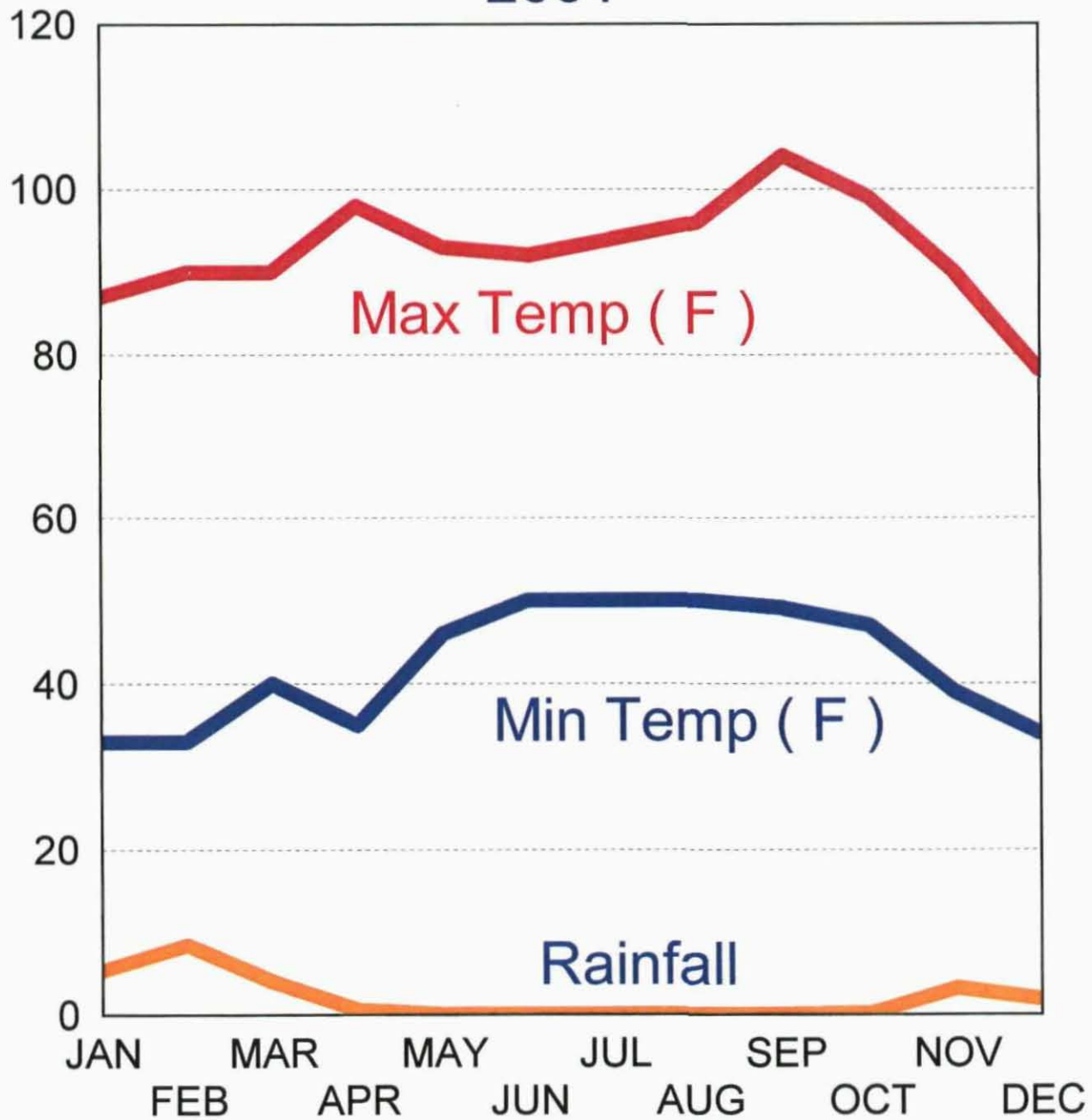


**MONTHLY AVERAGES OF DAILY TEMPERATURES
AND PRECIPITATION FOR 2001**

Temperature (°F)

MONTH	Minimum	Maximum	Rainfall (in Inches)
January	33	87	5.2
February	33	90	8.4
March	40	90	3.9
April	35	98	0.5
May	46	93	0.0
June	50	92	0.0
July	50	94	0.0
August	50	96	0.0
September	49	104	0.0
October	47	99	0.2
November	39	90	3.1
December	34	78	1.8
Average	42	93	1.91
Total	N/A	N/A	23
W.Q.C.B. Limit	NONE	NONE	NONE

Temperature And Rainfall Averages 2001



RECEIVING WATER CONSTITUENTS FOR 2001

Semi-Annual Testing for
Arsenic, Cadmium, Chromium, Copper, Nickel, Lead,
Oil and Grease, Surfactants MBAS
Chlorinated Pesticides, N and P Pesticides, BNA,
Total Petroleum Hydrocarbon

Date: February 6, 2001

Constituents	mg/L *D.L.	W-12 mg/L	W-11 mg/L	W-10 mg/L
Arsenic	0.005	ND	ND	ND
Cadmium	0.005	ND	ND	ND
Chromium	0.03	ND	ND	ND
Copper	0.02	ND	ND	ND
Nickel	0.03	ND	ND	ND
Lead	0.05	ND	ND	ND
Zinc	0.04	0.08	0.02	0.02
Oil & Grease	5.0	ND	ND	ND
Surfactants	0.1	ND	ND	0.12
Chlorinated Pesticides		See Attachment 1	See Attachment 2	See Attachment 3
N & P Pesticides		See Attachment 1	See Attachment 2	See Attachment 3
BNA		See Attachment 1	See Attachment 2	See Attachment 3
Total Petroleum Hydrocarbon		See Attachment 1	See Attachment 2	See Attachment 3

*Detection Limit

ATTACHMENT 1
RECEIVING WATER RESULTS
W - 12

CITY OF SIMI VALLEY



2929 Tapo Canyon Road, Simi Valley, CA 93063-2199 • (805) 583-6700 • <http://www.simivalley.org>

SIMI VALLEY WATER QUALITY CONTROL PLANT LABORATORY

Laboratory Results			
Sample ID – Semi-Annual W12 Lab.# 8712	Sample Date – 02/06/01	Collected by – K.Besnia and G. Domingo	Sampling Point – W12
Analyte	Method	Detection Limit	Results mg/l
Cadmium	213.1	0.005	ND
Chromium	218.1	0.03	ND
Copper	220.1	0.02	ND
Lead	239.1	0.05	ND
Nickel	249.1	0.03	ND
Zinc	289.1	0.004	0.008

Simi Valley Sanitation Plant Laboratory

Barbara M. Santos

Barbara M. Santos
Laboratory Supervisor

W12SA200

-1-

BILL DAVIS
Mayor

BARBRA WILLIAMSON
Mayor-Pro Tem

PAUL MILLER
Council Member

GLEN T. BECERRA
Council Member

STEVEN T. SOJKA
Council Member



City of Simi Valley, Water Quality Control Plant Client Project ID: Semi-annual Monitoring
 2999 Tapo Canyon Road CSV Lab# 8712, W12
 Simi Valley, CA 93063 Report Number: IKB0178
 Attention: Barbara Santos

Sampled: 02/06/01
 Received: 02/06/01

METALS

Analyte	Method	Batch	Reporting Limit mg/l	Sample Result mg/l	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IKB0178-01 (W12 Comp. # 8712 - Water)								
Arsenic	EPA 6010B	11B0831	0.0050	ND	1	2/8/01	2/8/01	



City of Simi Valley, Water Quality Control Plant Client Project ID: Semi-annual Monitoring
 2229 Tapo Canyon Road CSV Lab# 8712, W12
 Simi Valley, CA 93063 Report Number: IKB0178
 Attention: Barbara Santos

Sampled: 02/06/01
 Received: 02/06/01

INORGANICS

Analyte	Method	Batch	Reporting	Sample	Dilution	Date	Date	Data
			Limit	Result					Factor	Extracted	Analyzed	Qualifiers
			mg/l	mg/l				
Sample ID: IKB0178-01 (W12 Comp. # 8712 - Water)								
Oil & Grease	EPA 413.1	I1B0944	5.0	ND	1	2/9/01	2/9/01	
Surfactants (MBAS)	SM5540-C	I1B0730	0.10	ND	1	2/7/01	2/7/01	

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

Del Mar Analytical

2852 Alton Ave., Irvine, CA 92606 (949) 261-1022 FAX (949) 261-1223
1014 E. Cooley Dr., Suite A, Colton, CA 92324 (909) 370-4667 FAX (909) 370-1046
16525 Sherman Way, Suite C-11, Van Nuys, CA 92406 (818) 779-1844 FAX (818) 779-1643
9484 Chesapeake Dr., Suite 805, San Diego, CA 92123 (858) 505-9596 FAX (858) 505-9689
9830 South 51st St., Suite B-120, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0851

March 15, 2001

City of Simi Valley, Water Quality Control Plant
2929 Tapo Canyon Road
Simi Valley, CA 93063

Attention: Barbara Santos

Project: Semi-annual Monitoring CSV Lab# 8712, W12
Sampled: 2/06/01, Del Mar Analytical Number: IKB0178

Dear Ms. Santos:

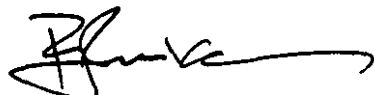
Enclosed please find the report for the project referenced above. The Pesticides and PCBs analyses by EPA Methods 507 & 508 were subcontracted to Montgomery Watson Laboratories. The cross-reference identification is as follows:

City of Simi Valley ID	Del Mar - Irvine ID	Montgomery Watson ID
W12 Comp. # 8712	IKB0178-01	2102080201

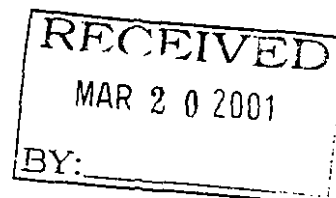
Attached is the original report from Montgomery Watson Laboratories. If you have any questions or require further assistance, please do not hesitate to contact me.

Sincerely yours,

DEL MAR ANALYTICAL



Rachel Parker
Project Manager



Montgomery Watson Laboratories
555 E. Walnut St., Pasadena, CA 91101
PHONE: 626-568-6400/FAX: 626-568-6324

ACKNOWLEDGMENT OF SAMPLES RECEIVED

Del Mar Analytical-Irvine
2852 Alton Ave.
Irvine, CA 92714
Attn: Michele Harper
Phone: 949-261-1022

Customer Code: DELMAR-IRV
Group#: 74976
Project#: SUBCONTRACT
Proj Mgr: Debbie Frank
Phone: (626) 568-6449

The following samples were received from you on 02/08/01. They have been scheduled for the tests listed beside each sample. If this information is incorrect, please contact your service representative. Thank you for using Montgomery Watson Laboratories.

Sample#	Sample Id	Tests Scheduled	Matrix	Sample Date
2102080201	IKB0178-01	@NPS1-CA @PESTSDW	Water	06-feb-2001 11:00:00

Test Acronym Description

Test Acronym	Description
@NPS1-CA	Pesticides; N/P; Short list
@PESTSDW	SDWA Pesticides



MONTGOMERY WATSON LABORATORIES

a Division of Montgomery Watson Americas, Inc.
555 East Walnut Street
Pasadena, California 91101
Tel: 626 568 6400 Fax: 626 568 6324
1 800 568 LABS (1 800 566 5227)

Laboratory
Data Report
#74976

Del Mar Analytical-Irvine
Michele Harper
2852 Alton Ave.
Irvine , CA 92714

Samples Received
02/08/01

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
----------	----------	---------	--------	---------	--------	-------	-----	----------

IKB0178-01 (2102080201) Sampled on 02/06/01 11:00

W12 # 8712

Pesticides; N/P; Short list

02/12/01	02/18/01	00:00	135423	(ML/EPA 507) Alachlor (Alanex)	ND	ug/l	0.20	1
02/12/01	02/18/01	00:00	135423	(ML/EPA 507) Atrazine	ND	ug/l	0.10	1
02/12/01	02/18/01	00:00	135423	(ML/EPA 507) Bromacil	ND	ug/l	2.2	1
02/12/01	02/18/01	00:00	135423	(ML/EPA 507) Cyanazine	ND	ug/l	0.50	1
02/12/01	02/18/01	00:00	135423	(ML/EPA 507) Diazinon	ND	ug/l	0.10	1
02/12/01	02/18/01	00:00	135423	(ML/EPA 507) Dimethoate (Cygon)	ND	ug/l	10	1
02/12/01	02/18/01	00:00	135423	(ML/EPA 507) Molinate	ND	ug/l	0.40	1
02/12/01	02/18/01	00:00	135423	(ML/EPA 507) Prometryn (Caparol)	ND	ug/l	0.50	1
02/12/01	02/18/01	00:00	135423	(ML/EPA 507) Simazine (Princep)	ND	ug/l	0.070	1
02/12/01	02/18/01	00:00	135423	(ML/EPA 507) Thiobencarb (Bolero)	ND	ug/l	1.0	1
				(Surrogate) 1,3-Dimethyl-2-nitrobenzene	96	% Rec		

SDWA Pesticides

02/09/01	02/23/01	00:00	136014	(ML/EPA 508) PCB 1016 Aroclor	ND	ug/l	0.070	1
02/09/01	02/23/01	00:00	136014	(ML/EPA 508) PCB 1221 Aroclor	ND	ug/l	0.10	1
02/09/01	02/23/01	00:00	136014	(ML/EPA 508) PCB 1232 Aroclor	ND	ug/l	0.10	1
02/09/01	02/23/01	00:00	136014	(ML/EPA 508) PCB 1242 Aroclor	ND	ug/l	0.10	1
02/09/01	02/23/01	00:00	136014	(ML/EPA 508) PCB 1248 Aroclor	ND	ug/l	0.10	1
02/09/01	02/23/01	00:00	136014	(ML/EPA 508) PCB 1254 Aroclor	ND	ug/l	0.10	1
02/09/01	02/23/01	00:00	136014	(ML/EPA 508) PCB 1260 Aroclor.	ND	ug/l	0.10	1
02/09/01	02/23/01	00:00	136014	(ML/EPA 508) Alpha-BHC	ND	ug/l	0.010	1
02/09/01	02/23/01	00:00	136014	(ML/EPA 508) Alachlor (Alanex)	ND	ug/l	0.050	1
02/09/01	02/23/01	00:00	136014	(ML/EPA 508) Aldrin	ND	ug/l	0.010	1
02/09/01	02/23/01	00:00	136014	(ML/EPA 508) Beta-BHC	ND	ug/l	0.010	1
02/09/01	02/23/01	00:00	136014	(ML/EPA 508) Chlordane	ND	ug/l	0.10	1
02/09/01	02/23/01	00:00	136014	(ML/EPA 508) Chlorthalonil (Draconil, Bravo)	ND	ug/l	0.010	1
02/09/01	02/23/01	00:00	136014	(ML/EPA 508) Delta-BHC	ND	ug/l	0.010	1
02/09/01	02/23/01	00:00	136014	(ML/EPA 508) p,p' DDD	ND	ug/l	0.010	1
02/09/01	02/23/01	00:00	136014	(ML/EPA 508) p,p' DDE	ND	ug/l	0.010	1
02/09/01	02/23/01	00:00	136014	(ML/EPA 508) p,p' DDT	ND	ug/l	0.010	1



MONTGOMERY WATSON LABORATORIES

a Division of Montgomery Watson Americas, Inc.
555 East Walnut Street
Pasadena, California 91101
Tel: 626 568 6400 Fax: 626 568 6324
1 800 566 LABS (1 800 566 5227)

Laboratory
Data Report
#74976

Del Mar Analytical-Irvine
(continued)

Received	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
2/01/01	02/23/01 00:00	136014	(ML/EPA 508)	Dieldrin	ND	ug/l	0.010	1
2/01/01	02/23/01 00:00	136014	(ML/EPA 508)	Endrin Aldehyde	ND	ug/l	0.010	1
2/09/01	02/23/01 00:00	136014	(ML/EPA 508)	Endrin	ND	ug/l	0.010	1
2/09/01	02/23/01 00:00	136014	(ML/EPA 508)	Endosulfan I (alpha)	ND	ug/l	0.010	1
2/01/01	02/23/01 00:00	136014	(ML/EPA 508)	Endosulfan II (beta)	ND	ug/l	0.010	1
2/01/01	02/23/01 00:00	136014	(ML/EPA 508)	Endosulfan sulfate	ND	ug/l	0.010	1
2/09/01	02/23/01 00:00	136014	(ML/EPA 508)	Heptachlor	ND	ug/l	0.010	1
2/01/01	02/23/01 00:00	136014	(ML/EPA 508)	Heptachlor Epoxide	ND	ug/l	0.010	1
2/01/01	02/23/01 00:00	136014	(ML/EPA 508)	Lindane (gamma-BHC)	ND	ug/l	0.010	1
2/09/01	02/23/01 00:00	136014	(ML/EPA 508)	Methoxychlor	ND	ug/l	0.050	1
2/01/01	02/23/01 00:00	136014	(ML/EPA 508)	Toxaphene	ND	ug/l	0.50	1
			(Surrogate)	Dibutyl Chlorendate	96	% Rec		
			(Surrogate)	Tetrachlorometaxylene	100	% Rec		

City of Simi Valley, Water Quality Control Plant Client Project ID: Semi-annual Monitoring

29 Tapo Canyon Road
 Simi Valley, CA 93063

CSV Lab# 8712, W12

Sampled: 02/06/01

Attention: Barbara Santos

Report Number: IKB0178

Received: 02/06/01

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Method	Batch	Reporting	Sample	Dilution	Date	Date	Data
			Limit	Result	Factor	Extracted	Analyzed	Qualifiers
			ug/l	ug/l				
Sample ID: IKB0178-01 (W12 Comp. # 8712 - Water)								
Benaphthene	EPA 625	I1B0732	10	ND	0.9	2/7/01	2/10/01	
Benaphthylene	EPA 625	I1B0732	10	ND	0.9	2/7/01	2/10/01	
Aniline	EPA 625	I1B0732	10	ND	0.9	2/7/01	2/10/01	
Anthracene	EPA 625	I1B0732	10	ND	0.9	2/7/01	2/10/01	
Toluene	EPA 625	I1B0732	20	ND	0.9	2/7/01	2/10/01	
Benzidine	EPA 625	I1B0732	100	ND	0.9	2/7/01	2/10/01	
Benzoic acid	EPA 625	I1B0732	100	ND	0.9	2/7/01	2/10/01	
Benzo(a)anthracene	EPA 625	I1B0732	10	ND	0.9	2/7/01	2/10/01	
Benzo(b)fluoranthene	EPA 625	I1B0732	10	ND	0.9	2/7/01	2/10/01	
Benzo(k)fluoranthene	EPA 625	I1B0732	10	ND	0.9	2/7/01	2/10/01	
Benzo(g,h,i)perylene	EPA 625	I1B0732	10	ND	0.9	2/7/01	2/10/01	
Benzo(a)pyrene	EPA 625	I1B0732	10	ND	0.9	2/7/01	2/10/01	
Benzyl alcohol	EPA 625	I1B0732	20	ND	0.9	2/7/01	2/10/01	
Bis(2-chloroethoxy)methane	EPA 625	I1B0732	10	ND	0.9	2/7/01	2/10/01	
Bis(2-chloroethyl)ether	EPA 625	I1B0732	10	ND	0.9	2/7/01	2/10/01	
Bis(2-chloroisopropyl)ether	EPA 625	I1B0732	10	ND	0.9	2/7/01	2/10/01	
Bis(2-ethylhexyl)phthalate	EPA 625	I1B0732	50	ND	0.9	2/7/01	2/10/01	
Bromophenyl phenyl ether	EPA 625	I1B0732	10	ND	0.9	2/7/01	2/10/01	
Butyl benzyl phthalate	EPA 625	I1B0732	20	ND	0.9	2/7/01	2/10/01	
4-Chloroaniline	EPA 625	I1B0732	10	ND	0.9	2/7/01	2/10/01	
Chloronaphthalene	EPA 625	I1B0732	10	ND	0.9	2/7/01	2/10/01	
Chloro-3-methylphenol	EPA 625	I1B0732	20	ND	0.9	2/7/01	2/10/01	
2-Chlorophenol	EPA 625	I1B0732	10	ND	0.9	2/7/01	2/10/01	
Chlorophenyl phenyl ether	EPA 625	I1B0732	10	ND	0.9	2/7/01	2/10/01	
Fluorene	EPA 625	I1B0732	10	ND	0.9	2/7/01	2/10/01	
Dibenz(a,h)anthracene	EPA 625	I1B0732	20	ND	0.9	2/7/01	2/10/01	
Dibenzofuran	EPA 625	I1B0732	10	ND	0.9	2/7/01	2/10/01	
n-Butyl phthalate	EPA 625	I1B0732	20	ND	0.9	2/7/01	2/10/01	
1,3-Dichlorobenzene	EPA 625	I1B0732	10	ND	0.9	2/7/01	2/10/01	
1,4-Dichlorobenzene	EPA 625	I1B0732	10	ND	0.9	2/7/01	2/10/01	
1,2-Dichlorobenzene	EPA 625	I1B0732	10	ND	0.9	2/7/01	2/10/01	
1,3-Dichlorobenzidine	EPA 625	I1B0732	40	ND	0.9	2/7/01	2/10/01	
2,4-Dichlorophenol	EPA 625	I1B0732	10	ND	0.9	2/7/01	2/10/01	
Methyl phthalate	EPA 625	I1B0732	10	ND	0.9	2/7/01	2/10/01	
2,4-Dimethylphenol	EPA 625	I1B0732	20	ND	0.9	2/7/01	2/10/01	
Dimethyl phthalate	EPA 625	I1B0732	10	ND	0.9	2/7/01	2/10/01	
2,6-Dinitro-2-methylphenol	EPA 625	I1B0732	40	ND	0.9	2/7/01	2/10/01	
2,4-Dinitrophenol	EPA 625	I1B0732	100	ND	0.9	2/7/01	2/10/01	
2,4-Dinitrotoluene	EPA 625	I1B0732	10	ND	0.9	2/7/01	2/10/01	
2,6-Dinitrotoluene	EPA 625	I1B0732	10	ND	0.9	2/7/01	2/10/01	

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

City of Simi Valley, Water Quality Control Plant Client Project ID: Semi-annual Monitoring
 2599 Tapo Canyon Road CSV Lab# 8712, W12
 Simi Valley, CA 93063 Report Number: IKB0178
 Attention: Barbara Santos

Sampled: 02/06/01
 Received: 02/06/01

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Method	Batch	Reporting Limit ug/l	Sample Result ug/l	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IKB0178-01 (W12 Comp. # 8712 - Water)								
Dibn-octyl phthalate	EPA 625	I1B0732	40	ND	0.9	2/7/01	2/10/01	
Fluoranthene	EPA 625	I1B0732	10	ND	0.9	2/7/01	2/10/01	
Fluorene	EPA 625	I1B0732	10	ND	0.9	2/7/01	2/10/01	
Heptachlorobenzene	EPA 625	I1B0732	10	ND	0.9	2/7/01	2/10/01	
Heptachlorobutadiene	EPA 625	I1B0732	10	ND	0.9	2/7/01	2/10/01	
Hexachlorocyclopentadiene	EPA 625	I1B0732	40	ND	0.9	2/7/01	2/10/01	
Heptachloroethane	EPA 625	I1B0732	10	ND	0.9	2/7/01	2/10/01	
Indeno(1,2,3-cd)pyrene	EPA 625	I1B0732	20	ND	0.9	2/7/01	2/10/01	
Isophorone	EPA 625	I1B0732	10	ND	0.9	2/7/01	2/10/01	
2-Methylnaphthalene	EPA 625	I1B0732	10	ND	0.9	2/7/01	2/10/01	
2-Methylphenol	EPA 625	I1B0732	10	ND	0.9	2/7/01	2/10/01	
4-Methylphenol	EPA 625	I1B0732	10	ND	0.9	2/7/01	2/10/01	
Naphthalene	EPA 625	I1B0732	10	ND	0.9	2/7/01	2/10/01	
2-Nitroaniline	EPA 625	I1B0732	20	ND	0.9	2/7/01	2/10/01	
3-Nitroaniline	EPA 625	I1B0732	20	ND	0.9	2/7/01	2/10/01	
4-Nitroaniline	EPA 625	I1B0732	100	ND	0.9	2/7/01	2/10/01	
Nitrobenzene	EPA 625	I1B0732	40	ND	0.9	2/7/01	2/10/01	
2-Nitrophenol	EPA 625	I1B0732	10	ND	0.9	2/7/01	2/10/01	
4-Nitrophenol	EPA 625	I1B0732	100	ND	0.9	2/7/01	2/10/01	
n-Nitrosodiphenylamine	EPA 625	I1B0732	10	ND	0.9	2/7/01	2/10/01	
n-Nitroso-di-n-propylamine	EPA 625	I1B0732	10	ND	0.9	2/7/01	2/10/01	
Pentachlorophenol	EPA 625	I1B0732	40	ND	0.9	2/7/01	2/10/01	
Phenanthrene	EPA 625	I1B0732	10	ND	0.9	2/7/01	2/10/01	
Phenol	EPA 625	I1B0732	10	ND	0.9	2/7/01	2/10/01	
Phenone	EPA 625	I1B0732	10	ND	0.9	2/7/01	2/10/01	
1,2,4-Trichlorobenzene	EPA 625	I1B0732	10	ND	0.9	2/7/01	2/10/01	
2,3,5-Trichlorophenol	EPA 625	I1B0732	20	ND	0.9	2/7/01	2/10/01	
2,3,6-Trichlorophenol	EPA 625	I1B0732	20	ND	0.9	2/7/01	2/10/01	
Surrogate: 2-Fluorophenol (30-110%)				72.4 %				
Surrogate: Phenol-d6 (40-110%)				78.6 %				
Surrogate: 2,4,6-Tribromophenol (55-140%)				90.8 %				
Surrogate: Nitrobenzene-d5 (40-110%)				83.0 %				
Surrogate: 2-Fluorobiphenyl (40-120%)				90.3 %				
Surrogate: Terphenyl-d14 (55-160%)				87.3 %				



City of Simi Valley, Water Quality Control Plant Client Project ID: Semi-annual Monitoring
 229 Tapo Canyon Road CSV Lab# 8712, W12
 Simi Valley, CA 93063 Report Number: IKB0178
 Attention: Barbara Santos

Sampled: 02/06/01
 Received: 02/06/01

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS (EPA 418.1)

Analyte	Method	Batch	Reporting Limit mg/l	Sample Result mg/l	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IKB0178-01 (W12 Comp. # 8712 - Water)								
Total Recoverable Hydrocarbons	EPA 418.1	I1B1240	1.0	ND	1	2/12/01	2/12/01	

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical.

**ATTACHMENT 2
RECEIVING WATER RESULTS
W - 11**

CITY OF SIMI VALLEY



2929 Tapo Canyon Road, Simi Valley, CA 93063-2199 • (805) 583-6700 • <http://www.simivalley.org>

SIMI VALLEY WATER QUALITY CONTROL PLANT LABORATORY

Laboratory Results			
Sample ID – Semi-Annual W11 Lab.# 8711	Sample Date – 02/06/01	Collected by- K.Besnia and G. Domingo	Sampling Point – W11
Analyte	Method	Detection Limit	Results mg/l
Cadmium	213.1	0.005	ND
Chromium	218.1	0.03	ND
Copper	220.1	0.02	ND
Lead	239.1	0.05	ND
Nickel	249.1	0.03	ND
Zinc	289.1	0.004	0.02

Simi Valley Sanitation Plant Laboratory

Barbara M. Santos

Barbara M. Santos
Laboratory Supervisor

W11SA200.W

-1-

BILL DAVIS
Mayor

BARBRA WILLIAMSON
Mayor Pro Tem

PAUL MILLER
Council Member

GLEN T. BECERRA
Council Member

STEVEN T. SOJKA
Council Member



City of Simi Valley, Water Quality Control Plant Client Project ID: Semi-annual Monitoring
 29 Tapo Canyon Road CSV Lab# 8711, W11 Sampled: 02/06/01
 Simi Valley, CA 93063 Report Number: IKB0179 Received: 02/06/01
 Attention: Barbara Santos

METALS

Analyte	Method	Batch	Reporting Limit mg/l	Sample Result mg/l	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IKB0179-01 (W11 Comp. # 8711 - Water)								
Arsenic	EPA 6010B	I1B0831	0.0050	ND	1	2/8/01	2/8/01	

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical.



City of Simi Valley, Water Quality Control Plant 249 Tapo Canyon Road Simi Valley, CA 93063 Attention: Barbara Santos	Client Project ID: Semi-annual Monitoring CSV Lab# 8711, W11 Report Number: IKB0179	Sampled: 02/06/01 Received: 02/06/01
--	---	---

INORGANICS

Analyte	Method	Batch	Reporting Limit mg/l	Sample Result mg/l	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IKB0179-01 (W11 Comp. # 8711 - Water)								
Oil & Grease	EPA 413.1	I1B0944	5.0	ND	1	2/9/01	2/9/01	
Surfactants (MBAS)	SM5540-C	I1B0730	0.10	ND	1	2/7/01	2/7/01	

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical.

Del Mar Analytical

2852 Alton Ave., Irvine, CA 92606 (949) 261-1022 FAX (949) 261-1228
1014 E. Cooley Dr., Suite A, Colton, CA 92324 (909) 370-4667 FAX (909) 370-1646
16525 Sherman Way, Suite C-11, Van Nuys, CA 92406 (818) 779-1844 FAX (818) 779-1843
9484 Chesapeake Dr., Suite 805, San Diego, CA 92123 (858) 505-9596 FAX (858) 505-9689
9830 South 51st St., Suite B-120, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0851

March 15, 2001

City of Simi Valley, Water Quality Control Plant
2929 Tapo Canyon Road
Simi Valley, CA 93063

Attention: Barbara Santos

Project: Semi-annual Monitoring CSV Lab# 8711, W11
Sampled: 2/06/01, Del Mar Analytical Number: IKB0179

Dear Ms. Santos:

Enclosed please find the report for the project referenced above. The Pesticides and PCBs analyses by EPA Methods 507 & 508 were subcontracted to Montgomery Watson Laboratories. The cross-reference identification is as follows:

City of Simi Valley ID	Del Mar - Irvine ID	Montgomery Watson ID
W11 Comp. #8711	IKB0179-01	2102080128

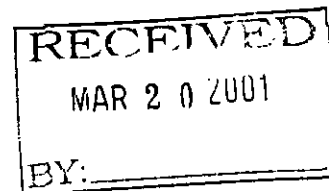
Attached is the original report from Montgomery Watson Laboratories. If you have any questions or require further assistance, please do not hesitate to contact me.

Sincerely yours,

DEL MAR ANALYTICAL



Rachel Parker
Project Manager



Montgomery Watson Laboratories
555 E. Walnut St., Pasadena, CA 91101
PHONE: 626-568-6400/FAX: 626-568-6324

ACKNOWLEDGMENT OF SAMPLES RECEIVED

Del Mar Analytical-Irvine
2852 Alton Ave.
Irvine, CA 92714
Attn: Michele Harper
Phone: 949-261-1022

Customer Code: DELMAR-IRV
Group#: 74964
Project#: SUBCONTRACT
Proj Mgr: Debbie Frank
Phone: (626)568-6449

The following samples were received from you on 02/08/01. They have been scheduled for the tests listed beside each sample. If this information is incorrect, please contact your service representative. Thank you for using Montgomery Watson Laboratories.

Sample#	Sample Id	Tests Scheduled	Matrix	Sample Date
2102080128	IKB0179-01	@NPS1-CA @PESTSDW	Water	06-feb-2001 11:30:00

Test Acronym Description

Test Acronym	Description
@NPS1-CA	Pesticides; N/P; Short list
@PESTSDW	SDWA Pesticides



MONTGOMERY WATSON LABORATORIES

a Division of Montgomery Watson Americas, Inc.
555 East Walnut Street
Pasadena, California 91101
Tel: 626 568 6400 Fax: 626 568 6324
1 800 566 LABS (1 800 566 5227)

Laboratory
Data Report
#74964

Del Mar Analytical-Irvine
Michele Harper
2852 Alton Ave.
Irvine , CA 92714

Samples Received
02/08/01

Required	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
----------	----------	---------	--------	---------	--------	-------	-----	----------

KB0179-01 (2102080128) Sampled on 02/06/01 11:30

W 1 # 8711

Pesticides; N/P; Short list

2/12/01	02/18/01 00:00	135423	(ML/EPA 507)	Alachlor (Alanex)	ND	ug/l	0.20	1
2/12/01	02/18/01 00:00	135423	(ML/EPA 507)	Atrazine	ND	ug/l	0.10	1
2/12/01	02/18/01 00:00	135423	(ML/EPA 507)	Bromacil	ND	ug/l	2.2	1
2/12/01	02/18/01 00:00	135423	(ML/EPA 507)	Cyanazine	ND	ug/l	0.50	1
2/12/01	02/18/01 00:00	135423	(ML/EPA 507)	Diazinon	ND	ug/l	0.10	1
2/12/01	02/18/01 00:00	135423	(ML/EPA 507)	Dimethoate (Cygon)	ND	ug/l	10	1
2/12/01	02/18/01 00:00	135423	(ML/EPA 507)	Molinate	ND	ug/l	0.40	1
2/12/01	02/18/01 00:00	135423	(ML/EPA 507)	Prometryn (Caparol)	ND	ug/l	0.50	1
2/12/01	02/18/01 00:00	135423	(ML/EPA 507)	Simazine (Princep)	ND	ug/l	0.070	1
2/12/01	02/18/01 00:00	135423	(ML/EPA 507)	Thiobencarb (Bolero)	ND	ug/l	1.0	1
			(Surrogate)	1,3-Dimethyl-2-nitrobenzene	102	% Rec		

SDWA Pesticides

2/09/01	02/23/01 00:00	136014	(ML/EPA 508)	PCB 1016 Aroclor	ND	ug/l	0.070	1
2/09/01	02/23/01 00:00	136014	(ML/EPA 508)	PCB 1221 Aroclor	ND	ug/l	0.10	1
2/09/01	02/23/01 00:00	136014	(ML/EPA 508)	PCB 1232 Aroclor	ND	ug/l	0.10	1
2/09/01	02/23/01 00:00	136014	(ML/EPA 508)	PCB 1242 Aroclor	ND	ug/l	0.10	1
2/09/01	02/23/01 00:00	136014	(ML/EPA 508)	PCB 1248 Aroclor	ND	ug/l	0.10	1
2/09/01	02/23/01 00:00	136014	(ML/EPA 508)	PCB 1254 Aroclor	ND	ug/l	0.10	1
2/09/01	02/23/01 00:00	136014	(ML/EPA 508)	PCB 1260 Aroclor	ND	ug/l	0.10	1
2/09/01	02/23/01 00:00	136014	(ML/EPA 508)	Alpha-BHC	ND	ug/l	0.010	1
2/09/01	02/23/01 00:00	136014	(ML/EPA 508)	Alachlor (Alanex)	ND	ug/l	0.050	1
2/09/01	02/23/01 00:00	136014	(ML/EPA 508)	Aldrin	ND	ug/l	0.010	1
2/09/01	02/23/01 00:00	136014	(ML/EPA 508)	Beta-BHC	ND	ug/l	0.010	1
2/09/01	02/23/01 00:00	136014	(ML/EPA 508)	Chlordane	ND	ug/l	0.10	1
2/09/01	02/23/01 00:00	136014	(ML/EPA 508)	Chlorthalonil (Draconil, Bravo)	ND	ug/l	0.010	1
2/09/01	02/23/01 00:00	136014	(ML/EPA 508)	Delta-BHC	ND	ug/l	0.010	1
2/09/01	02/23/01 00:00	136014	(ML/EPA 508)	p,p' DDD	ND	ug/l	0.010	1
2/09/01	02/23/01 00:00	136014	(ML/EPA 508)	p,p' DDE	ND	ug/l	0.010	1
2/09/01	02/23/01 00:00	136014	(ML/EPA 508)	p,p' DDT	ND	ug/l	0.010	1



MONTGOMERY WATSON LABORATORIES

a Division of Montgomery Watson Americas, Inc.
555 East Walnut Street
Pasadena, California 91101
Tel: 626 568 6400 Fax: 626 568 6324
1 800 566 LABS (1 800 566 5227)

Laboratory
Data Report
#74964

Del Mar Analytical-Irvine
(continued)

Received	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
02/01/01	02/23/01 00:00	136014	(ML/EPA 508)	Dieldrin	ND	ug/l	0.010	1
02/01/01	02/23/01 00:00	136014	(ML/EPA 508)	Endrin Aldehyde	ND	ug/l	0.010	1
02/09/01	02/23/01 00:00	136014	(ML/EPA 508)	Endrin	ND	ug/l	0.010	1
02/09/01	02/23/01 00:00	136014	(ML/EPA 508)	Endosulfan I (alpha)	ND	ug/l	0.010	1
02/09/01	02/23/01 00:00	136014	(ML/EPA 508)	Endosulfan II (beta)	ND	ug/l	0.010	1
02/09/01	02/23/01 00:00	136014	(ML/EPA 508)	Endosulfan sulfate	ND	ug/l	0.010	1
02/09/01	02/23/01 00:00	136014	(ML/EPA 508)	Heptachlor	ND	ug/l	0.010	1
02/01/01	02/23/01 00:00	136014	(ML/EPA 508)	Heptachlor Epoxide	ND	ug/l	0.010	1
02/01/01	02/23/01 00:00	136014	(ML/EPA 508)	Lindane (gamma-BHC)	ND	ug/l	0.010	1
02/09/01	02/23/01 00:00	136014	(ML/EPA 508)	Methoxychlor	ND	ug/l	0.050	1
02/01/01	02/23/01 00:00	136014	(ML/EPA 508)	Toxaphene	ND	ug/l	0.50	1
			(Surrogate)	Dibutyl Chlorendate	92	% Rec		
			(Surrogate)	Tetrachlorometaxylene	92	% Rec		



City of Simi Valley, Water Quality Control Plant Client Project ID: Semi-annual Monitoring
 2929 Tapo Canyon Road CSV Lab# 8711, W11
 Simi Valley, CA 93063 Report Number: IKB0179
 Attention: Barbara Santos
 Sampled: 02/06/01
 Received: 02/06/01

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Method	Batch	Reporting Limit ug/l	Sample Result ug/l	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IKB0179-01 (W11 Comp. # 8711 - Water)								
Acenaphthene	EPA 625	I1B0732	10	ND	0.9	2/7/01	2/10/01	
Acenaphthylene	EPA 625	I1B0732	10	ND	0.9	2/7/01	2/10/01	
Aniline	EPA 625	I1B0732	10	ND	0.9	2/7/01	2/10/01	
Anthracene	EPA 625	I1B0732	10	ND	0.9	2/7/01	2/10/01	
Azobenzene	EPA 625	I1B0732	20	ND	0.9	2/7/01	2/10/01	
Benzidine	EPA 625	I1B0732	100	ND	0.9	2/7/01	2/10/01	
Benzoic acid	EPA 625	I1B0732	100	ND	0.9	2/7/01	2/10/01	
Benzo(a)anthracene	EPA 625	I1B0732	10	ND	0.9	2/7/01	2/10/01	
Benzo(b)fluoranthene	EPA 625	I1B0732	10	ND	0.9	2/7/01	2/10/01	
Benzo(k)fluoranthene	EPA 625	I1B0732	10	ND	0.9	2/7/01	2/10/01	
Benzo(g,h,i)perylene	EPA 625	I1B0732	10	ND	0.9	2/7/01	2/10/01	
Benzo(a)pyrene	EPA 625	I1B0732	10	ND	0.9	2/7/01	2/10/01	
Benzyl alcohol	EPA 625	I1B0732	20	ND	0.9	2/7/01	2/10/01	
Bis(2-chloroethoxy)methane	EPA 625	I1B0732	10	ND	0.9	2/7/01	2/10/01	
Bis(2-chloroethyl)ether	EPA 625	I1B0732	10	ND	0.9	2/7/01	2/10/01	
Bis(2-chloroisopropyl)ether	EPA 625	I1B0732	10	ND	0.9	2/7/01	2/10/01	
Bis(2-ethylhexyl)phthalate	EPA 625	I1B0732	50	ND	0.9	2/7/01	2/10/01	
4-Bromophenyl phenyl ether	EPA 625	I1B0732	10	ND	0.9	2/7/01	2/10/01	
Butyl benzyl phthalate	EPA 625	I1B0732	20	ND	0.9	2/7/01	2/10/01	
4-Chloroaniline	EPA 625	I1B0732	10	ND	0.9	2/7/01	2/10/01	
2-Chloronaphthalene	EPA 625	I1B0732	10	ND	0.9	2/7/01	2/10/01	
4-Chloro-3-methylphenol	EPA 625	I1B0732	20	ND	0.9	2/7/01	2/10/01	
2-Chlorophenol	EPA 625	I1B0732	10	ND	0.9	2/7/01	2/10/01	
4-Chlorophenyl phenyl ether	EPA 625	I1B0732	10	ND	0.9	2/7/01	2/10/01	
Chrysene	EPA 625	I1B0732	10	ND	0.9	2/7/01	2/10/01	
Dibenz(a,h)anthracene	EPA 625	I1B0732	20	ND	0.9	2/7/01	2/10/01	
Dibenzofuran	EPA 625	I1B0732	10	ND	0.9	2/7/01	2/10/01	
Di-n-butyl phthalate	EPA 625	I1B0732	20	ND	0.9	2/7/01	2/10/01	
1,3-Dichlorobenzene	EPA 625	I1B0732	10	ND	0.9	2/7/01	2/10/01	
1,4-Dichlorobenzene	EPA 625	I1B0732	10	ND	0.9	2/7/01	2/10/01	
1,2-Dichlorobenzene	EPA 625	I1B0732	10	ND	0.9	2/7/01	2/10/01	
3,3-Dichlorobenzidine	EPA 625	I1B0732	40	ND	0.9	2/7/01	2/10/01	
2,4-Dichlorophenol	EPA 625	I1B0732	10	ND	0.9	2/7/01	2/10/01	
Diethyl phthalate	EPA 625	I1B0732	10	ND	0.9	2/7/01	2/10/01	
2,4-Dimethylphenol	EPA 625	I1B0732	20	ND	0.9	2/7/01	2/10/01	
Dimethyl phthalate	EPA 625	I1B0732	10	ND	0.9	2/7/01	2/10/01	
4,6-Dinitro-2-methylphenol	EPA 625	I1B0732	40	ND	0.9	2/7/01	2/10/01	
2,4-Dinitrophenol	EPA 625	I1B0732	100	ND	0.9	2/7/01	2/10/01	
2,4-Dinitrotoluene	EPA 625	I1B0732	10	ND	0.9	2/7/01	2/10/01	
2,6-Dinitrotoluene	EPA 625	I1B0732	10	ND	0.9	2/7/01	2/10/01	

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager



City of Simi Valley, Water Quality Control Plant Client Project ID: Semi-annual Monitoring
 929 Tapo Canyon Road CSV Lab# 8711, W11
 Simi Valley, CA 93063 Report Number: IKB0179
 Attention: Barbara Santos

Sampled: 02/06/01
 Received: 02/06/01

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Method	Batch	Reporting	Sample	Dilution	Date	Date	Data
			Limit	Result					Factor	Extracted	Analyzed	Qualifiers
			ug/l	ug/l				
Sample ID: IKB0179-01 (W11 Comp. # 8711 - Water)								
Di-n-octyl phthalate	EPA 625	I1B0732	40	ND	0.9	2/7/01	2/10/01	
Fluoranthene	EPA 625	I1B0732	10	ND	0.9	2/7/01	2/10/01	
Fluorene	EPA 625	I1B0732	10	ND	0.9	2/7/01	2/10/01	
Hexachlorobenzene	EPA 625	I1B0732	10	ND	0.9	2/7/01	2/10/01	
Hexachlorobutadiene	EPA 625	I1B0732	10	ND	0.9	2/7/01	2/10/01	
Hexachlorocyclopentadiene	EPA 625	I1B0732	40	ND	0.9	2/7/01	2/10/01	
Hexachloroethane	EPA 625	I1B0732	10	ND	0.9	2/7/01	2/10/01	
Indeno(1,2,3-cd)pyrene	EPA 625	I1B0732	20	ND	0.9	2/7/01	2/10/01	
Isophorone	EPA 625	I1B0732	10	ND	0.9	2/7/01	2/10/01	
2-Methylnaphthalene	EPA 625	I1B0732	10	ND	0.9	2/7/01	2/10/01	
1-Methylphenol	EPA 625	I1B0732	10	ND	0.9	2/7/01	2/10/01	
4-Methylphenol	EPA 625	I1B0732	10	ND	0.9	2/7/01	2/10/01	
Naphthalene	EPA 625	I1B0732	10	ND	0.9	2/7/01	2/10/01	
1-Nitroaniline	EPA 625	I1B0732	20	ND	0.9	2/7/01	2/10/01	
2-Nitroaniline	EPA 625	I1B0732	20	ND	0.9	2/7/01	2/10/01	
4-Nitroaniline	EPA 625	I1B0732	100	ND	0.9	2/7/01	2/10/01	
Nitrobenzene	EPA 625	I1B0732	40	ND	0.9	2/7/01	2/10/01	
1-Nitrophenol	EPA 625	I1B0732	10	ND	0.9	2/7/01	2/10/01	
4-Nitrophenol	EPA 625	I1B0732	100	ND	0.9	2/7/01	2/10/01	
n-Nitrosodiphenylamine	EPA 625	I1B0732	10	ND	0.9	2/7/01	2/10/01	
1-Nitroso-di-n-propylamine	EPA 625	I1B0732	10	ND	0.9	2/7/01	2/10/01	
Pentachlorophenol	EPA 625	I1B0732	40	ND	0.9	2/7/01	2/10/01	
Phenanthrene	EPA 625	I1B0732	10	ND	0.9	2/7/01	2/10/01	
Phenol	EPA 625	I1B0732	10	ND	0.9	2/7/01	2/10/01	
Pyrene	EPA 625	I1B0732	10	ND	0.9	2/7/01	2/10/01	
1,2,4-Trichlorobenzene	EPA 625	I1B0732	10	ND	0.9	2/7/01	2/10/01	
2,4,5-Trichlorophenol	EPA 625	I1B0732	20	ND	0.9	2/7/01	2/10/01	
2,4,6-Trichlorophenol	EPA 625	I1B0732	20	ND	0.9	2/7/01	2/10/01	
Surrogate: 2-Fluorophenol (30-110%)				67.7 %				
Surrogate: Phenol-d6 (40-110%)				75.7 %				
Surrogate: 2,4,6-Tribromophenol (55-140%)				92.6 %				
Surrogate: Nitrobenzene-d5 (40-110%)				79.9 %				
Surrogate: 2-Fluorobiphenyl (40-120%)				88.2 %				
Surrogate: Terphenyl-d14 (55-160%)				82.9 %				

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

City of Simi Valley, Water Quality Control Plant Client Project ID: Semi-annual Monitoring
229 Tapo Canyon Road CSV Lab# 8711, W11
Simi Valley, CA 93063 Report Number: IKB0179
Attention: Barbara Santos

Sampled: 02/06/01
Received: 02/06/01

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS (EPA 418.1)

Analyte	Method	Batch	Reporting Limit mg/l	Sample Result mg/l	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IKB0179-01 (W11 Comp. # 8711 - Water)								
Total Recoverable Hydrocarbons	EPA 418.1	I1B1240	1.0	ND	1	2/12/01	2/12/01	

Del Mar Analytical, Irvine
Rachel Parker
Project Manager

ATTACHMENT 3
RECEIVING WATER RESULTS
W - 10

CITY OF SIMI VALLEY




2929 Tapo Canyon Road, Simi Valley, CA 93063-2199 • (805) 583-6700 • <http://www.simivalley.org>

SIMI VALLEY WATER QUALITY CONTROL PLANT LABORATORY

Laboratory Results			
Sample ID – Semi-Annual W10 Lab.# 8710	Sample Date – 02/06/01	Collected by- K.Besnia and G. Domingo	Sampling Point – W10
Analyte	Method	Detection Limit	Results mg/l
Cadmium	213.1	0.005	ND
Chromium	218.1	0.03	ND
Copper	220.1	0.02	ND
Lead	239.1	0.05	ND
Nickel	249.1	0.03	ND
Zinc	289.1	0.004	0.02

Simi Valley Sanitation Plant Laboratory


Barbara M. Santos
Laboratory Supervisor

W10SA200.W

City of Simi Valley, Water Quality Control Plant Client Project ID: Semi-annual Monitoring
 2229 Tapo Canyon Road CSV Lab# 8710, W10
 Simi Valley, CA 93063 Report Number: IKB0180
 Attention: Barbara Santos

Sampled: 02/06/01
 Received: 02/06/01

METALS

Analyte	Method	Batch	Reporting Limit mg/l	Sample Result mg/l	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IKB0180-01 (W10 Comp. # 8710 - Water)								
Arsenic	EPA 6010B	I1B0831	0.0050	ND	1	2/8/01	2/8/01	

City of Simi Valley, Water Quality Control Plant Client Project ID: Semi-annual Monitoring
 2999 Tapo Canyon Road CSV Lab# 8710, W10
 Simi Valley, CA 93063 Report Number: IKB0180
 Attention: Barbara Santos

Sampled: 02/06/01
 Received: 02/06/01

INORGANICS

Analyte	Method	Batch	Reporting Limit mg/l	Sample Result mg/l	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IKB0180-01 (W10 Comp. # 8710 - Water)								
Oil & Grease	EPA 413.1	I1B0944	5.0	ND	1	2/9/01	2/9/01	
Surfactants (MBAS)	SM5540-C	I1B0730	0.10	0.12	1	2/7/01	2/7/01	

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

Del Mar Analytical

2852 Alton Ave., Irvine, CA 92606 (949) 261-1022 FAX (949) 261-1228
1014 E. Cooley Dr., Suite A, Colton, CA 92324 (909) 370-4667 FAX (909) 370-1046
16525 Sherman Way, Suite C-11, Van Nuys, CA 92406 (818) 779-1844 FAX (818) 779-1843
9484 Chesapeake Dr., Suite 805, San Diego, CA 92123 (858) 505-9596 FAX (858) 505-9689
9830 South 51st St., Suite B-120, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0851

March 15, 2001

City of Simi Valley, Water Quality Control Plant
2929 Tapo Canyon Road
Simi Valley, CA 93063

Attention: Barbara Santos

Project: Semi-annual Monitoring CSV Lab# 8710, W10
Sampled: 2/06/01, Del Mar Analytical Number: IKB0180

Dear Ms. Santos:

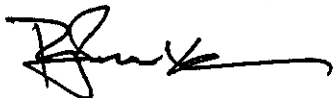
Enclosed please find the report for the project referenced above. The Pesticides and PCBs analyses by EPA Methods 507 & 508 were subcontracted to Montgomery Watson Laboratories. The cross-reference identification is as follows:

City of Simi Valley ID	Del Mar - Irvine ID	Montgomery Watson ID
W10 Comp. #8710	IKB0180-01	2102080199

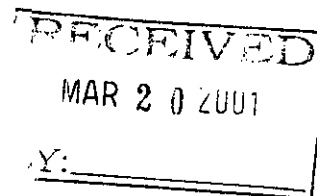
Attached is the original report from Montgomery Watson Laboratories. If you have any questions or require further assistance, please do not hesitate to contact me.

Sincerely yours,

DEL MAR ANALYTICAL



Rachel Parker
Project Manager



Montgomery Watson Laboratories
555 E. Walnut St., Pasadena, CA 91101
PHONE: 626-568-6400/FAX: 626-568-6324

ACKNOWLEDGMENT OF SAMPLES RECEIVED

Del Mar Analytical-Irvine
2852 Altcn Ave.
Irvine, CA 92714
Attn: Michele Harper
Phone: 949-261-1022

Customer Code: DELMAR-IRV
Group#: 74975
Project#: SUBCONTRACT
Proj Mgr: Debbie Frank
Phone: (626)568-6449

The following samples were received from you on 02/08/01. They have been scheduled for the tests listed beside each sample. If this information is incorrect, please contact your service representative. Thank you for using Montgomery Watson Laboratories.

Sample#	Sample Id	Tests Scheduled	Matrix	Sample Date
102080199	IKB0180-01	@NPS1-CA @PESTSDW	Water	06-feb-2001 10:35:00

Test Acronym Description

Test Acronym	Description
@NPS1-CA	Pesticides; N/P; Short list
@PESTSDW	SDWA Pesticides



MONTGOMERY WATSON LABORATORIES

a Division of Montgomery Watson Americas, Inc.
555 East Walnut Street
Pasadena, California 91101
Tel: 626 568 6400 Fax: 626 568 6324
1 800 566 LABS (1 800 566 5227)

Laboratory
Data Report
#74975

Del Mar Analytical-Irvine
Michele Harper
2852 Alton Ave.
Irvine , CA 92714

Samples Received
02/08/01

Prepared Analyzed QC Ref# Method Analyte Result Units MRL Dilution

IKB0180-01 (2102080199) Sampled on 02/06/01 10:35

U 10 # 8710

Pesticides; N/P; Short list

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
02/12/01	02/18/01 00:00	135423	(ML/EPA 507)	Alachlor (Alanex)	ND	ug/l	0.20	1
02/12/01	02/18/01 00:00	135423	(ML/EPA 507)	Atrazine	ND	ug/l	0.10	1
02/12/01	02/18/01 00:00	135423	(ML/EPA 507)	Bromacil	ND	ug/l	2.2	1
02/12/01	02/18/01 00:00	135423	(ML/EPA 507)	Cyanazine	ND	ug/l	0.50	1
02/12/01	02/18/01 00:00	135423	(ML/EPA 507)	Diazinon	ND	ug/l	0.10	1
02/12/01	02/18/01 00:00	135423	(ML/EPA 507)	Dimethoate (Cygon)	ND	ug/l	10	1
02/12/01	02/18/01 00:00	135423	(ML/EPA 507)	Molinate	ND	ug/l	0.40	1
02/12/01	02/18/01 00:00	135423	(ML/EPA 507)	Prometryn (Caparol)	ND	ug/l	0.50	1
02/12/01	02/18/01 00:00	135423	(ML/EPA 507)	Simazine (Princep)	ND	ug/l	0.070	1
02/12/01	02/18/01 00:00	135423	(ML/EPA 507)	Thiobencarb (Bolero)	ND	ug/l	1.0	1
			(Surrogate)	1,3-Dimethyl-2-nitrobenzene	97	% Rec		

SDWA Pesticides

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
02/09/01	02/23/01 00:00	136014	(ML/EPA 508)	PCB 1016 Aroclor	ND	ug/l	0.070	1
02/09/01	02/23/01 00:00	136014	(ML/EPA 508)	PCB 1221 Aroclor	ND	ug/l	0.10	1
02/09/01	02/23/01 00:00	136014	(ML/EPA 508)	PCB 1232 Aroclor	ND	ug/l	0.10	1
02/09/01	02/23/01 00:00	136014	(ML/EPA 508)	PCB 1242 Aroclor	ND	ug/l	0.10	1
02/09/01	02/23/01 00:00	136014	(ML/EPA 508)	PCB 1248 Aroclor	ND	ug/l	0.10	1
02/09/01	02/23/01 00:00	136014	(ML/EPA 508)	PCB 1254 Aroclor	ND	ug/l	0.10	1
02/09/01	02/23/01 00:00	136014	(ML/EPA 508)	PCB 1260 Aroclor.	ND	ug/l	0.10	1
02/09/01	02/23/01 00:00	136014	(ML/EPA 508)	Alpha-BHC	ND	ug/l	0.010	1
02/09/01	02/23/01 00:00	136014	(ML/EPA 508)	Alachlor (Alanex)	ND	ug/l	0.050	1
02/09/01	02/23/01 00:00	136014	(ML/EPA 508)	Aldrin	ND	ug/l	0.010	1
02/09/01	02/23/01 00:00	136014	(ML/EPA 508)	Beta-BHC	ND	ug/l	0.010	1
02/09/01	02/23/01 00:00	136014	(ML/EPA 508)	Chlordane	ND	ug/l	0.10	1
02/09/01	02/23/01 00:00	136014	(ML/EPA 508)	Chlorthalonil (Draconil,Bravo)	ND	ug/l	0.010	1
02/09/01	02/23/01 00:00	136014	(ML/EPA 508)	Delta-BHC	ND	ug/l	0.010	1
02/09/01	02/23/01 00:00	136014	(ML/EPA 508)	p,p' DDD	ND	ug/l	0.010	1
02/09/01	02/23/01 00:00	136014	(ML/EPA 508)	p,p' DDE	ND	ug/l	0.010	1
02/09/01	02/23/01 00:00	136014	(ML/EPA 508)	p,p' DDT	ND	ug/l	0.010	1



MONTGOMERY WATSON LABORATORIES

a Division of Montgomery Watson Americas, Inc.
555 East Walnut Street
Pasadena, California 91101
Tel: 626 568 6400 Fax: 626 568 6324
1 800 568 LABS (1 800 566 5227)

Laboratory
Data Report
#74975

Del Mar Analytical-Irvine
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
02/09/01	02/23/01 00:00	136014	(ML/EPA 508	) Dieldrin	ND	ug/l	0.010	1
02/09/01	02/23/01 00:00	136014	(ML/EPA 508	) Endrin Aldehyde	ND	ug/l	0.010	1
02/09/01	02/23/01 00:00	136014	(ML/EPA 508	) Endrin	ND	ug/l	0.010	1
02/09/01	02/23/01 00:00	136014	(ML/EPA 508	) Endosulfan I (alpha)	ND	ug/l	0.010	1
02/09/01	02/23/01 00:00	136014	(ML/EPA 508	) Endosulfan II (beta)	ND	ug/l	0.010	1
02/09/01	02/23/01 00:00	136014	(ML/EPA 508	) Endosulfan sulfate	ND	ug/l	0.010	1
02/09/01	02/23/01 00:00	136014	(ML/EPA 508	) Heptachlor	ND	ug/l	0.010	1
02/09/01	02/23/01 00:00	136014	(ML/EPA 508	) Heptachlor Epoxide	ND	ug/l	0.010	1
02/09/01	02/23/01 00:00	136014	(ML/EPA 508	) Lindane (gamma-BHC)	ND	ug/l	0.010	1
02/09/01	02/23/01 00:00	136014	(ML/EPA 508	) Methoxychlor	ND	ug/l	0.050	1
02/09/01	02/23/01 00:00	136014	(ML/EPA 508	) Toxaphene	ND	ug/l	0.50	1
			(Surrogate	) Dibutyl Chlorendate	96	µ Rec		
			(Surrogate	) Tetrachlorometaxylene	100	µ Rec		



City of Simi Valley, Water Quality Control Plant Client Project ID: Semi-annual Monitoring
 929 Tapo Canyon Road CSV Lab# 8710, W10
 Simi Valley, CA 93063 Report Number: IKB0180
 Attention: Barbara Santos Sampled: 02/06/01
 Received: 02/06/01

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Method	Batch	Reporting Limit ug/l	Sample Result ug/l	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IKB0180-01 (W10 Comp. # 8710 - Water)								
Di-n-octyl phthalate	EPA 625	11B0732	40	ND	0.9	2/7/01	2/10/01	
Fluoranthene	EPA 625	11B0732	10	ND	0.9	2/7/01	2/10/01	
fluorene	EPA 625	11B0732	10	ND	0.9	2/7/01	2/10/01	
Hexachlorobenzene	EPA 625	11B0732	10	ND	0.9	2/7/01	2/10/01	
Hexachlorobutadiene	EPA 625	11B0732	10	ND	0.9	2/7/01	2/10/01	
Hexachlorocyclopentadiene	EPA 625	11B0732	40	ND	0.9	2/7/01	2/10/01	
Hexachloroethane	EPA 625	11B0732	10	ND	0.9	2/7/01	2/10/01	
Indeno(1,2,3-cd)pyrene	EPA 625	11B0732	20	ND	0.9	2/7/01	2/10/01	
Isophorone	EPA 625	11B0732	10	ND	0.9	2/7/01	2/10/01	
1-Methylnaphthalene	EPA 625	11B0732	10	ND	0.9	2/7/01	2/10/01	
2-Methylphenol	EPA 625	11B0732	10	ND	0.9	2/7/01	2/10/01	
4-Methylphenol	EPA 625	11B0732	10	ND	0.9	2/7/01	2/10/01	
Naphthalene	EPA 625	11B0732	10	ND	0.9	2/7/01	2/10/01	
1-Nitroaniline	EPA 625	11B0732	20	ND	0.9	2/7/01	2/10/01	
3-Nitroaniline	EPA 625	11B0732	20	ND	0.9	2/7/01	2/10/01	
4-Nitroaniline	EPA 625	11B0732	100	ND	0.9	2/7/01	2/10/01	
Nitrobenzene	EPA 625	11B0732	40	ND	0.9	2/7/01	2/10/01	
2-Nitrophenol	EPA 625	11B0732	10	ND	0.9	2/7/01	2/10/01	
4-Nitrophenol	EPA 625	11B0732	100	ND	0.9	2/7/01	2/10/01	
4-Nitrosodiphenylamine	EPA 625	11B0732	10	ND	0.9	2/7/01	2/10/01	
n-Nitroso-di-n-propylamine	EPA 625	11B0732	10	ND	0.9	2/7/01	2/10/01	
Pentachlorophenol	EPA 625	11B0732	40	ND	0.9	2/7/01	2/10/01	
Phenanthrene	EPA 625	11B0732	10	ND	0.9	2/7/01	2/10/01	
Phenol	EPA 625	11B0732	10	ND	0.9	2/7/01	2/10/01	
Pyrene	EPA 625	11B0732	10	ND	0.9	2/7/01	2/10/01	
1,2,4-Trichlorobenzene	EPA 625	11B0732	10	ND	0.9	2/7/01	2/10/01	
2,4,5-Trichlorophenol	EPA 625	11B0732	20	ND	0.9	2/7/01	2/10/01	
2,4,6-Trichlorophenol	EPA 625	11B0732	20	ND	0.9	2/7/01	2/10/01	
Surrogate: 2-Fluorophenol (30-110%)				74.0%				
Surrogate: Phenol-d6 (40-110%)				82.7%				
Surrogate: 2,4,6-Tribromophenol (55-140%)				96.9%				
Surrogate: Nitrobenzene-d5 (40-110%)				88.0%				
Surrogate: 2-Fluorobiphenyl (40-120%)				93.8%				
Surrogate: Terphenyl-d14 (55-160%)				90.1%				



City of Simi Valley, Water Quality Control Plant Client Project ID: Semi-annual Monitoring
 929 Tapo Canyon Road CSV Lab# 8710, W10
 Simi Valley, CA 93063 Report Number: IKB0180
 Attention: Barbara Santos

Sampled: 02/06/01
 Received: 02/06/01

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Method	Batch	Reporting	Sample	Dilution	Date	Date	Data
			Limit	Result					Factor	Extracted	Analyzed	Qualifiers
			ug/l	ug/l				
Sample ID: IKB0180-01 (W10 Comp. # 8710 - Water)								
Acenaphthene	EPA 625	11B0732	10	ND	0.9	2/7/01	2/10/01	
Acenaphthylene	EPA 625	11B0732	10	ND	0.9	2/7/01	2/10/01	
Aniline	EPA 625	11B0732	10	ND	0.9	2/7/01	2/10/01	
Anthracene	EPA 625	11B0732	10	ND	0.9	2/7/01	2/10/01	
Azobenzene	EPA 625	11B0732	20	ND	0.9	2/7/01	2/10/01	
Benzidine	EPA 625	11B0732	100	ND	0.9	2/7/01	2/10/01	
Benzoic acid	EPA 625	11B0732	100	ND	0.9	2/7/01	2/10/01	
Benzo(a)anthracene	EPA 625	11B0732	10	ND	0.9	2/7/01	2/10/01	
Benzo(b)fluoranthene	EPA 625	11B0732	10	ND	0.9	2/7/01	2/10/01	
Benzo(k)fluoranthene	EPA 625	11B0732	10	ND	0.9	2/7/01	2/10/01	
Benzo(g,h,i)perylene	EPA 625	11B0732	10	ND	0.9	2/7/01	2/10/01	
Benzo(a)pyrene	EPA 625	11B0732	10	ND	0.9	2/7/01	2/10/01	
Benzyl alcohol	EPA 625	11B0732	20	ND	0.9	2/7/01	2/10/01	
Bis(2-chloroethoxy)methane	EPA 625	11B0732	10	ND	0.9	2/7/01	2/10/01	
Bis(2-chloroethyl)ether	EPA 625	11B0732	10	ND	0.9	2/7/01	2/10/01	
Bis(2-chloroisopropyl)ether	EPA 625	11B0732	10	ND	0.9	2/7/01	2/10/01	
Bis(2-ethylhexyl)phthalate	EPA 625	11B0732	50	ND	0.9	2/7/01	2/10/01	
4-Bromophenyl phenyl ether	EPA 625	11B0732	10	ND	0.9	2/7/01	2/10/01	
Butyl benzyl phthalate	EPA 625	11B0732	20	ND	0.9	2/7/01	2/10/01	
o-Chloroaniline	EPA 625	11B0732	10	ND	0.9	2/7/01	2/10/01	
2-Chloronaphthalene	EPA 625	11B0732	10	ND	0.9	2/7/01	2/10/01	
4-Chloro-3-methylphenol	EPA 625	11B0732	20	ND	0.9	2/7/01	2/10/01	
2-Chlorophenol	EPA 625	11B0732	10	ND	0.9	2/7/01	2/10/01	
4-Chlorophenyl phenyl ether	EPA 625	11B0732	10	ND	0.9	2/7/01	2/10/01	
Chrysene	EPA 625	11B0732	10	ND	0.9	2/7/01	2/10/01	
Dibenz(a,h)anthracene	EPA 625	11B0732	20	ND	0.9	2/7/01	2/10/01	
Dibenzofuran	EPA 625	11B0732	10	ND	0.9	2/7/01	2/10/01	
Di-n-butyl phthalate	EPA 625	11B0732	20	ND	0.9	2/7/01	2/10/01	
1,3-Dichlorobenzene	EPA 625	11B0732	10	ND	0.9	2/7/01	2/10/01	
1,4-Dichlorobenzene	EPA 625	11B0732	10	ND	0.9	2/7/01	2/10/01	
1,2-Dichlorobenzene	EPA 625	11B0732	10	ND	0.9	2/7/01	2/10/01	
3,3-Dichlorobenzidine	EPA 625	11B0732	40	ND	0.9	2/7/01	2/10/01	
2,4-Dichlorophenol	EPA 625	11B0732	10	ND	0.9	2/7/01	2/10/01	
Diethyl phthalate	EPA 625	11B0732	10	ND	0.9	2/7/01	2/10/01	
2,4-Dimethylphenol	EPA 625	11B0732	20	ND	0.9	2/7/01	2/10/01	
Dimethyl phthalate	EPA 625	11B0732	10	ND	0.9	2/7/01	2/10/01	
4,6-Dinitro-2-methylphenol	EPA 625	11B0732	40	ND	0.9	2/7/01	2/10/01	
2,4-Dinitrophenol	EPA 625	11B0732	100	ND	0.9	2/7/01	2/10/01	
2,4-Dinitrotoluene	EPA 625	11B0732	10	ND	0.9	2/7/01	2/10/01	
2,6-Dinitrotoluene	EPA 625	11B0732	10	ND	0.9	2/7/01	2/10/01	

City of Simi Valley, Water Quality Control Plant Client Project ID: Semi-annual Monitoring
29 Tapo Canyon Road CSV Lab# 8710, W10
Simi Valley, CA 93063 Report Number: IKB0180
Attention: Barbara Santos

Sampled: 02/06/01
Received: 02/06/01

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS (EPA 418.1)

Analyte	Method	Batch	Reporting Limit mg/l	Sample Result mg/l	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IKB0180-01 (W10 Comp. # 8710 - Water)								
Total Recoverable Hydrocarbons	EPA 418.1	I1B1240	1.1	ND	1	2/12/01	2/12/01	RL-4

**ATTACHMENT 4
QA/OC REPORT**



City of Simi Valley, Water Quality Control Plant 2999 Tapo Canyon Road Simi Valley, CA 93063 Attention: Barbara Santos	Client Project ID: Semi-annual Monitoring CSV Lab# 8712, W12 Report Number: IKB0178	Sampled: 02/06/01 Received: 02/06/01
---	---	---

METHOD BLANK/QC DATA

METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limits RPD	RPD Limit	Data Qualifiers
Batch: I1B0831 Extracted: 02/08/01									
Blank Analyzed: 02/08/01 (I1B0831-BLK1)									
Arsenic	ND	0.0050	mg/l						
Loss Analyzed: 02/08/01 (I1B0831-BS1)									
Arsenic	0.969	0.0050	mg/l	1.00		96.9	80-120		
Matrix Spike Analyzed: 02/08/01 (I1B0831-MS1)									
Arsenic	1.00	0.0050	mg/l	1.00	ND	100	75-125		
Matrix Spike Dup Analyzed: 02/08/01 (I1B0831-MSD1)									
Arsenic	1.04	0.0050	mg/l	1.00	ND	104	75-125	3.92	20



City of Simi Valley, Water Quality Control Plant 29 Tapo Canyon Road Simi Valley, CA 93063 Attention: Barbara Santos	Client Project ID: Semi-annual Monitoring CSV Lab# 8712, W12 Report Number: IKB0178	Sampled: 02/06/01 Received: 02/06/01
---	---	---

METHOD BLANK/QC DATA

INORGANICS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limits RPD	RPD Limit	Data Qualifiers
Batch: 11B0730 Extracted: 02/07/01									
Blank Analyzed: 02/07/01 (11B0730-BLK1)									
Surfactants (MBAS)	ND	0.10	mg/l						
LCS Analyzed: 02/07/01 (11B0730-BS1)									
Surfactants (MBAS)	0.246	0.10	mg/l	0.250		98.4	90-110		
Matrix Spike Analyzed: 02/07/01 (11B0730-MS1)									
Surfactants (MBAS)	0.309	0.10	mg/l	0.250	ND	95.6	50-125		
Matrix Spike Dup Analyzed: 02/07/01 (11B0730-MSD1)									
Surfactants (MBAS)	0.329	0.10	mg/l	0.250	ND	104	50-125	6.27	20
Batch: 11B0944 Extracted: 02/09/01									
Blank Analyzed: 02/09/01 (11B0944-BLK1)									
Oil & Grease	ND	5.0	mg/l						
LCS Analyzed: 02/09/01 (11B0944-BS1)									
Oil & Grease	18.7	5.0	mg/l	20.0		93.5	80-120		
LCS Dup Analyzed: 02/09/01 (11B0944-BSD1)									
Oil & Grease	22.2	5.0	mg/l	20.0		111	80-120	17.1	20



MONTGOMERY WATSON LABORATORIES

a Division of Montgomery Watson Americas, Inc.
555 East Walnut Street
Pasadena, California 91101
Tel: 626 568 6400 Fax: 626 568 6324
1 800 566 LABS (1 800 566 5227)

Laboratory Report

for

Del Mar Analytical-Irvine
2852 Alton Ave.

Irvine , CA 92714

Attention: Michele Harper
Fax: 949-261-1228

DATE OF ISSUE
MAR 05 2001
MONTGOMERY WATSON LABS

DEB Debbie Frank
Project Manager

Report#: 74976
SUBCONTRACT

SUBCONTRACT ORDER

Del Mar Analytical, Irvine

IKB0178

SENDING LABORATORY:

Del Mar Analytical, Irvine
2852 Alton Parkway
Irvine, CA 92606
Phone: (949) 261-1022
Fax: (949) 261-1228
Project Manager: Rachel Parker

RECEIVING LABORATORY:

Montgomery Watson Lab - SUB
555 E. Walnut Street
Pasadena, CA 91101
Phone : (626) 568-6400
Fax: (626) 568-6345

T=6°C
Reg Ice

6324

PO# 44463 for 6/00-6/01. Use a SEPARATE WORK ORDER for each CSV sample/ID!!!! FAX work order after receipt & FAX COC with results.

Analysis	Due	Expires	Laboratory ID	Comments
Sample ID: IKB0178-01	Water	Sampled: 02/06/01 11:00		4 Analyzers
507-N+P Pesticides	02/15/01 12:00	02/20/01 11:00		To Mont. Watson;
508-Cl Pesticides	02/15/01 12:00	02/13/01 11:00		To Mont. Watson;
508A-PCBs	02/15/01 12:00	02/20/01 11:00		To Mont. Watson;

74976

Released By: Laura Moran Date: 2/8/01 9:30 Received By: [Signature] Date: 9:30

Released By: [Signature] Date: 2/8/01 12:00 Received By: Suzanne Watson Date: 2/8/01



MONTGOMERY WATSON LABORATORIES
 a Division of Montgomery Watson Americas, Inc.
 555 East Walnut Street
 Pasadena, California 91101
 Tel: 626 568 6400 Fax: 626 568 6324
 1 800 566 LABS (1 800 566 5227)

Laboratory
 QC Report
 #74976

Del Mar Analytical-Irvine

QC Ref #135423 Pesticides; N/P; Short list

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 21	02020008		(0.00 - 0.00)	
LCS1	Alachlor (Alanex)	2.50	2.35	94.0	(62.00 - 128.00)	
LCS2	Alachlor (Alanex)	2.50	2.45	98.0	(62.00 - 128.00)	4.2
MBLK	Alachlor (Alanex)	ND				
MS	Alachlor (Alanex)	2.50	2.25	90.0	(62.00 - 128.00)	
MSD	Alachlor (Alanex)	2.50	2.42	96.8	(62.00 - 128.00)	7.3
MBLK	Atrazine (Atrax)	ND				
LCS1	Atrazine	2.50	2.31	92.4	(62.00 - 122.00)	
LCS2	Atrazine	2.50	2.45	98.0	(62.00 - 122.00)	5.9
MS	Atrazine	2.50	2.21	88.4	(62.00 - 122.00)	
MSD	Atrazine	2.50	2.41	96.4	(62.00 - 122.00)	8.7
MBLK	Bromacil (Hyvar)	ND				
LCS1	Bromacil	25.0	21.8	87.2	(61.00 - 121.00)	
LCS2	Bromacil	25.0	22.7	90.8	(61.00 - 121.00)	4.0
MS	Bromacil	25.0	20.0	80.0	(61.00 - 121.00)	
MSD	Bromacil	25.0	21.8	87.2	(61.00 - 121.00)	8.6
LCS1	Cyanazine	2.50	2.36	94.4	(70.00 - 130.00)	
LCS2	Cyanazine	2.50	2.54	101.6	(70.00 - 130.00)	7.3
MBLK	Cyanazine	ND				
MS	Cyanazine	2.50	2.26	90.4	(70.00 - 130.00)	
MSD	Cyanazine	2.50	2.51	100.4	(70.00 - 130.00)	10
LCS1	Diazinon	2.50	2.39	95.6	(85.00 - 145.00)	
LCS2	Diazinon	2.50	2.57	102.8	(85.00 - 145.00)	7.3
MBLK	Diazinon	ND				
MS	Diazinon	2.50	2.17	86.8	(85.00 - 145.00)	
MSD	Diazinon	2.50	2.46	98.4	(85.00 - 145.00)	13
LCS1	Dimethoate (Cygon)	2.50	2.11	84.4	(70.00 - 130.00)	
LCS2	Dimethoate (Cygon)	2.50	2.20	88.0	(70.00 - 130.00)	4.2
MBLK	Dimethoate (Cygon)	ND				
MS	Dimethoate (Cygon)	2.50	2.01	80.4	(70.00 - 130.00)	
MSD	Dimethoate (Cygon)	2.50	2.25	90.0	(70.00 - 130.00)	11
MBLK	Molinate (Ordram)	ND				
LCS1	Molinate	2.50	2.26	90.4	(44.00 - 152.00)	

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
 Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates
 are advisory only, unless otherwise specified in the method.



MONTGOMERY WATSON LABORATORIES

a Division of Montgomery Watson Americas, Inc.
555 East Walnut Street
Pasadena, California 91101
Tel: 626 568 6400 Fax: 626 568 6324
1 800 566 LABS (1 800 566 5227)

Laboratory
QC Report
#74976

Del Mar Analytical-Irvine
(continued)

LCS2	Molinate	2.50	2.43	97.2	(44.00 - 152.00)	7.2
MS	Molinate	2.50	2.18	87.2	(44.00 - 152.00)	
MSD	Molinate	2.50	2.38	95.2	(44.00 - 152.00)	8.8
LCS1	Prometryn (Caparol)	2.50	2.27	90.8	(63.00 - 123.00)	
LCS2	Prometryn (Caparol)	2.50	2.41	96.4	(63.00 - 123.00)	6.0
MS	Prometryn (Caparol)	2.50	2.16	86.4	(63.00 - 123.00)	
MSD	Prometryn (Caparol)	2.50	2.43	97.2	(63.00 - 123.00)	12
MBLK	Prometryn (Caparol)	ND				
LCS1	Simazine (Princep)	2.50	2.29	91.6	(70.00 - 130.00)	
LCS2	Simazine (Princep)	2.50	2.41	96.4	(70.00 - 130.00)	5.1
MBLK	Simazine (Princep)	ND				
MS	Simazine (Princep)	2.50	2.21	88.4	(70.00 - 130.00)	
MSD	Simazine (Princep)	2.50	2.43	97.2	(70.00 - 130.00)	9.5
LCS1	1,3-Dimethyl-2-nitrobenzene	100	88	88.0	(70.00 - 130.00)	
LCS2	1,3-Dimethyl-2-nitrobenzene	100	96	96.0	(70.00 - 130.00)	8.7
MBLK	1,3-Dimethyl-2-nitrobenzene	100	92	92.0		
MS	1,3-Dimethyl-2-nitrobenzene	100	96	96.0	(70.00 - 130.00)	
MSD	1,3-Dimethyl-2-nitrobenzene	100	102	102.0	(70.00 - 130.00)	6.1
LCS1	Thiobencarb (Bolero)	2.50	2.41	96.4	(70.00 - 130.00)	
LCS2	Thiobencarb (Bolero)	2.50	2.52	100.8	(70.00 - 130.00)	4.5
MBLK	Thiobencarb (Bolero)	ND				
MS	Thiobencarb (Bolero)	2.50	2.20	88.0	(70.00 - 130.00)	
MSD	Thiobencarb (Bolero)	2.50	2.64	105.6	(70.00 - 130.00)	18

QC Ref #136014

SDWA Pesticides

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MBLK	PCB 1016 Aroclor	ND				
MBLK	PCB 1221 Aroclor	ND				
MBLK	PCB 1232 Aroclor	ND				
LCS1	PCB 1242 Aroclor	0.500	0.502	100.4	(70.00 - 130.00)	
MBLK	PCB 1242 Aroclor	ND				
MS	PCB 1242 Aroclor	0.500	0.534	106.8	(70.00 - 130.00)	
MSD	PCB 1242 Aroclor	0.500	0.546	109.2	(70.00 - 130.00)	2.2
MBLK	PCB 1248 Aroclor	ND				

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates
are advisory only, unless otherwise specified in the method.



MONTGOMERY WATSON LABORATORIES

a Division of Montgomery Watson Americas, Inc.
555 East Walnut Street
Pasadena, California 91101
Tel: 626 568 6400 Fax: 626 568 6324
1 800 566 LABS (1 800 566 5227)

Laboratory
QC Report
#74976

Del Mar Analytical-Irvine
(continued)

MBLK	PCB 1254 Aroclor	ND				
MBLK	PCB 1260 Aroclor	ND				
LCS1	Alpha-BHC	0.050	0.048	96.0	(62.00 - 122.00)	
MBLK	Alpha-BHC	ND				
MS	Alpha-BHC	0.050	0.045	90.0	(71.00 - 126.00)	
MSD	Alpha-BHC	0.050	0.052	104.0	(71.00 - 126.00)	14
MS	Spiked sample	Lab # 21	02080112		(0.00 - 0.00)	
LCS1	Alachlor (Alanex)	0.100	0.088	88.0	(70.00 - 130.00)	
MBLK	Alachlor (Alanex)	ND				
MS	Alachlor (Alanex)	0.100	0.085	85.0	(65.00 - 135.00)	
MSD	Alachlor (Alanex)	0.100	0.091	91.0	(65.00 - 135.00)	6.8
LCS1	Aldrin	0.050	0.044	88.0	(56.00 - 116.00)	
MBLK	Aldrin	ND				
MS	Aldrin	0.050	0.045	90.0	(62.00 - 117.00)	
MSD	Aldrin	0.050	0.051	102.0	(62.00 - 117.00)	12
LCS1	Beta-BHC	0.050	0.052	104.0	(65.00 - 125.00)	
MBLK	Beta-BHC	ND				
MS	Beta-BHC	0.050	0.049	98.0	(60.00 - 130.00)	
MSD	Beta-BHC	0.050	0.054	108.0	(60.00 - 130.00)	9.7
MBLK	Chlordane	ND				
LCS1	Chlorthalonil (Draconil,Bravo)	0.100	0.090	90.0	(61.00 - 121.00)	
MBLK	Chlorthalonil (Draconil,Bravo)	ND				
MS	Chlorthalonil (Draconil,Bravo)	0.100	0.086	86.0	(56.00 - 126.00)	
MSD	Chlorthalonil (Draconil,Bravo)	0.100	0.094	94.0	(56.00 - 126.00)	8.9
LCS1	Delta-BHC	0.050	0.050	100.0	(72.00 - 131.00)	
MBLK	Delta-BHC	ND				
MS	Delta-BHC	0.050	0.047	94.0	(67.00 - 137.00)	
MSD	Delta-BHC	0.050	0.053	106.0	(67.00 - 137.00)	12
LCS1	p,p' DDD	0.100	0.100	100.0	(77.00 - 137.00)	
MBLK	p,p' DDD	ND				
MS	p,p' DDD	0.100	0.093	93.0	(72.00 - 142.00)	
MSD	p,p' DDD	0.100	0.107	107.0	(72.00 - 142.00)	14
LCS1	p,p' DDE	0.100	0.101	101.0	(69.00 - 129.00)	
MBLK	p,p' DDE	ND				
MS	p,p' DDE	0.100	0.096	96.0	(73.00 - 131.00)	
MSD	p,p' DDE	0.100	0.111	111.0	(73.00 - 131.00)	14

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates
are advisory only, unless otherwise specified in the method.



MONTGOMERY WATSON LABORATORIES

a Division of Montgomery Watson Americas, Inc.
555 East Walnut Street
Pasadena, California 91101
Tel: 626 568 6400 Fax: 626 568 6324
1 800 568 LABS (1 800 566 5227)

Laboratory
QC Report
#74976

Del Mar Analytical-Irvine
(continued)

LCS1	p,p' DDT	0.100	0.103	103.0	(82.00 - 142.00)
MBLK	p,p' DDT	ND			
MS	p,p' DDT	0.100	0.097	97.0	(77.00 - 147.00)
MSD	p,p' DDT	0.100	0.109	109.0	(77.00 - 147.00) 12
LCS1	Dieldrin	0.100	0.099	99.0	(57.00 - 117.00)
MBLK	Dieldrin	ND			
MS	Dieldrin	0.100	0.094	94.0	(52.00 - 122.00)
MSD	Dieldrin	0.100	0.106	106.0	(52.00 - 122.00) 12
LCS1	Endrin Aldehyde	0.100	0.065	65.0	(58.00 - 118.00)
MBLK	Endrin Aldehyde	ND			
MS	Endrin Aldehyde	0.100	0.061	61.0	(53.00 - 123.00)
MSD	Endrin Aldehyde	0.100	0.068	68.0	(53.00 - 123.00) 11
LCS1	Endrin	0.100	0.112	112.0	(58.00 - 118.00)
MBLK	Endrin	ND			
MS	Endrin	0.100	0.104	104.0	(53.00 - 123.00)
MSD	Endrin	0.100	0.115	115.0	(53.00 - 123.00) 10
LCS1	Endosulfan I (alpha)	0.050	0.037	74.0	(57.00 - 117.00)
MBLK	Endosulfan I (alpha)	ND			
MS	Endosulfan I (alpha)	0.050	0.043	86.0	(52.00 - 122.00)
MSD	Endosulfan I (alpha)	0.050	0.048	96.0	(52.00 - 122.00) 11
LCS1	Endosulfan II (beta)	0.100	0.096	96.0	(62.00 - 122.00)
MBLK	Endosulfan II (beta)	ND			
MS	Endosulfan II (beta)	0.100	0.091	91.0	(57.00 - 127.00)
MSD	Endosulfan II (beta)	0.100	0.105	105.0	(57.00 - 127.00) 14
LCS1	Endosulfan sulfate	0.100	0.102	102.0	(72.00 - 132.00)
MBLK	Endosulfan sulfate	ND			
MS	Endosulfan sulfate	0.100	0.097	97.0	(72.00 - 137.00)
MSD	Endosulfan sulfate	0.100	0.109	109.0	(72.00 - 137.00) 12
LCS1	Heptachlor	0.050	0.047	94.0	(68.00 - 128.00)
MBLK	Heptachlor	ND			
MS	Heptachlor	0.050	0.047	94.0	(68.00 - 129.00)
MSD	Heptachlor	0.050	0.052	104.0	(68.00 - 129.00) 10
LCS1	Heptachlor Epoxide	0.050	0.049	98.0	(57.00 - 117.00)
MBLK	Heptachlor Epoxide	ND			
MS	Heptachlor Epoxide	0.050	0.048	96.0	(52.00 - 122.00)
MSD	Heptachlor Epoxide	0.050	0.056	112.0	(52.00 - 122.00) 15

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates
are advisory only, unless otherwise specified in the method.



MONTGOMERY WATSON LABORATORIES

a Division of Montgomery Watson Americas, Inc.
555 East Walnut Street
Pasadena, California 91101
Tel: 626 568 6400 Fax: 626 568 6324
1 800 566 LABS (1 800 566 5227)

Laboratory
QC Report
#74976

Del Mar Analytical-Irvine
(continued)

LCS1	Lindane (gamma-BHC)	0.050	0.049	98.0	(59.00 - 119.00)
MBLK	Lindane (gamma-BHC)	ND			
MS	Lindane (gamma-BHC)	0.050	0.046	92.0	(54.00 - 124.00)
MSD	Lindane (gamma-BHC)	0.050	0.052	104.0	(54.00 - 124.00) 12
LCS1	Methoxychlor	0.500	0.548	109.6	(75.00 - 135.00)
MBLK	Methoxychlor	ND			
MS	Methoxychlor	0.500	0.514	102.8	(70.00 - 132.00)
MSD	Methoxychlor	0.500	0.578	115.6	(70.00 - 132.00) 12
LCS1	Tetrachlorometaxylene (surr)	100	89	89.0	(70.00 - 130.00)
MBLK	Tetrachlorometaxylene (surr)	100	84	84.0	
MS	Tetrachlorometaxylene (surr)	100	94	94.0	(70.00 - 130.00)
MSD	Tetrachlorometaxylene (surr)	100	109	109.0	(70.00 - 130.00) 15
LCS1	Dibutyl chlorendate (surr)	100	104	104.0	(70.00 - 130.00)
MBLK	Dibutyl chlorendate (surr)	100	112	112.0	
MS	Dibutyl chlorendate (surr)	100	100	100.0	(70.00 - 130.00)
MSD	Dibutyl chlorendate (surr)	100	112	112.0	(70.00 - 130.00) 11
MBLK	Toxaphene	ND			

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates
are advisory only, unless otherwise specified in the method.

City of Simi Valley, Water Quality Control Plant Client Project ID: Semi-annual Monitoring
 29 Tapo Canyon Road CSV Lab# 8712, W12
 Simi Valley, CA 93063 Report Number: IKB0178
 Attention: Barbara Santos

Sampled: 02/06/01
 Received: 02/06/01

METHOD BLANK/QC DATA

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	RPD Limits RPD	Data Limit	Qualifiers
---------	--------	-----------------	-------	-------------	---------------	-----------	----------------	------------	------------

Batch: 11B0732 Extracted: 02/07/01

Blank Analyzed: 02/09/01 (11B0732-BLK1)

Acenaphthene	ND	10	ug/l						
Acenaphthylene	ND	10	ug/l						
Acetone	ND	10	ug/l						
Anthracene	ND	10	ug/l						
Azobenzene	ND	20	ug/l						
Benzidine	ND	100	ug/l						
Benzoic acid	ND	100	ug/l						
Benzo(a)anthracene	ND	10	ug/l						
Benzo(b)fluoranthene	ND	10	ug/l						
Benzo(k)fluoranthene	ND	10	ug/l						
Benzo(g,h,i)perylene	ND	10	ug/l						
Benzo(a)pyrene	ND	10	ug/l						
Benzyl alcohol	ND	20	ug/l						
Bis(2-chloroethoxy)methane	ND	10	ug/l						
Bis(2-chloroethyl)ether	ND	10	ug/l						
Bis(2-chloroisopropyl)ether	ND	10	ug/l						
Bis(2-ethylhexyl)phthalate	ND	50	ug/l						
4-Bromophenyl phenyl ether	ND	10	ug/l						
Benzyl phthalate	ND	20	ug/l						
4-Chloroaniline	ND	10	ug/l						
2-Chloronaphthalene	ND	10	ug/l						
4-Chloro-3-methylphenol	ND	20	ug/l						
2-Chlorophenol	ND	10	ug/l						
4-Chlorophenyl phenyl ether	ND	10	ug/l						
Chrysene	ND	10	ug/l						
Dibenz(a,h)anthracene	ND	20	ug/l						
Dibenzofuran	ND	10	ug/l						
Di-n-butyl phthalate	ND	20	ug/l						
1,2-Dichlorobenzene	ND	10	ug/l						
1,4-Dichlorobenzene	ND	10	ug/l						
1,2-Dichlorobenzene	ND	10	ug/l						
3,4-Dichlorobenzidine	ND	40	ug/l						
2,4-Dichlorophenol	ND	10	ug/l						
Diethyl phthalate	ND	10	ug/l						
2,4-Dimethylphenol	ND	20	ug/l						

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

City of Simi Valley, Water Quality Control Plant Client Project ID: Semi-annual Monitoring
 2929 Tapo Canyon Road CSV Lab# 8712, W12
 Simi Valley, CA 93063 Report Number: IKB0178
 Attention: Barbara Santos

Sampled: 02/06/01
 Received: 02/06/01

METHOD BLANK/QC DATA

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC Limits	RPD RPD	Data Qualifiers
---------	--------	-----------------	-------	-------------	---------------	------------------	---------	-----------------

Batch: J1B0732 Extracted: 02/07/01

Blank Analyzed: 02/09/01 (J1B0732-BLK1)

Dimethyl phthalate	ND	10	ug/l					
4,6-Dinitro-2-methylphenol	ND	40	ug/l					
2,4-Dinitrophenol	ND	100	ug/l					
2,4-Dinitrotoluene	ND	10	ug/l					
2,6-Dinitrotoluene	ND	10	ug/l					
Di-nonyl phthalate	ND	40	ug/l					
Fluoranthene	ND	10	ug/l					
Fluorene	ND	10	ug/l					
Hexachlorobenzene	ND	10	ug/l					
Hexachlorobutadiene	ND	10	ug/l					
Hexachlorocyclopentadiene	ND	40	ug/l					
Hexachloroethane	ND	10	ug/l					
Indeno(1,2,3-cd)pyrene	ND	20	ug/l					
Isophorone	ND	10	ug/l					
2-Methylnaphthalene	ND	10	ug/l					
2-Methylphenol	ND	10	ug/l					
4-Methylphenol	ND	10	ug/l					
Naphthalene	ND	10	ug/l					
2-Nitroaniline	ND	20	ug/l					
3-Nitroaniline	ND	20	ug/l					
4-Nitroaniline	ND	100	ug/l					
Nitrobenzene	ND	40	ug/l					
2-Nitrophenol	ND	10	ug/l					
4-Nitrophenol	ND	100	ug/l					
n-Nitrosodiphenylamine	ND	10	ug/l					
n-Nitroso-di-n-propylamine	ND	10	ug/l					
Pentachlorophenol	ND	40	ug/l					
Phenanthrene	ND	10	ug/l					
Phenol	ND	10	ug/l					
Pyrene	ND	10	ug/l					
1,2,4-Trichlorobenzene	ND	10	ug/l					
2,4-Dichlorophenol	ND	20	ug/l					
2,4,6-Trichlorophenol	ND	20	ug/l					
Surrogate: 2-Fluorophenol	154		ug/l	200		77.0	30-110	
Surrogate: Phenol-d6	170		ug/l	200		85.0	40-110	

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

City of Simi Valley, Water Quality Control Plant Client Project ID: Semi-annual Monitoring
 29 Tapo Canyon Road CSV Lab# 8712, W12
 Simi Valley, CA 93063 Report Number: IKB0178
 Attention: Barbara Santos

Sampled: 02/06/01
 Received: 02/06/01

METHOD BLANK/QC DATA

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC Limits	RPD RPD	RPD Limit	Data Qualifiers
Batch: I1B0732 Extracted: 02/07/01									
Blank Analyzed: 02/09/01 (I1B0732-BLK1)									
Surrogate: 2,4,6-Tribromophenol	183		ug/l	200		91.5 55-140			
Surrogate: Nitrobenzene-d5	88.2		ug/l	100		88.2 40-110			
Surrogate: 2-Fluorobiphenyl	93.2		ug/l	100		93.2 40-120			
Surrogate: Terphenyl-d14	82.7		ug/l	100		82.7 55-160			
LS Analyzed: 02/09/01 (I1B0732-BS1)									
Acenaphthene	90.3	10	ug/l	100	90.3	55-120			
Acenaphthylene	76.5	10	ug/l	100	76.5	55-120			
Acequinone	82.7	10	ug/l	100	82.7	30-120			
Acenaphrene	93.8	10	ug/l	100	93.8	65-120			
Azobenzene	89.9	20	ug/l	100	89.9	50-125			
Benzidine	ND	100	ug/l	100	84.0	10-200			
Benzoic acid	ND	100	ug/l	100	44.0	25-120			
Benzo(a)anthracene	92.9	10	ug/l	100	92.9	70-125			
Benzo(b)fluoranthene	91.9	10	ug/l	100	91.9	65-125			
Benzo(k)fluoranthene	91.5	10	ug/l	100	91.5	65-135			
Benzo(g,h,i)perylene	104	10	ug/l	100	104	25-150			
Benzo(a)pyrene	92.0	10	ug/l	100	92.0	70-125			
Benzyl alcohol	87.7	20	ug/l	100	87.7	45-120			
Bis(2-chloroethoxy)methane	91.1	10	ug/l	100	91.1	50-120			
Bis(2-chloroethyl)ether	85.6	10	ug/l	100	85.6	45-120			
Bis(2-chloroisopropyl)ether	89.6	10	ug/l	100	89.6	36-120			
Bis(2-ethylhexyl)phthalate	105	50	ug/l	100	105	65-140			
4-Bromophenyl phenyl ether	101	10	ug/l	100	101	55-120			
Butyl benzyl phthalate	99.8	20	ug/l	100	99.8	70-135			
4-Chloroaniline	86.3	10	ug/l	100	86.3	25-120			
2-Chloronaphthalene	88.6	10	ug/l	100	88.6	60-118			
4-Chloro-3-methylphenol	86.3	20	ug/l	100	86.3	55-120			
2-Chlorophenol	81.5	10	ug/l	100	81.5	45-120			
4-Chlorophenyl phenyl ether	87.2	10	ug/l	100	87.2	60-120			
Chrysene	92.9	10	ug/l	100	92.9	70-130			
Dibenz(a,h)anthracene	102	20	ug/l	100	102	50-130			
Dibenzofuran	86.8	10	ug/l	100	86.8	55-120			
Di-n-butyl phthalate	104	20	ug/l	100	104	60-118			
1,3-Dichlorobenzene	66.7	10	ug/l	100	66.7	30-120			

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager



City of Simi Valley, Water Quality Control Plant Client Project ID: Semi-annual Monitoring
 29 Tapo Canyon Road CSV Lab# 8712, W12
 Simi Valley, CA 93063 Report Number: IKB0178
 Attention: Barbara Santos

Sampled: 02/06/01
 Received: 02/06/01

METHOD BLANK/QC DATA

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD RPD	RPD Limit	Data Qualifiers
Batch: I1B0732 Extracted: 02/07/01										
LES Analyzed: 02/09/01 (I1B0732-BS1)										
1,4-Dichlorobenzene	67.1	10	ug/l	100		67.1	35-120			
1,2-Dichlorobenzene	71.1	10	ug/l	100		71.1	45-120			
3,4-Dichlorobenzidine	76.3	40	ug/l	100		76.3	35-145			
2,4-Dichlorophenol	85.2	10	ug/l	100		85.2	50-120			
Diethyl phthalate	95.8	10	ug/l	100		95.8	65-114			
2,4-Dimethylphenol	69.7	20	ug/l	100		69.7	32-119			
Dimethyl phthalate	95.9	10	ug/l	100		95.9	65-112			
4,6-Dinitro-2-methylphenol	95.0	40	ug/l	100		95.0	65-125			
2,4-Dinitrophenol	ND	100	ug/l	100		72.8	40-125			
2,4-Dinitrotoluene	87.3	10	ug/l	100		87.3	65-120			
2,6-Dinitrotoluene	93.0	10	ug/l	100		93.0	65-120			
Dioctyl phthalate	101	40	ug/l	100		101	55-146			
Fluoranthene	89.1	10	ug/l	100		89.1	70-120			
Fluorene	86.7	10	ug/l	100		86.7	59-120			
Heptachlorobenzene	101	10	ug/l	100		101	60-120			
Heptachlorobutadiene	76.7	10	ug/l	100		76.7	35-116			
Hexachlorocyclopentadiene	40.4	40	ug/l	100		40.4	10-120			
Hexachloroethane	62.4	10	ug/l	100		62.4	40-113			
Indeno(1,2,3-cd)pyrene	101	20	ug/l	100		101	40-135			
Isophorone	96.6	10	ug/l	100		96.6	50-120			
2-Methylnaphthalene	82.9	10	ug/l	100		82.9	55-120			
2-Methylphenol	83.9	10	ug/l	100		83.9	45-120			
4-Methylphenol	82.3	10	ug/l	100		82.3	45-120			
Naphthalene	83.3	10	ug/l	100		83.3	45-120			
2-Nitroaniline	90.1	20	ug/l	100		90.1	50-135			
3-Nitroaniline	83.0	20	ug/l	100		83.0	50-125			
4-Nitroaniline	ND	100	ug/l	100		75.5	55-140			
Nitrobenzene	91.0	40	ug/l	100		91.0	45-120			
2-Nitrophenol	86.2	10	ug/l	100		86.2	50-120			
4-Nitrophenol	ND	100	ug/l	100		82.0	50-132			
n-Nitrosodiphenylamine	103	10	ug/l	100		103	45-120			
n-Nitroso-di-n-propylamine	91.2	10	ug/l	100		91.2	45-125			
Peptachlorophenol	99.8	40	ug/l	100		99.8	50-130			
Phenanthrene	93.9	10	ug/l	100		93.9	65-120			
Phenol	78.2	10	ug/l	100		78.2	35-112			

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

City of Simi Valley, Water Quality Control Plant Client Project ID: Semi-annual Monitoring
 2999 Tapo Canyon Road CSV Lab# 8712, W12
 Simi Valley, CA 93063 Report Number: IKB0178
 Attention: Barbara Santos

Sampled: 02/06/01
 Received: 02/06/01

METHOD BLANK/QC DATA

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD RPD	RPD Limit	Data Qualifiers
Batch: I1B0732 Extracted: 02/07/01										
LCS Analyzed: 02/09/01 (I1B0732-BS1)										
Pyrene	91.4	10	ug/l	100		91.4	65-115			
1,2,4-Trichlorobenzene	79.3	10	ug/l	100		79.3	50-120			
2,4,6-Trichlorophenol	89.8	20	ug/l	100		89.8	55-120			
2,4,6-Trichlorophenol	91.0	20	ug/l	100		91.0	55-120			
Surrogate: 2-Fluorophenol	147		ug/l	200		73.5	30-110			
Surrogate: Phenol-d6	158		ug/l	200		79.0	40-110			
Surrogate: 2,4,6-Tribromophenol	186		ug/l	200		93.0	55-140			
Surrogate: Nitrobenzene-d5	86.8		ug/l	100		86.8	40-110			
Surrogate: 2-Fluorobiphenyl	88.6		ug/l	100		88.6	40-120			
Surrogate: Terphenyl-d14	91.0		ug/l	100		91.0	55-160			

Matrix Spike Analyzed: 02/10/01 (I1B0732-MS1)

Source: IKB0178-01

Acenaphthene	185	20	ug/l	200	ND	92.5	60-120			
Benzo(a)anthracene	192	20	ug/l	200	ND	96.0	70-125			
4-Chloro-3-methylphenol	168	40	ug/l	200	ND	84.0	55-120			
2-Chlorophenol	166	20	ug/l	200	ND	83.0	45-120			
Dibenz(a,h)anthracene	201	40	ug/l	200	ND	101	50-130			
1,4-Dichlorobenzene	131	20	ug/l	200	ND	65.5	35-120			
Dimethyl phthalate	193	20	ug/l	200	ND	96.5	60-114			
2,4-Dinitrotoluene	175	20	ug/l	200	ND	87.5	65-120			
Hexachlorobutadiene	152	20	ug/l	200	ND	76.0	40-116			
Naphthalene	168	20	ug/l	200	ND	84.0	40-120			
4-Nitrophenol	ND	200	ug/l	200	ND	75.5	40-130			
n-Nitroso-di-n-propylamine	184	20	ug/l	200	ND	92.0	50-120			
Pentachlorophenol	191	80	ug/l	200	ND	95.5	50-130			
Phenol	156	20	ug/l	200	ND	78.0	35-120			
Pyrene	184	20	ug/l	200	ND	92.0	50-115			
1,2,4-Trichlorobenzene	158	20	ug/l	200	ND	79.0	44-120			
Surrogate: 2-Fluorophenol	298		ug/l	400		74.5	30-110			
Surrogate: Phenol-d6	313		ug/l	400		78.3	40-110			
Surrogate: 2,4,6-Tribromophenol	376		ug/l	400		94.0	55-140			
Surrogate: Nitrobenzene-d5	174		ug/l	200		87.0	40-110			
Surrogate: 2-Fluorobiphenyl	184		ug/l	200		92.0	40-120			
Surrogate: Terphenyl-d14	182		ug/l	200		91.0	55-160			

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

City of Simi Valley, Water Quality Control Plant Client Project ID: Semi-annual Monitoring
 29 Tapo Canyon Road CSV Lab# 8712, W12
 Simi Valley, CA 93063 Report Number: IKB0178
 Attention: Barbara Santos

Sampled: 02/06/01
 Received: 02/06/01

METHOD BLANK/QC DATA

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD RPD	RPD Limit	Data Qualifiers
---------	--------	-----------------	-------	-------------	---------------	-----------	-------------	---------	-----------	-----------------

Batch: J1B0732 Extracted: 02/07/01

Matrix Spike Dup Analyzed: 02/10/01 (I1B0732-MSD1)

Source: IKB0178-01

Acenaphthene	180	20	ug/l	200	ND	90.0	60-120	2.74	25	
Benzo(a)anthracene	188	20	ug/l	200	ND	94.0	70-125	2.11	20	
4-Chloro-3-methylphenol	171	40	ug/l	200	ND	85.5	55-120	1.77	25	
2-Chlorophenol	160	20	ug/l	200	ND	80.0	45-120	3.68	25	
Dibenz(a,h)anthracene	183	40	ug/l	200	ND	91.5	50-130	9.38	20	
1,4-Dichlorobenzene	134	20	ug/l	200	ND	67.0	35-120	2.26	25	
Diethyl phthalate	189	20	ug/l	200	ND	94.5	60-114	2.09	25	
2,4-Dinitrotoluene	182	20	ug/l	200	ND	91.0	65-120	3.92	20	
Hexachlorobutadiene	125	20	ug/l	200	ND	62.5	40-116	19.5	25	
Naphthalene	167	20	ug/l	200	ND	83.5	40-120	0.597	25	
4-Nitrophenol	ND	200	ug/l	200	ND	81.5	40-130	7.64	25	
n-Nitroso-di-n-propylamine	185	20	ug/l	200	ND	92.5	50-120	0.542	25	
Pentachlorophenol	198	80	ug/l	200	ND	99.0	50-130	3.60	25	
Phenol	153	20	ug/l	200	ND	76.5	35-120	1.94	25	
Pyrene	177	20	ug/l	200	ND	88.5	50-115	3.88	20	
1,2,4-Trichlorobenzene	151	20	ug/l	200	ND	75.5	44-120	4.53	25	
Surrogate: 2-Fluorophenol	287		ug/l	400		71.8	30-110			
Surrogate: Phenol-d6	311		ug/l	400		77.8	40-110			
Surrogate: 2,4,6-Tribromophenol	376		ug/l	400		94.0	55-140			
Surrogate: Nitrobenzene-d5	171		ug/l	200		85.5	40-110			
Surrogate: 2-Fluorobiphenyl	180		ug/l	200		90.0	40-120			
Surrogate: Terphenyl-d14	173		ug/l	200		86.5	55-160			

City of Simi Valley, Water Quality Control Plant Client Project ID: Semi-annual Monitoring
279 Tapo Canyon Road CSV Lab# 8712, W12
Simi Valley, CA 93063 Report Number: IKB0178
Attention: Barbara Santos

Sampled: 02/06/01
Received: 02/06/01

DATA QUALIFIERS AND DEFINITIONS

- N** Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.
- NR** Not reported.
- RPD** Relative Percent Difference

City of Simi Valley, Water Quality Control Plant Client Project ID: Semi-annual Monitoring
 229 Tapo Canyon Road CSV Lab# 8712, W12
 Simi Valley, CA 93063 Report Number: IKB0178
 Attention: Barbara Santos

Sampled: 02/06/01
 Received: 02/06/01

METHOD BLANK/QC DATA

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS (EPA 418.1)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limit	RPD	RPD Limit	Data Qualifiers
Batch: I1B1240 Extracted: 02/12/01										
Blank Analyzed: 02/12/01 (I1B1240-BLK1)										
Total Recoverable Hydrocarbons	ND	1.0	mg/l							
LC Analyzed: 02/12/01 (I1B1240-BS1)										
Total Recoverable Hydrocarbons	4.57	1.0	mg/l	5.00		91.4	80-120			
LC Dup Analyzed: 02/12/01 (I1B1240-BSD1)										
Total Recoverable Hydrocarbons	4.57	1.0	mg/l	5.00		91.4	80-120	0	15	

City of Simi Valley, Water Quality Control Plant
2929 Tapo Canyon Rd.
Simi Valley, CA 93063

Project: Semi-Annual Test/Quarterly W12
Lab ID No. 8712

PO# 44463

Project Manager:

Barbara Santos

Phone: 805/583-6446

FAX: 805/583-6402

Sampler:

507-N + P pesticides

508- Cl pest. & PCBs

625

TRPH 418.1

Arsenic

MBAS *

Oil & Grease *

2K30178

Special Instructions

Sample Description	Sample Matrix	Sampling Date/Time	Container Type	# of Containers	Preservative	507-N + P pesticides	508- Cl pest. & PCBs	625	TRPH 418.1	Arsenic	MBAS *	Oil & Grease *	Special Instructions	
W12 Comp.	AQ	Feb 6, 2001	1L amber	2	none	X							1L extra	
W12 Comp.	AQ	1100	1L amber	2	none		X						1L extra	
W12 Comp.	AQ	↓	1L amber	2	none			X					1L extra	
W12 Comp.	AQ		1L amber	1	HCl				X					
W12 Comp.	AQ		500mL poly	1	HNO3					X				
W12 Comp.	AQ		500mL poly	1	none						X		* Quarterly testing	
W12 Comp.	AQ		1L amber	1	HCl							X		

-18-

Relinquished By: *[Signature]* Date/Time: 2/6/01 1549

Received By: *[Signature]* Date/Time: 2/6/01 1549

Turnaround Time: (Check)
Same Day 72 Hours

Relinquished By: *[Signature]* Date/Time: 2/6/01 1850

Received By: *[Signature]* Date/Time: 2-6-01 1850

24 Hours 5 Days
48 Hours Normal

Relinquished By: *[Signature]* Date/Time:
Intact

Received By: *[Signature]* Date/Time:
On Ice 5°C

Sample Integrity:
Intact On Ice 5°C

City of Simi Valley, Water Quality Control Plant Client Project ID: Semi-annual Monitoring
 2229 Tapo Canyon Road CSV Lab# 8711, W11
 Simi Valley, CA 93063 Report Number: IKB0179
 Attention: Barbara Santos

Sampled: 02/06/01
 Received: 02/06/01

METHOD BLANK/QC DATA

METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limits RPD	RPD Limit	Data Qualifiers
Batch: I1B0831 Extracted: 02/08/01									
Blank Analyzed: 02/08/01 (I1B0831-BLK1)									
Arsenic	ND	0.0050	mg/l						
Loss Analyzed: 02/08/01 (I1B0831-BS1)									
Arsenic	0.969	0.0050	mg/l	1.00		96.9	80-120		
Matrix Spike Analyzed: 02/08/01 (I1B0831-MS1)									
Arsenic	1.00	0.0050	mg/l	1.00	ND	100	75-125		
Matrix Spike Dup Analyzed: 02/08/01 (I1B0831-MSD1)									
Arsenic	1.04	0.0050	mg/l	1.00	ND	104	75-125	3.92	20



City of Simi Valley, Water Quality Control Plant Client Project ID: Semi-annual Monitoring
 2929 Tapo Canyon Road CSV Lab# 8711, W11
 Simi Valley, CA 93063 Report Number: IKB0179
 Attention: Barbara Santos

Sampled: 02/06/01
 Received: 02/06/01

METHOD BLANK/QC DATA

INORGANICS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 11B0730 Extracted: 02/07/01									
Blank Analyzed: 02/07/01 (11B0730-BLK1)									
Surfactants (MBAS)	ND	0.10	mg/l						
LCS Analyzed: 02/07/01 (11B0730-BS1)									
Surfactants (MBAS)	0.246	0.10	mg/l	0.250		98.4 90-110			
Matrix Spike Analyzed: 02/07/01 (11B0730-MS1)									
Surfactants (MBAS)	0.309	0.10	mg/l	0.250	ND	95.6 50-125			
Matrix Spike Dup Analyzed: 02/07/01 (11B0730-MSD1)									
Surfactants (MBAS)	0.329	0.10	mg/l	0.250	ND	104 50-125	6.27	20	
Batch: 11B0944 Extracted: 02/09/01									
Blank Analyzed: 02/09/01 (11B0944-BLK1)									
Oil & Grease	ND	5.0	mg/l						
LCS Analyzed: 02/09/01 (11B0944-BS1)									
Oil & Grease	18.7	5.0	mg/l	20.0		93.5 80-120			
LCS Dup Analyzed: 02/09/01 (11B0944-BSD1)									
Oil & Grease	22.2	5.0	mg/l	20.0		111 80-120	17.1	20	

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager



MONTGOMERY WATSON LABORATORIES

a Division of Montgomery Watson Americas, Inc.
555 East Walnut Street
Pasadena, California 91101
Tel: 626 568 6400 Fax: 626 568 6324
1 800 566 LABS (1 800 566 5227)

Laboratory Report

for

Del Mar Analytical-Irvine
2852 Alton Ave.

Irvine , CA 92714

Attention: Michele Harper
Fax: 949-261-1228

DATE OF ISSUE
MAR 06 2001
MONTGOMERY WATSON LABS

Debbie Frank
DEB Debbie Frank
Project Manager

Report#: 74975
SUBCONTRACT

Laboratory certifies that the test results meet all QA/QC requirements unless noted in the Comments section or the Case Narrative. Following the cover page are QC Report, QC Summary, Data Report, Hits Report, totaling 9 page[s].

SUBCONTRACT ORDER

Del Mar Analytical, Irvine

IKB0179

SENDING LABORATORY:

Del Mar Analytical, Irvine
2852 Alton Parkway
Irvine, CA 92606
Phone: (949) 261-1022
Fax: (949) 261-1228
Project Manager: Rachel Parker

RECEIVING LABORATORY:

Montgomery Watson Lab - SUB
555 E. Walnut Street
Pasadena, CA 91101
Phone: (626) 568-6400
Fax: (626) 568-~~6315~~
6324

T = 6°C
Reg Ice

PO# 44463 for 6/00-6/01. Use a SEPARATE WORK ORDER for each CSV sample/ID!!!! FAX work order after receipt & FAX COC with results.

Analysis	Due	Expires	Laboratory ID	Comments
Sample ID: IKB0179-01	Water	Sampled: 02/06/01 11:30		4 Ambers
507-N+P Pesticides	02/15/01 12:00	02/20/01 11:30		To Mont. Watson;
508-Cl Pesticides	02/15/01 12:00	02/13/01 11:30		To Mont. Watson;
503A-PCBs	02/15/01 12:00	02/20/01 11:30		To Mont. Watson;

74964

Released By Laura Morgan Date 2/8/01 9:30 Received By [Signature] Date 2/8/01 9:30

Released By [Signature] Date 2/8/01 Received By Suzanne Watson Date 2/8/01



MONTGOMERY WATSON LABORATORIES

a Division of Montgomery Watson Americas, Inc.
555 East Walnut Street
Pasadena, California 91101
Tel: 626 568 6400 Fax: 626 568 8324
1 800 566 LABS (1 800 566 5227)

Laboratory
QC Report
#74975

Del Mar Analytical-Irvine

QC Ref #135423 Pesticides; N/P; Short list

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 21	02020008		(0.00 - 0.00)	
LCS1	Alachlor (Alanex)	2.50	2.35	94.0	(62.00 - 128.00)	
LCS2	Alachlor (Alanex)	2.50	2.45	98.0	(62.00 - 128.00)	4.2
MBLK	Alachlor (Alanex)	ND				
MS	Alachlor (Alanex)	2.50	2.25	90.0	(62.00 - 128.00)	
MSD	Alachlor (Alanex)	2.50	2.42	96.8	(62.00 - 128.00)	7.3
MBLK	Atrazine (Atrex)	ND				
LCS1	Atrazine	2.50	2.31	92.4	(62.00 - 122.00)	
LCS2	Atrazine	2.50	2.45	98.0	(62.00 - 122.00)	5.9
MS	Atrazine	2.50	2.21	88.4	(62.00 - 122.00)	
MSD	Atrazine	2.50	2.41	96.4	(62.00 - 122.00)	8.7
MBLK	Bromacil (Hyvar)	ND				
LCS1	Bromacil	25.0	21.8	87.2	(61.00 - 121.00)	
LCS2	Bromacil	25.0	22.7	90.8	(61.00 - 121.00)	4.0
MS	Bromacil	25.0	20.0	80.0	(61.00 - 121.00)	
MSD	Bromacil	25.0	21.8	87.2	(61.00 - 121.00)	8.6
LCS1	Cyanazine	2.50	2.36	94.4	(70.00 - 130.00)	
LCS2	Cyanazine	2.50	2.54	101.6	(70.00 - 130.00)	7.3
MBLK	Cyanazine	ND				
MS	Cyanazine	2.50	2.26	90.4	(70.00 - 130.00)	
MSD	Cyanazine	2.50	2.51	100.4	(70.00 - 130.00)	10
LCS1	Diazinon	2.50	2.39	95.6	(85.00 - 145.00)	
LCS2	Diazinon	2.50	2.57	102.8	(85.00 - 145.00)	7.3
MBLK	Diazinon	ND				
MS	Diazinon	2.50	2.17	86.8	(85.00 - 145.00)	
MSD	Diazinon	2.50	2.46	98.4	(85.00 - 145.00)	13
LCS1	Dimethoate (Cygon)	2.50	2.11	84.4	(70.00 - 130.00)	
LCS2	Dimethoate (Cygon)	2.50	2.20	88.0	(70.00 - 130.00)	4.2
MBLK	Dimethoate (Cygon)	ND				
MS	Dimethoate (Cygon)	2.50	2.01	80.4	(70.00 - 130.00)	
MSD	Dimethoate (Cygon)	2.50	2.25	90.0	(70.00 - 130.00)	11
MBLK	Molinate (Ordram)	ND				
LCS1	Molinate	2.50	2.26	90.4	(44.00 - 152.00)	

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates
are advisory only, unless otherwise specified in the method.

**MONTGOMERY WATSON LABORATORIES**

a Division of Montgomery Watson Americas, Inc.
 555 East Walnut Street
 Pasadena, California 91101
 Tel: 626 568 6400 Fax: 626 568 6324
 1 800 566 LABS (1 800 566 5227)

Laboratory
 QC Report
 #74975

Del Mar Analytical-Irvine
 (continued)

LCS2	Molinate	2.50	2.43	97.2	(44.00 - 152.00)	7.2
MS	Molinate	2.50	2.18	87.2	(44.00 - 152.00)	
MSD	Molinate	2.50	2.38	95.2	(44.00 - 152.00)	8.8
LCS1	Prometryn (Caparol)	2.50	2.27	90.8	(63.00 - 123.00)	
LCS2	Prometryn (Caparol)	2.50	2.41	96.4	(63.00 - 123.00)	6.0
MS	Prometryn (Caparol)	2.50	2.16	86.4	(63.00 - 123.00)	
MSD	Prometryn (Caparol)	2.50	2.43	97.2	(63.00 - 123.00)	12
MBLK	Prometryn (Caparol)	ND				
LCS1	Simazine (Princep)	2.50	2.29	91.6	(70.00 - 130.00)	
LCS2	Simazine (Princep)	2.50	2.41	96.4	(70.00 - 130.00)	5.1
MBLK	Simazine (Princep)	ND				
MS	Simazine (Princep)	2.50	2.21	88.4	(70.00 - 130.00)	
MSD	Simazine (Princep)	2.50	2.43	97.2	(70.00 - 130.00)	9.5
LCS1	1,3-Dimethyl-2-nitrobenzene	100	88	88.0	(70.00 - 130.00)	
LCS2	1,3-Dimethyl-2-nitrobenzene	100	96	96.0	(70.00 - 130.00)	8.7
MBLK	1,3-Dimethyl-2-nitrobenzene	100	92	92.0		
MS	1,3-Dimethyl-2-nitrobenzene	100	96	96.0	(70.00 - 130.00)	
MSD	1,3-Dimethyl-2-nitrobenzene	100	102	102.0	(70.00 - 130.00)	6.1
LCS1	Thiobencarb (Bolero)	2.50	2.41	96.4	(70.00 - 130.00)	
LCS2	Thiobencarb (Bolero)	2.50	2.52	100.8	(70.00 - 130.00)	4.5
MBLK	Thiobencarb (Bolero)	ND				
MS	Thiobencarb (Bolero)	2.50	2.20	88.0	(70.00 - 130.00)	
MSD	Thiobencarb (Bolero)	2.50	2.64	105.6	(70.00 - 130.00)	18

QC Ref #136014

SDWA Pesticides

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MBLK	PCB 1016 Aroclor	ND				
MBLK	PCB 1221 Aroclor	ND				
MBLK	PCB 1232 Aroclor	ND				
LCS1	PCB 1242 Aroclor	0.500	0.502	100.4	(70.00 - 130.00)	
MBLK	PCB 1242 Aroclor	ND				
MS	PCB 1242 Aroclor	0.500	0.534	106.8	(70.00 - 130.00)	
MSD	PCB 1242 Aroclor	0.500	0.546	109.2	(70.00 - 130.00)	2.2
MBLK	PCB 1248 Aroclor	ND				

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
 Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates
 are advisory only, unless otherwise specified in the method.



MONTGOMERY WATSON LABORATORIES

a Division of Montgomery Watson Americas, Inc.
555 East Walnut Street
Pasadena, California 91101
Tel: 626 568 6400 Fax: 626 568 6324
1 800 566 LABS (1 800 566 5227)

Laboratory
QC Report
#74975

Del Mar Analytical-Irvine
(continued)

MBLK	PCB 1254 Aroclor	ND				
MBLK	PCB 1260 Aroclor	ND				
LCS1	Alpha-BHC	0.050	0.048	96.0	(62.00 - 122.00)	
MBLK	Alpha-BHC	ND				
MS	Alpha-BHC	0.050	0.045	90.0	(71.00 - 126.00)	
MSD	Alpha-BHC	0.050	0.052	104.0	(71.00 - 126.00)	14
MS	Spiked sample	Lab # 21	02080112		(0.00 - 0.00)	
LCS1	Alachlor (Alanex)	0.100	0.088	88.0	(70.00 - 130.00)	
MBLK	Alachlor (Alanex)	ND				
MS	Alachlor (Alanex)	0.100	0.085	85.0	(65.00 - 135.00)	
MSD	Alachlor (Alanex)	0.100	0.091	91.0	(65.00 - 135.00)	6.8
LCS1	Aldrin	0.050	0.044	88.0	(56.00 - 116.00)	
MBLK	Aldrin	ND				
MS	Aldrin	0.050	0.045	90.0	(62.00 - 117.00)	
MSD	Aldrin	0.050	0.051	102.0	(62.00 - 117.00)	12
LCS1	Beta-BHC	0.050	0.052	104.0	(65.00 - 125.00)	
MBLK	Beta-BHC	ND				
MS	Beta-BHC	0.050	0.049	98.0	(60.00 - 130.00)	
MSD	Beta-BHC	0.050	0.054	108.0	(60.00 - 130.00)	9.7
MBLK	Chlordane	ND				
LCS1	Chlorthalonil (Draconil, Bravo)	0.100	0.090	90.0	(61.00 - 121.00)	
MBLK	Chlorthalonil (Draconil, Bravo)	ND				
MS	Chlorthalonil (Draconil, Bravo)	0.100	0.086	86.0	(56.00 - 126.00)	
MSD	Chlorthalonil (Draconil, Bravo)	0.100	0.094	94.0	(56.00 - 126.00)	8.9
LCS1	Delta-BHC	0.050	0.050	100.0	(72.00 - 131.00)	
MBLK	Delta-BHC	ND				
MS	Delta-BHC	0.050	0.047	94.0	(67.00 - 137.00)	
MSD	Delta-BHC	0.050	0.053	106.0	(67.00 - 137.00)	12
LCS1	p,p' DDD	0.100	0.100	100.0	(77.00 - 137.00)	
MBLK	p,p' DDD	ND				
MS	p,p' DDD	0.100	0.093	93.0	(72.00 - 142.00)	
MSD	p,p' DDD	0.100	0.107	107.0	(72.00 - 142.00)	14
LCS1	p,p' DDE	0.100	0.101	101.0	(69.00 - 129.00)	
MBLK	p,p' DDE	ND				
MS	p,p' DDE	0.100	0.096	96.0	(73.00 - 131.00)	
MSD	p,p' DDE	0.100	0.111	111.0	(73.00 - 131.00)	14

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates
are advisory only, unless otherwise specified in the method.

**MONTGOMERY WATSON LABORATORIES**

a Division of Montgomery Watson Americas, Inc.
 555 East Walnut Street
 Pasadena, California 91101
 Tel: 626 568 6400 Fax: 626 568 6324
 1 800 568 LABS (1 800 566 5227)

Laboratory
 QC Report
 #74975

Del Mar Analytical-Irvine
 (continued)

LCS1	p,p' DDT	0.100	0.103	103.0	(82.00 - 142.00)
MBLK	p,p' DDT	ND			
MS	p,p' DDT	0.100	0.097	97.0	(77.00 - 147.00)
MSD	p,p' DDT	0.100	0.109	109.0	(77.00 - 147.00) 12
LCS1	Dieldrin	0.100	0.099	99.0	(57.00 - 117.00)
MBLK	Dieldrin	ND			
MS	Dieldrin	0.100	0.094	94.0	(52.00 - 122.00)
MSD	Dieldrin	0.100	0.106	106.0	(52.00 - 122.00) 12
LCS1	Endrin Aldehyde	0.100	0.065	65.0	(58.00 - 118.00)
MBLK	Endrin Aldehyde	ND			
MS	Endrin Aldehyde	0.100	0.061	61.0	(53.00 - 123.00)
MSD	Endrin Aldehyde	0.100	0.068	68.0	(53.00 - 123.00) 11
LCS1	Endrin	0.100	0.112	112.0	(58.00 - 118.00)
MBLK	Endrin	ND			
MS	Endrin	0.100	0.104	104.0	(53.00 - 123.00)
MSD	Endrin	0.100	0.115	115.0	(53.00 - 123.00) 10
LCS1	Endosulfan I (alpha)	0.050	0.037	74.0	(57.00 - 117.00)
MBLK	Endosulfan I (alpha)	ND			
MS	Endosulfan I (alpha)	0.050	0.043	86.0	(52.00 - 122.00)
MSD	Endosulfan I (alpha)	0.050	0.048	96.0	(52.00 - 122.00) 11
LCS1	Endosulfan II (beta)	0.100	0.096	96.0	(62.00 - 122.00)
MBLK	Endosulfan II (beta)	ND			
MS	Endosulfan II (beta)	0.100	0.091	91.0	(57.00 - 127.00)
MSD	Endosulfan II (beta)	0.100	0.105	105.0	(57.00 - 127.00) 14
LCS1	Endosulfan sulfate	0.100	0.102	102.0	(72.00 - 132.00)
MBLK	Endosulfan sulfate	ND			
MS	Endosulfan sulfate	0.100	0.097	97.0	(72.00 - 137.00)
MSD	Endosulfan sulfate	0.100	0.109	109.0	(72.00 - 137.00) 12
LCS1	Heptachlor	0.050	0.047	94.0	(68.00 - 128.00)
MBLK	Heptachlor	ND			
MS	Heptachlor	0.050	0.047	94.0	(68.00 - 129.00)
MSD	Heptachlor	0.050	0.052	104.0	(68.00 - 129.00) 10
LCS1	Heptachlor Epoxide	0.050	0.049	98.0	(57.00 - 117.00)
MBLK	Heptachlor Epoxide	ND			
MS	Heptachlor Epoxide	0.050	0.048	96.0	(52.00 - 122.00)
MSD	Heptachlor Epoxide	0.050	0.056	112.0	(52.00 - 122.00) 15

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
 Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates
 are advisory only, unless otherwise specified in the method.



MONTGOMERY WATSON LABORATORIES

a Division of Montgomery Watson Americas, Inc.
555 East Walnut Street
Pasadena, California 91101
Tel: 826 568 6400 Fax: 826 568 6324
1 800 566 LABS (1 800 566 5227)

Laboratory
QC Report
#74975

Del Mar Analytical-Irvine
(continued)

LCS1	Lindane (gamma-BHC)	0.050	0.049	98.0	(59.00 - 119.00)
MBLK	Lindane (gamma-BHC)	ND			
MS	Lindane (gamma-BHC)	0.050	0.046	92.0	(54.00 - 124.00)
MSD	Lindane (gamma-BHC)	0.050	0.052	104.0	(54.00 - 124.00) 12
LCS1	Methoxychlor	0.500	0.548	109.6	(75.00 - 135.00)
MBLK	Methoxychlor	ND			
MS	Methoxychlor	0.500	0.514	102.8	(70.00 - 132.00)
MSD	Methoxychlor	0.500	0.578	115.6	(70.00 - 132.00) 12
LCS1	Tetrachlorometaxylene (surr)	100	89	89.0	(70.00 - 130.00)
MBLK	Tetrachlorometaxylene (surr)	100	84	84.0	
MS	Tetrachlorometaxylene (surr)	100	94	94.0	(70.00 - 130.00)
MSD	Tetrachlorometaxylene (surr)	100	109	109.0	(70.00 - 130.00) 15
LCS1	Dibutyl chlorendate (surr)	100	104	104.0	(70.00 - 130.00)
MBLK	Dibutyl chlorendate (surr)	100	112	112.0	
MS	Dibutyl chlorendate (surr)	100	100	100.0	(70.00 - 130.00)
MSD	Dibutyl chlorendate (surr)	100	112	112.0	(70.00 - 130.00) 11
MBLK	Toxaphene	ND			

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates
are advisory only, unless otherwise specified in the method.

City of Simi Valley, Water Quality Control Plant Client Project ID: Semi-annual Monitoring
 299 Tapo Canyon Road CSV Lab# 8711, W11
 Simi Valley, CA 93063 Report Number: IKB0179
 Attention: Barbara Santos

Sampled: 02/06/01
 Received: 02/06/01

METHOD BLANK/QC DATA

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limit RPD	RPD	Data Qualifiers
Batch: I1B0732 Extracted: 02/07/01									
Blank Analyzed: 02/09/01 (I1B0732-BLK1)									
Acenaphthene	ND	10	ug/l						
Acenaphthylene	ND	10	ug/l						
Aniline	ND	10	ug/l						
Anthracene	ND	10	ug/l						
Azobenzene	ND	20	ug/l						
Benadine	ND	100	ug/l						
Benzoic acid	ND	100	ug/l						
Benzo(a)anthracene	ND	10	ug/l						
Benzo(b)fluoranthene	ND	10	ug/l						
Benzo(k)fluoranthene	ND	10	ug/l						
Benzo(g,h,i)perylene	ND	10	ug/l						
Benzo(a)pyrene	ND	10	ug/l						
Benzyl alcohol	ND	20	ug/l						
Bis(2-chloroethoxy)methane	ND	10	ug/l						
Bis(2-chloroethyl)ether	ND	10	ug/l						
Bis(2-chloroisopropyl)ether	ND	10	ug/l						
Bis(2-ethylhexyl)phthalate	ND	50	ug/l						
4-Bromophenyl phenyl ether	ND	10	ug/l						
Bulk benzyl phthalate	ND	20	ug/l						
4-Chloroaniline	ND	10	ug/l						
2-Chloronaphthalene	ND	10	ug/l						
4-Chloro-3-methylphenol	ND	20	ug/l						
2-Chlorophenol	ND	10	ug/l						
4-Chlorophenyl phenyl ether	ND	10	ug/l						
Chrysene	ND	10	ug/l						
Dibenz(a,h)anthracene	ND	20	ug/l						
Dibenzofuran	ND	10	ug/l						
Dibutyl phthalate	ND	20	ug/l						
1,2-Dichlorobenzene	ND	10	ug/l						
1,4-Dichlorobenzene	ND	10	ug/l						
1,2-Dichlorobenzene	ND	10	ug/l						
3,4-Dichlorobenzidine	ND	40	ug/l						
2,4-Dichlorophenol	ND	10	ug/l						
Diethyl phthalate	ND	10	ug/l						
2,4-Dimethylphenol	ND	20	ug/l						

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager



City of Simi Valley, Water Quality Control Plant Client Project ID: Semi-annual Monitoring
 229 Tapo Canyon Road CSV Lab# 8711, W11
 Simi Valley, CA 93063 Report Number: IKB0179
 Attention: Barbara Santos
 Sampled: 02/06/01
 Received: 02/06/01

METHOD BLANK/QC DATA

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD RPD	Data Limit	Qualifiers
Batch: I1B0732 Extracted: 02/07/01										
Blank Analyzed: 02/09/01 (I1B0732-BLK1)										
Dimethyl phthalate	ND	10	ug/l							
4,6-Dinitro-2-methylphenol	ND	40	ug/l							
2,4-Dinitrophenol	ND	100	ug/l							
2,4-Dinitrotoluene	ND	10	ug/l							
2,6-Dinitrotoluene	ND	10	ug/l							
Dioctyl phthalate	ND	40	ug/l							
Fluoranthene	ND	10	ug/l							
Fluorene	ND	10	ug/l							
Hexachlorobenzene	ND	10	ug/l							
Hexachlorobutadiene	ND	10	ug/l							
Hexachlorocyclopentadiene	ND	40	ug/l							
Hexachloroethane	ND	10	ug/l							
Indeno(1,2,3-cd)pyrene	ND	20	ug/l							
Isophorone	ND	10	ug/l							
1-Methylnaphthalene	ND	10	ug/l							
2-Methylphenol	ND	10	ug/l							
4-Methylphenol	ND	10	ug/l							
Naphthalene	ND	10	ug/l							
2-Nitroaniline	ND	20	ug/l							
3-Nitroaniline	ND	20	ug/l							
4-Nitroaniline	ND	100	ug/l							
Nitrobenzene	ND	40	ug/l							
2-Nitrophenol	ND	10	ug/l							
4-Nitrophenol	ND	100	ug/l							
n-Nitrosodiphenylamine	ND	10	ug/l							
n-Nitroso-di-n-propylamine	ND	10	ug/l							
Pentachlorophenol	ND	40	ug/l							
Phenanthrene	ND	10	ug/l							
Phenol	ND	10	ug/l							
Pyrene	ND	10	ug/l							
1,2,4-Trichlorobenzene	ND	10	ug/l							
2,3,5-Trichlorophenol	ND	20	ug/l							
2,3,6-Trichlorophenol	ND	20	ug/l							
Surrogate: 2-Fluorophenol	154		ug/l	200		77.0	30-110			
Surrogate: Phenol-d6	170		ug/l	200		85.0	40-110			

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical.

City of Simi Valley, Water Quality Control Plant Client Project ID: Semi-annual Monitoring
 299 Tapo Canyon Road CSV Lab# 8711, W11
 Simi Valley, CA 93063 Report Number: IKB0179
 Attention: Barbara Santos Sampled: 02/06/01
 Received: 02/06/01

METHOD BLANK/QC DATA

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limit	RPD	RPD	Data Qualifiers
Batch: 11B0732 Extracted: 02/07/01										
Blank Analyzed: 02/09/01 (11B0732-BLK1)										
Surrogate: 2,4,6-Tribromophenol	183		ug/l	200		91.5	55-140			
Surrogate: Nitrobenzene-d5	88.2		ug/l	100		88.2	40-110			
Surrogate: 2-Fluorobiphenyl	93.2		ug/l	100		93.2	40-120			
Surrogate: Terphenyl-d14	82.7		ug/l	100		82.7	55-160			
LC Analyzed: 02/09/01 (11B0732-BS1)										
Acenaphthene	90.3	10	ug/l	100		90.3	55-120			
Acenaphthylene	76.5	10	ug/l	100		76.5	55-120			
Aniline	82.7	10	ug/l	100		82.7	30-120			
Anthracene	93.8	10	ug/l	100		93.8	65-120			
Azobenzene	89.9	20	ug/l	100		89.9	50-125			
Benzidine	ND	100	ug/l	100		84.0	10-200			
Benzoic acid	ND	100	ug/l	100		44.0	25-120			
Benzo(a)anthracene	92.9	10	ug/l	100		92.9	70-125			
Benzo(b)fluoranthene	91.9	10	ug/l	100		91.9	65-125			
Benzo(k)fluoranthene	91.5	10	ug/l	100		91.5	65-135			
Benzo(g,h,i)perylene	104	10	ug/l	100		104	25-150			
Benzo(a)pyrene	92.0	10	ug/l	100		92.0	70-125			
Benzyl alcohol	87.7	20	ug/l	100		87.7	45-120			
Bis(1-chloroethoxy)methane	91.1	10	ug/l	100		91.1	50-120			
Bis(2-chloroethyl)ether	85.6	10	ug/l	100		85.6	45-120			
Bis(2-chloroisopropyl)ether	89.6	10	ug/l	100		89.6	36-120			
Bis(1-ethylhexyl)phthalate	105	50	ug/l	100		105	65-140			
4-Bromophenyl phenyl ether	101	10	ug/l	100		101	55-120			
Butyl benzyl phthalate	99.8	20	ug/l	100		99.8	70-135			
4-Chloroaniline	86.3	10	ug/l	100		86.3	25-120			
2-Chloronaphthalene	88.6	10	ug/l	100		88.6	60-118			
4-Chloro-3-methylphenol	86.3	20	ug/l	100		86.3	55-120			
2-Chlorophenol	81.5	10	ug/l	100		81.5	45-120			
4-Chlorophenyl phenyl ether	87.2	10	ug/l	100		87.2	60-120			
Chrysene	92.9	10	ug/l	100		92.9	70-130			
Dibenz(a,h)anthracene	102	20	ug/l	100		102	50-130			
Dibenzofuran	86.8	10	ug/l	100		86.8	55-120			
Di-n-butyl phthalate	104	20	ug/l	100		104	60-118			
1,3-Dichlorobenzene	66.7	10	ug/l	100		66.7	30-120			

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical.

City of Simi Valley, Water Quality Control Plant Client Project ID: Semi-annual Monitoring
 2999 Tapo Canyon Road CSV Lab# 8711, W11
 Simi Valley, CA 93063 Report Number: IKB0179
 Attention: Barbara Santos

Sampled: 02/06/01
 Received: 02/06/01

METHOD BLANK/QC DATA

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC Limits	RPD RPD	RPD Limit	Data Qualifiers
Batch: I1B0732 Extracted: 02/07/01									
LCs Analyzed: 02/09/01 (I1B0732-BS1)									
1,4-Dichlorobenzene	67.1	10	ug/l	100		67.1 35-120			
1,2-Dichlorobenzene	71.1	10	ug/l	100		71.1 45-120			
3,3-Dichlorobenzidine	76.3	40	ug/l	100		76.3 35-145			
2,4-Dichlorophenol	85.2	10	ug/l	100		85.2 50-120			
Diethyl phthalate	95.8	10	ug/l	100		95.8 65-114			
2,4-Dimethylphenol	69.7	20	ug/l	100		69.7 32-119			
Dimethyl phthalate	95.9	10	ug/l	100		95.9 65-112			
4,6-Dinitro-2-methylphenol	95.0	40	ug/l	100		95.0 65-125			
2,4-Dinitrophenol	ND	100	ug/l	100		72.8 40-125			
2,4-Dinitrotoluene	87.3	10	ug/l	100		87.3 65-120			
2,6-Dinitrotoluene	93.0	10	ug/l	100		93.0 65-120			
Di-n-octyl phthalate	101	40	ug/l	100		101 55-146			
Fluoranthene	89.1	10	ug/l	100		89.1 70-120			
Fluorene	86.7	10	ug/l	100		86.7 59-120			
Heptachlorobenzene	101	10	ug/l	100		101 60-120			
Heptachlorobutadiene	76.7	10	ug/l	100		76.7 35-116			
Hexachlorocyclopentadiene	40.4	40	ug/l	100		40.4 10-120			
Hexachloroethane	62.4	10	ug/l	100		62.4 40-113			
Indeno(1,2,3-cd)pyrene	101	20	ug/l	100		101 40-135			
Isophorone	96.6	10	ug/l	100		96.6 50-120			
2-Methylnaphthalene	82.9	10	ug/l	100		82.9 55-120			
2-Methylphenol	83.9	10	ug/l	100		83.9 45-120			
4-Methylphenol	82.3	10	ug/l	100		82.3 45-120			
Naphthalene	83.3	10	ug/l	100		83.3 45-120			
2-Nitroaniline	90.1	20	ug/l	100		90.1 50-135			
3-Nitroaniline	83.0	20	ug/l	100		83.0 50-125			
4-Nitroaniline	ND	100	ug/l	100		75.5 55-140			
Nitrobenzene	91.0	40	ug/l	100		91.0 45-120			
2-Nitrophenol	86.2	10	ug/l	100		86.2 50-120			
4-Nitrophenol	ND	100	ug/l	100		82.0 50-132			
n-Nitrosodiphenylamine	103	10	ug/l	100		103 45-120			
n-Nitroso-di-n-propylamine	91.2	10	ug/l	100		91.2 45-125			
Pentachlorophenol	99.8	40	ug/l	100		99.8 50-130			
Phenanthrene	93.9	10	ug/l	100		93.9 65-120			
Phenol	78.2	10	ug/l	100		78.2 35-112			

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

City of Simi Valley, Water Quality Control Plant Client Project ID: Semi-annual Monitoring
 2999 Tapo Canyon Road CSV Lab# 8711, W11
 Simi Valley, CA 93063 Report Number: IKB0179
 Attention: Barbara Santos

Sampled: 02/06/01
 Received: 02/06/01

METHOD BLANK/QC DATA

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: I1B0732 Extracted: 02/07/01										
LC# Analyzed: 02/09/01 (I1B0732-BS1)										
Pyrene	91.4	10	ug/l	100		91.4	65-115			
1,2,4-Trichlorobenzene	79.3	10	ug/l	100		79.3	50-120			
2,4,6-Trichlorophenol	89.8	20	ug/l	100		89.8	55-120			
2,4,6-Trichlorophenol	91.0	20	ug/l	100		91.0	55-120			
Surrogate: 2-Fluorophenol	147		ug/l	200		73.5	30-110			
Surrogate: Phenol-d6	158		ug/l	200		79.0	40-110			
Surrogate: 2,4,6-Tribromophenol	186		ug/l	200		93.0	55-140			
Surrogate: Nitrobenzene-d5	86.8		ug/l	100		86.8	40-110			
Surrogate: 2-Fluorobiphenyl	88.6		ug/l	100		88.6	40-120			
Surrogate: Terphenyl-d14	91.0		ug/l	100		91.0	55-160			

Matrix Spike Analyzed: 02/10/01 (I1B0732-MS1)

Source: IKB0178-01

Acenaphthene	185	20	ug/l	200	ND	92.5	60-120			
Benzo(a)anthracene	192	20	ug/l	200	ND	96.0	70-125			
4-Chloro-3-methylphenol	168	40	ug/l	200	ND	84.0	55-120			
2-Chlorophenol	166	20	ug/l	200	ND	83.0	45-120			
Dibenz(a,h)anthracene	201	40	ug/l	200	ND	101	50-130			
1,4-Dichlorobenzene	131	20	ug/l	200	ND	65.5	35-120			
Diphenyl phthalate	193	20	ug/l	200	ND	96.5	60-114			
2,4-Dinitrotoluene	175	20	ug/l	200	ND	87.5	65-120			
Hexachlorobutadiene	152	20	ug/l	200	ND	76.0	40-116			
Naphthalene	168	20	ug/l	200	ND	84.0	40-120			
4-Nitrophenol	ND	200	ug/l	200	ND	75.5	40-130			
n-Nitroso-di-n-propylamine	184	20	ug/l	200	ND	92.0	50-120			
Pentachlorophenol	191	80	ug/l	200	ND	95.5	50-130			
Phenol	156	20	ug/l	200	ND	78.0	35-120			
Pyrene	184	20	ug/l	200	ND	92.0	50-115			
1,2,4-Trichlorobenzene	158	20	ug/l	200	ND	79.0	44-120			
Surrogate: 2-Fluorophenol	298		ug/l	400		74.5	30-110			
Surrogate: Phenol-d6	313		ug/l	400		78.3	40-110			
Surrogate: 2,4,6-Tribromophenol	376		ug/l	400		94.0	55-140			
Surrogate: Nitrobenzene-d5	174		ug/l	200		87.0	40-110			
Surrogate: 2-Fluorobiphenyl	184		ug/l	200		92.0	40-120			
Surrogate: Terphenyl-d14	182		ug/l	200		91.0	55-160			

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

City of Simi Valley, Water Quality Control Plant Client Project ID: Semi-annual Monitoring
 29 Tapo Canyon Road CSV Lab# 8711, W11
 Simi Valley, CA 93063 Report Number: IKB0179
 Attention: Barbara Santos

Sampled: 02/06/01
 Received: 02/06/01

METHOD BLANK/QC DATA

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limit	RPD	RPD Limit	Data Qualifiers
Batch: 11B0732 Extracted: 02/07/01										
Matrix Spike Dup Analyzed: 02/10/01 (11B0732-MSD1)					Source: IKB0178-01					
Acenaphthene	180	20	ug/l	200	ND	90.0	60-120	2.74	25	
Benzo(a)anthracene	188	20	ug/l	200	ND	94.0	70-125	2.11	20	
4-Chloro-3-methylphenol	171	40	ug/l	200	ND	85.5	55-120	1.77	25	
2-Chlorophenol	160	20	ug/l	200	ND	80.0	45-120	3.68	25	
Dibenz(a,h)anthracene	183	40	ug/l	200	ND	91.5	50-130	9.38	20	
1,2-Dichlorobenzene	134	20	ug/l	200	ND	67.0	35-120	2.26	25	
Diethyl phthalate	189	20	ug/l	200	ND	94.5	60-114	2.09	25	
2,4-Dinitrotoluene	182	20	ug/l	200	ND	91.0	65-120	3.92	20	
Hexachlorobutadiene	125	20	ug/l	200	ND	62.5	40-116	19.5	25	
Naphthalene	167	20	ug/l	200	ND	83.5	40-120	0.597	25	
4-Nitrophenol	ND	200	ug/l	200	ND	81.5	40-130	7.64	25	
n-Nitroso-di-n-propylamine	185	20	ug/l	200	ND	92.5	50-120	0.542	25	
Pentachlorophenol	198	80	ug/l	200	ND	99.0	50-130	3.60	25	
Phenol	153	20	ug/l	200	ND	76.5	35-120	1.94	25	
Pyrene	177	20	ug/l	200	ND	88.5	50-115	3.88	20	
1,2,4-Trichlorobenzene	151	20	ug/l	200	ND	75.5	44-120	4.53	25	
Surrogate: 2-Fluorophenol	287		ug/l	400		71.8	30-110			
Surrogate: Phenol-d6	311		ug/l	400		77.8	40-110			
Surrogate: 2,4,6-Tribromophenol	376		ug/l	400		94.0	55-140			
Surrogate: Nitrobenzene-d5	171		ug/l	200		85.5	40-110			
Surrogate: 2-Fluorobiphenyl	180		ug/l	200		90.0	40-120			
Surrogate: Terphenyl-d14	173		ug/l	200		86.5	55-160			

City of Simi Valley, Water Quality Control Plant Client Project ID: Semi-annual Monitoring
29 Tapo Canyon Road CSV Lab# 8711, W11
Simi Valley, CA 93063 Report Number: IKB0179
Attention: Barbara Santos Sampled: 02/06/01
Received: 02/06/01

DATA QUALIFIERS AND DEFINITIONS

- N** Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.
- NR** Not reported.
- R/D** Relative Percent Difference

City of Simi Valley, Water Quality Control Plant Client Project ID: Semi-annual Monitoring
 2229 Tapo Canyon Road CSV Lab# 8711, W11
 Simi Valley, CA 93063 Report Number: IKB0179
 Attention: Barbara Santos

Sampled: 02/06/01
 Received: 02/06/01

METHOD BLANK/QC DATA

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS (EPA 418.1)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limit	RPD	RPD Limit	Data Qualifiers
Batch: I1B1240 Extracted: 02/12/01										
Blank Analyzed: 02/12/01 (I1B1240-BLK1)										
Total Recoverable Hydrocarbons	ND	1.0	mg/l							
LOQ Analyzed: 02/12/01 (I1B1240-BS1)										
Total Recoverable Hydrocarbons	4.57	1.0	mg/l	5.00		91.4	80-120			
LOQ Dup Analyzed: 02/12/01 (I1B1240-BSD1)										
Total Recoverable Hydrocarbons	4.57	1.0	mg/l	5.00		91.4	80-120	0	15	

City of Simi Valley, Water Quality Control Plant
2929 Tapo Canyon Rd.
Simi Valley, CA 93063

Project:
Semi-Annual Test/Quarterly W11
Lab ID No.

PO# 44463

Project Manager:

Barbara Santos

Phone: 805/583-6446

FAX: 805/583-6402

Sampler:

507-N + P pesticides

508- CI pest. & PCBs

625

TRPH 418.1

Arsenic

MBAS *

Oil & Grease *

KB0179

Special Instructions

Sample Description	Sample Matrix	Sampling Date/Time	Container Type	# of Containers	Preservative															
W11 Comp.	AQ	Feb.6,2001	1L amber	2	none	X													1L extra	
W11 Comp.	AQ	1130	1L amber	2	none		X												1L extra	
W11 Comp.	AQ	↓	1L amber	2	none			X											1L extra	
W11 Comp.	AQ		1L amber	1	HCl				X											
W11 Comp.	AQ		500mL poly	1	HNO3					X										
W11 Comp.	AQ		500mL poly	1	none							X								* Quarterly testing
W11 Comp.	AQ		1L amber	1	HCl								X							

-36-

Relinquished By *Kan Bern* Date/Time: 2/4/01 - 1546

Received By *Carla Ruiz* Date/Time: 2/4/01 1546

Turnaround Time: (Check)
Same Day 72 Hours

Relinquished By *Carla Ruiz* Date/Time: 2/6/01 1850

Received By *Valley* Date/Time: 2-6-01 1850

24 Hours 5 Days
48 Hours Normal

Relinquished By _____ Date/Time: _____

Received By _____ Date/Time: _____

Sample Integrity:
Intact On Ice *52*



City of Simi Valley, Water Quality Control Plant 2899 Tapo Canyon Road Simi Valley, CA 93063 Attention: Barbara Santos	Client Project ID: Semi-annual Monitoring CSV Lab# 8710, W10 Report Number: IKB0180	Sampled: 02/06/01 Received: 02/06/01
---	---	---

METHOD BLANK/QC DATA

METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD RPD	RPD Limit	Data Qualifiers
Batch: I1B0831 Extracted: 02/08/01										
Blank Analyzed: 02/08/01 (I1B0831-BLK1)										
Arsenic	ND	0.0050	mg/l							
LC Analyzed: 02/08/01 (I1B0831-BS1)										
Arsenic	0.969	0.0050	mg/l	1.00		96.9	80-120			
Matrix Spike Analyzed: 02/08/01 (I1B0831-MS1)										
Arsenic	1.00	0.0050	mg/l	1.00	ND	100	75-125			
Matrix Spike Dup Analyzed: 02/08/01 (I1B0831-MSD1)										
Arsenic	1.04	0.0050	mg/l	1.00	ND	104	75-125	3.92	20	

City of Simi Valley, Water Quality Control Plant Client Project ID: Semi-annual Monitoring
 2999 Tapo Canyon Road CSV Lab# 8710, W10
 Simi Valley, CA 93063 Report Number: IKB0180
 Attention: Barbara Santos

Sampled: 02/06/01
 Received: 02/06/01

METHOD BLANK/QC DATA

INORGANICS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: I1B0730 Extracted: 02/07/01										
Blank Analyzed: 02/07/01 (I1B0730-BLK1)										
Surfactants (MBAS)	ND	0.10	mg/l							
LCS Analyzed: 02/07/01 (I1B0730-BS1)										
Surfactants (MBAS)	0.246	0.10	mg/l	0.250		98.4	90-110			
Matrix Spike Analyzed: 02/07/01 (I1B0730-MS1)										
Surfactants (MBAS)	0.309	0.10	mg/l	0.250	ND	95.6	50-125			
Matrix Spike Dup Analyzed: 02/07/01 (I1B0730-MSD1)										
Surfactants (MBAS)	0.329	0.10	mg/l	0.250	ND	104	50-125	6.27	20	
Batch: I1B0944 Extracted: 02/09/01										
Blank Analyzed: 02/09/01 (I1B0944-BLK1)										
Oil & Grease	ND	5.0	mg/l							
LCS Analyzed: 02/09/01 (I1B0944-BS1)										
Oil & Grease	18.7	5.0	mg/l	20.0		93.5	80-120			
LCS Dup Analyzed: 02/09/01 (I1B0944-BSD1)										
Oil & Grease	22.2	5.0	mg/l	20.0		111	80-120	17.1	20	

SUBCONTRACT ORDER

Del Mar Analytical, Irvine

IKB0180

SENDING LABORATORY:

Del Mar Analytical, Irvine
2852 Alton Parkway
Irvine, CA 92606
Phone: (949) 261-1022
Fax: (949) 261-1228
Project Manager: Rachel Parker

RECEIVING LABORATORY:

Montgomery Watson Lab - SUB
555 E. Walnut Street
Pasadena, CA 91101
Phone: (626) 568-6400
Fax: (626) 568-6315
0324

T=6°C
Reg Lee

44463 for 6/00-6/01. Use a SEPARATE WORK ORDER for each CSV sample/ID!!!! FAX work order after receipt & FAX COC with results

Analysis	Due	Expires	Laboratory ID	Comments
Sample ID: IKB0180-01	Water	Sampled: 02/06/01 10:35		4 Ambers
7-N+P Pesticides	02/15/01 12:00	02/20/01 10:35		To Mont. Watson;
508-Cl Pesticides	02/15/01 12:00	02/13/01 10:35		To Mont. Watson;
8A-PCBs	02/15/01 12:00	02/20/01 10:35		To Mont. Watson;

NP51-CA

74925

Released By: *[Signature]* Date: 2/8/01 9:30
 Received By: *[Signature]* Date: 2/8/01 9:30

Released By: *[Signature]* Date: 2/8/01 9:30
 Received By: *[Signature]* Suzanne Watson Date: 2/8/01 9:30

**MONTGOMERY WATSON LABORATORIES**

a Division of Montgomery Watson Americas, Inc.
 555 East Walnut Street
 Pasadena, California 91101
 Tel: 626 568 6400 Fax: 626 568 6324
 1 800 566 LABS (1 800 566 5227)

Laboratory
 QC Report
 #74975

Del Mar Analytical-Irvine

QC Ref #135423

Pesticides; N/P; Short list

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 21	02020008		(0.00 - 0.00)	
LCS1	Alachlor (Alanex)	2.50	2.35	94.0	(62.00 - 128.00)	
LCS2	Alachlor (Alanex)	2.50	2.45	98.0	(62.00 - 128.00)	4.2
MBLK	Alachlor (Alanex)	ND				
MS	Alachlor (Alanex)	2.50	2.25	90.0	(62.00 - 128.00)	
MSD	Alachlor (Alanex)	2.50	2.42	96.8	(62.00 - 128.00)	7.3
MBLK	Atrazine (Atrex)	ND				
LCS1	Atrazine	2.50	2.31	92.4	(62.00 - 122.00)	
LCS2	Atrazine	2.50	2.45	98.0	(62.00 - 122.00)	5.9
MS	Atrazine	2.50	2.21	88.4	(62.00 - 122.00)	
MSD	Atrazine	2.50	2.41	96.4	(62.00 - 122.00)	8.7
MBLK	Bromacil (Hyvar)	ND				
LCS1	Bromacil	25.0	21.8	87.2	(61.00 - 121.00)	
LCS2	Bromacil	25.0	22.7	90.8	(61.00 - 121.00)	4.0
MS	Bromacil	25.0	20.0	80.0	(61.00 - 121.00)	
MSD	Bromacil	25.0	21.8	87.2	(61.00 - 121.00)	8.6
LCS1	Cyanazine	2.50	2.36	94.4	(70.00 - 130.00)	
LCS2	Cyanazine	2.50	2.54	101.6	(70.00 - 130.00)	7.3
MBLK	Cyanazine	ND				
MS	Cyanazine	2.50	2.26	90.4	(70.00 - 130.00)	
MSD	Cyanazine	2.50	2.51	100.4	(70.00 - 130.00)	10
LCS1	Diazinon	2.50	2.39	95.6	(85.00 - 145.00)	
LCS2	Diazinon	2.50	2.57	102.8	(85.00 - 145.00)	7.3
MBLK	Diazinon	ND				
MS	Diazinon	2.50	2.17	86.8	(85.00 - 145.00)	
MSD	Diazinon	2.50	2.46	98.4	(85.00 - 145.00)	13
LCS1	Dimethoate (Cygon)	2.50	2.11	84.4	(70.00 - 130.00)	
LCS2	Dimethoate (Cygon)	2.50	2.20	88.0	(70.00 - 130.00)	4.2
MBLK	Dimethoate (Cygon)	ND				
MS	Dimethoate (Cygon)	2.50	2.01	80.4	(70.00 - 130.00)	
MSD	Dimethoate (Cygon)	2.50	2.25	90.0	(70.00 - 130.00)	11
MBLK	Molinate (Ordram)	ND				
LCS1	Molinate	2.50	2.26	90.4	(44.00 - 152.00)	

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
 Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates
 are advisory only, unless otherwise specified in the method.

**MONTGOMERY WATSON LABORATORIES**

a Division of Montgomery Watson Americas, Inc.
 555 East Walnut Street
 Pasadena, California 91101
 Tel: 626 568 6400 Fax: 626 568 8324
 1 800 566 LABS (1 800 566 5227)

Laboratory
 QC Report
 #74975

Del Mar Analytical-Irvine
 (continued)

LCS2	Molinate	2.50	2.43	97.2	(44.00 - 152.00)	7.2
MS	Molinate	2.50	2.18	87.2	(44.00 - 152.00)	
MSD	Molinate	2.50	2.38	95.2	(44.00 - 152.00)	8.8
LCS1	Prometryn (Caparol)	2.50	2.27	90.8	(63.00 - 123.00)	
LCS2	Prometryn (Caparol)	2.50	2.41	96.4	(63.00 - 123.00)	6.0
MS	Prometryn (Caparol)	2.50	2.16	86.4	(63.00 - 123.00)	
MSD	Prometryn (Caparol)	2.50	2.43	97.2	(63.00 - 123.00)	12
MBLK	Prometryn (Caparol)		ND			
LCS1	Simazine (Princep)	2.50	2.29	91.6	(70.00 - 130.00)	
LCS2	Simazine (Princep)	2.50	2.41	96.4	(70.00 - 130.00)	5.1
MBLK	Simazine (Princep)		ND			
MS	Simazine (Princep)	2.50	2.21	88.4	(70.00 - 130.00)	
MSD	Simazine (Princep)	2.50	2.43	97.2	(70.00 - 130.00)	9.5
LCS1	1,3-Dimethyl-2-nitrobenzene	100	88	88.0	(70.00 - 130.00)	
LCS2	1,3-Dimethyl-2-nitrobenzene	100	96	96.0	(70.00 - 130.00)	8.7
MBLK	1,3-Dimethyl-2-nitrobenzene	100	92	92.0		
MS	1,3-Dimethyl-2-nitrobenzene	100	96	96.0	(70.00 - 130.00)	
MSD	1,3-Dimethyl-2-nitrobenzene	100	102	102.0	(70.00 - 130.00)	6.1
LCS1	Thiobencarb (Bolero)	2.50	2.41	96.4	(70.00 - 130.00)	
LCS2	Thiobencarb (Bolero)	2.50	2.52	100.8	(70.00 - 130.00)	4.5
MBLK	Thiobencarb (Bolero)		ND			
MS	Thiobencarb (Bolero)	2.50	2.20	88.0	(70.00 - 130.00)	
MSD	Thiobencarb (Bolero)	2.50	2.64	105.6	(70.00 - 130.00)	18

QC Ref #136014

SDWA Pesticides

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MBLK	PCB 1016 Aroclor	ND				
MBLK	PCB 1221 Aroclor	ND				
MBLK	PCB 1232 Aroclor	ND				
LCS1	PCB 1242 Aroclor	0.500	0.502	100.4	(70.00 - 130.00)	
MBLK	PCB 1242 Aroclor	ND				
MS	PCB 1242 Aroclor	0.500	0.534	106.8	(70.00 - 130.00)	
MSD	PCB 1242 Aroclor	0.500	0.546	109.2	(70.00 - 130.00)	2.2
MBLK	PCB 1248 Aroclor	ND				

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
 Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates
 are advisory only, unless otherwise specified in the method.



MONTGOMERY WATSON LABORATORIES

a Division of Montgomery Watson Americas, Inc.
555 East Walnut Street
Pasadena, California 91101
Tel: 626 568 6400 Fax: 626 568 6324
1 800 568 LABS (1 800 566 5227)

Laboratory
QC Report
#74975

Del Mar Analytical-Irvine
(continued)

MBLK	PCB 1254 Aroclor	ND			
MBLK	PCB 1260 Aroclor	ND			
LCS1	Alpha-BHC	0.050	0.048	96.0	(62.00 - 122.00)
MBLK	Alpha-BHC	ND			
MS	Alpha-BHC	0.050	0.045	90.0	(71.00 - 126.00)
MSD	Alpha-BHC	0.050	0.052	104.0	(71.00 - 126.00) 14
MS	Spiked sample	Lab # 21	02080112		(0.00 - 0.00)
LCS1	Alachlor (Alanex)	0.100	0.088	88.0	(70.00 - 130.00)
MBLK	Alachlor (Alanex)	ND			
MS	Alachlor (Alanex)	0.100	0.085	85.0	(65.00 - 135.00)
MSD	Alachlor (Alanex)	0.100	0.091	91.0	(65.00 - 135.00) 6.8
LCS1	Aldrin	0.050	0.044	88.0	(56.00 - 116.00)
MBLK	Aldrin	ND			
MS	Aldrin	0.050	0.045	90.0	(62.00 - 117.00)
MSD	Aldrin	0.050	0.051	102.0	(62.00 - 117.00) 12
LCS1	Beta-BHC	0.050	0.052	104.0	(65.00 - 125.00)
MBLK	Beta-BHC	ND			
MS	Beta-BHC	0.050	0.049	98.0	(60.00 - 130.00)
MSD	Beta-BHC	0.050	0.054	108.0	(60.00 - 130.00) 9.7
MBLK	Chlordane	ND			
LCS1	Chlorthalonil (Draconil, Bravo)	0.100	0.090	90.0	(61.00 - 121.00)
MBLK	Chlorthalonil (Draconil, Bravo)	ND			
MS	Chlorthalonil (Draconil, Bravo)	0.100	0.086	86.0	(56.00 - 126.00)
MSD	Chlorthalonil (Draconil, Bravo)	0.100	0.094	94.0	(56.00 - 126.00) 8.9
LCS1	Delta-BHC	0.050	0.050	100.0	(72.00 - 131.00)
MBLK	Delta-BHC	ND			
MS	Delta-BHC	0.050	0.047	94.0	(67.00 - 137.00)
MSD	Delta-BHC	0.050	0.053	106.0	(67.00 - 137.00) 12
LCS1	p,p' DDD	0.100	0.100	100.0	(77.00 - 137.00)
MBLK	p,p' DDD	ND			
MS	p,p' DDD	0.100	0.093	93.0	(72.00 - 142.00)
MSD	p,p' DDD	0.100	0.107	107.0	(72.00 - 142.00) 14
LCS1	p,p' DDE	0.100	0.101	101.0	(69.00 - 129.00)
MBLK	p,p' DDE	ND			
MS	p,p' DDE	0.100	0.096	96.0	(73.00 - 131.00)
MSD	p,p' DDE	0.100	0.111	111.0	(73.00 - 131.00) 14

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates
are advisory only, unless otherwise specified in the method.



MONTGOMERY WATSON LABORATORIES

a Division of Montgomery Watson Americas, Inc.
555 East Walnut Street
Pasadena, California 91101
Tel: 626 568 6400 Fax: 626 568 6324
1 800 586 LABS (1 800 586 5227)

Laboratory
QC Report
#74975

Del Mar Analytical-Irvine
(continued)

LCS1	p,p' DDT	0.100	0.103	103.0	(82.00 - 142.00)
MBLK	p,p' DDT	ND			
MS	p,p' DDT	0.100	0.097	97.0	(77.00 - 147.00)
MSD	p,p' DDT	0.100	0.109	109.0	(77.00 - 147.00) 12
LCS1	Dieldrin	0.100	0.099	99.0	(57.00 - 117.00)
MBLK	Dieldrin	ND			
MS	Dieldrin	0.100	0.094	94.0	(52.00 - 122.00)
MSD	Dieldrin	0.100	0.106	106.0	(52.00 - 122.00) 12
LCS1	Endrin Aldehyde	0.100	0.065	65.0	(58.00 - 118.00)
MBLK	Endrin Aldehyde	ND			
MS	Endrin Aldehyde	0.100	0.061	61.0	(53.00 - 123.00)
MSD	Endrin Aldehyde	0.100	0.068	68.0	(53.00 - 123.00) 11
LCS1	Endrin	0.100	0.112	112.0	(58.00 - 118.00)
MBLK	Endrin	ND			
MS	Endrin	0.100	0.104	104.0	(53.00 - 123.00)
MSD	Endrin	0.100	0.115	115.0	(53.00 - 123.00) 10
LCS1	Endosulfan I (alpha)	0.050	0.037	74.0	(57.00 - 117.00)
MBLK	Endosulfan I (alpha)	ND			
MS	Endosulfan I (alpha)	0.050	0.043	86.0	(52.00 - 122.00)
MSD	Endosulfan I (alpha)	0.050	0.048	96.0	(52.00 - 122.00) 11
LCS1	Endosulfan II (beta)	0.100	0.096	96.0	(62.00 - 122.00)
MBLK	Endosulfan II (beta)	ND			
MS	Endosulfan II (beta)	0.100	0.091	91.0	(57.00 - 127.00)
MSD	Endosulfan II (beta)	0.100	0.105	105.0	(57.00 - 127.00) 14
LCS1	Endosulfan sulfate	0.100	0.102	102.0	(72.00 - 132.00)
MBLK	Endosulfan sulfate	ND			
MS	Endosulfan sulfate	0.100	0.097	97.0	(72.00 - 137.00)
MSD	Endosulfan sulfate	0.100	0.109	109.0	(72.00 - 137.00) 12
LCS1	Heptachlor	0.050	0.047	94.0	(68.00 - 128.00)
MBLK	Heptachlor	ND			
MS	Heptachlor	0.050	0.047	94.0	(68.00 - 129.00)
MSD	Heptachlor	0.050	0.052	104.0	(68.00 - 129.00) 10
LCS1	Heptachlor Epoxide	0.050	0.049	98.0	(57.00 - 117.00)
MBLK	Heptachlor Epoxide	ND			
MS	Heptachlor Epoxide	0.050	0.048	96.0	(52.00 - 122.00)
MSD	Heptachlor Epoxide	0.050	0.056	112.0	(52.00 - 122.00) 15

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates
are advisory only, unless otherwise specified in the method.



MONTGOMERY WATSON LABORATORIES

a Division of Montgomery Watson Americas, Inc.
555 East Walnut Street
Pasadena, California 91101
Tel: 626 568 6400 Fax: 626 588 6324
1 800 566 LABS (1 800 566 5227)

Laboratory
QC Report
#74975

Del Mar Analytical-Irvine
(continued)

LCS1	Lindane (gamma-BHC)	0.050	0.049	98.0	(59.00 - 119.00)
MBLK	Lindane (gamma-BHC)	ND			
MS	Lindane (gamma-BHC)	0.050	0.046	92.0	(54.00 - 124.00)
MSD	Lindane (gamma-BHC)	0.050	0.052	104.0	(54.00 - 124.00) 12
LCS1	Methoxychlor	0.500	0.548	109.6	(75.00 - 135.00)
MBLK	Methoxychlor	ND			
MS	Methoxychlor	0.500	0.514	102.8	(70.00 - 132.00)
MSD	Methoxychlor	0.500	0.578	115.6	(70.00 - 132.00) 12
LCS1	Tetrachlorometaxylene (surr)	100	89	89.0	(70.00 - 130.00)
MBLK	Tetrachlorometaxylene (surr)	100	84	84.0	
MS	Tetrachlorometaxylene (surr)	100	94	94.0	(70.00 - 130.00)
MSD	Tetrachlorometaxylene (surr)	100	109	109.0	(70.00 - 130.00) 15
LCS1	Dibutyl chlorendate (surr)	100	104	104.0	(70.00 - 130.00)
MBLK	Dibutyl chlorendate (surr)	100	112	112.0	
MS	Dibutyl chlorendate (surr)	100	100	100.0	(70.00 - 130.00)
MSD	Dibutyl chlorendate (surr)	100	112	112.0	(70.00 - 130.00) 11
MBLK	Toxaphene	ND			

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates
are advisory only, unless otherwise specified in the method.

City of Simi Valley, Water Quality Control Plant Client Project ID: Semi-annual Monitoring
 2229 Tapo Canyon Road CSV Lab# 8710, W10
 Simi Valley, CA 93063 Report Number: IKB0180
 Attention: Barbara Santos

Sampled: 02/06/01
 Received: 02/06/01

METHOD BLANK/QC DATA

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD RPD	RPD Limit	Data Qualifiers
Batch: I1B0732 Extracted: 02/07/01									
Blank Analyzed: 02/09/01 (I1B0732-BLK1)									
Acenaphthene	ND	10	ug/l						
Acenaphthylene	ND	10	ug/l						
Acetone	ND	10	ug/l						
Anthracene	ND	10	ug/l						
Azobenzene	ND	20	ug/l						
Benimidazole	ND	100	ug/l						
Benzoic acid	ND	100	ug/l						
Benzo(a)anthracene	ND	10	ug/l						
Benzo(b)fluoranthene	ND	10	ug/l						
Benzo(k)fluoranthene	ND	10	ug/l						
Benzo(g,h,i)perylene	ND	10	ug/l						
Benzo(a)pyrene	ND	10	ug/l						
Benzyl alcohol	ND	20	ug/l						
Bis(2-chloroethoxy)methane	ND	10	ug/l						
Bis(2-chloroethyl)ether	ND	10	ug/l						
Bis(2-chloroisopropyl)ether	ND	10	ug/l						
Bis(2-ethylhexyl)phthalate	ND	50	ug/l						
4-Bromophenyl phenyl ether	ND	10	ug/l						
Benzyl benzyl phthalate	ND	20	ug/l						
4-Chloroaniline	ND	10	ug/l						
2-Chloronaphthalene	ND	10	ug/l						
4-Chloro-3-methylphenol	ND	20	ug/l						
2-Chlorophenol	ND	10	ug/l						
4-Chlorophenyl phenyl ether	ND	10	ug/l						
Chrysene	ND	10	ug/l						
Dibenz(a,h)anthracene	ND	20	ug/l						
Dibenzofuran	ND	10	ug/l						
Di-n-butyl phthalate	ND	20	ug/l						
1,4-Dichlorobenzene	ND	10	ug/l						
1,3-Dichlorobenzene	ND	10	ug/l						
1,2-Dichlorobenzene	ND	10	ug/l						
3,4-Dichlorobenzidine	ND	40	ug/l						
2,4-Dichlorophenol	ND	10	ug/l						
Diethyl phthalate	ND	10	ug/l						
2,4-Dimethylphenol	ND	20	ug/l						

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

City of Simi Valley, Water Quality Control Plant Client Project ID: Semi-annual Monitoring
 2909 Tapo Canyon Road CSV Lab# 8710, W10
 Simi Valley, CA 93063 Report Number: IKB0180
 Attention: Barbara Santos

Sampled: 02/06/01
 Received: 02/06/01

METHOD BLANK/QC DATA

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	RPD Limits RPD	Data RPD	Qualifiers
Batch: I1B0732 Extracted: 02/07/01									
Blank Analyzed: 02/09/01 (I1B0732-BLK1)									
Dimethyl phthalate	ND	10	ug/l						
4,6-Dinitro-2-methylphenol	ND	40	ug/l						
2,4-Dinitrophenol	ND	100	ug/l						
2,4-Dinitrotoluene	ND	10	ug/l						
2,6-Dinitrotoluene	ND	10	ug/l						
Di-n-octyl phthalate	ND	40	ug/l						
Fluoranthene	ND	10	ug/l						
Fluorene	ND	10	ug/l						
Hexachlorobenzene	ND	10	ug/l						
Hexachlorobutadiene	ND	10	ug/l						
Hexachlorocyclopentadiene	ND	40	ug/l						
Hexachloroethane	ND	10	ug/l						
Indeno(1,2,3-cd)pyrene	ND	20	ug/l						
Isophorone	ND	10	ug/l						
2-Methylnaphthalene	ND	10	ug/l						
2-Methylphenol	ND	10	ug/l						
4-Methylphenol	ND	10	ug/l						
Naphthalene	ND	10	ug/l						
2-Nitroaniline	ND	20	ug/l						
3-Nitroaniline	ND	20	ug/l						
4-Nitroaniline	ND	100	ug/l						
Nitrobenzene	ND	40	ug/l						
2-Nitrophenol	ND	10	ug/l						
4-Nitrophenol	ND	100	ug/l						
n-Nitrosodiphenylamine	ND	10	ug/l						
n-Nitroso-di-n-propylamine	ND	10	ug/l						
Pentachlorophenol	ND	40	ug/l						
Phenanthrene	ND	10	ug/l						
Phenol	ND	10	ug/l						
Pyrene	ND	10	ug/l						
1,2,4-Trichlorobenzene	ND	10	ug/l						
2,4,6-Trichlorophenol	ND	20	ug/l						
2,4,6-Trichlorophenol	ND	20	ug/l						
Surrogate: 2-Fluorophenol	154		ug/l	200		77.0	30-110		
Surrogate: Phenol-d6	170		ug/l	200		85.0	40-110		

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

City of Simi Valley, Water Quality Control Plant Client Project ID: Semi-annual Monitoring
 219 Tapo Canyon Road CSV Lab# 8710, W10
 Simi Valley, CA 93063 Report Number: IKB0180
 Attention: Barbara Santos

Sampled: 02/06/01
 Received: 02/06/01

METHOD BLANK/QC DATA

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD RPD	RPD Limit	Data Qualifiers
Batch: I1B0732 Extracted: 02/07/01										
Blank Analyzed: 02/09/01 (I1B0732-BLK1)										
Surrogate: 2,4,6-Tribromophenol	183		ug/l	200		91.5	55-140			
Surrogate: Nitrobenzene-d5	88.2		ug/l	100		88.2	40-110			
Surrogate: 2-Fluorobiphenyl	93.2		ug/l	100		93.2	40-120			
Surrogate: Terphenyl-d14	82.7		ug/l	100		82.7	55-160			
LC Analyzed: 02/09/01 (I1B0732-BS1)										
Acenaphthene	90.3	10	ug/l	100		90.3	55-120			
Acenaphthylene	76.5	10	ug/l	100		76.5	55-120			
Aniline	82.7	10	ug/l	100		82.7	30-120			
Anthracene	93.8	10	ug/l	100		93.8	65-120			
Azobenzene	89.9	20	ug/l	100		89.9	50-125			
Benazidine	ND	100	ug/l	100		84.0	10-200			
Benzoic acid	ND	100	ug/l	100		44.0	25-120			
Benzo(a)anthracene	92.9	10	ug/l	100		92.9	70-125			
Benzo(b)fluoranthene	91.9	10	ug/l	100		91.9	65-125			
Benzo(k)fluoranthene	91.5	10	ug/l	100		91.5	65-135			
Benzo(g,h,i)perylene	104	10	ug/l	100		104	25-150			
Benzo(a)pyrene	92.0	10	ug/l	100		92.0	70-125			
Benzyl alcohol	87.7	20	ug/l	100		87.7	45-120			
Bis(2-chloroethoxy)methane	91.1	10	ug/l	100		91.1	50-120			
Bis(2-chloroethyl)ether	85.6	10	ug/l	100		85.6	45-120			
Bis(2-chloroisopropyl)ether	89.6	10	ug/l	100		89.6	36-120			
Bis(2-ethylhexyl)phthalate	105	50	ug/l	100		105	65-140			
4-Bromophenyl phenyl ether	101	10	ug/l	100		101	55-120			
Butyl benzyl phthalate	99.8	20	ug/l	100		99.8	70-135			
4-Chloroaniline	86.3	10	ug/l	100		86.3	25-120			
2-Chloronaphthalene	88.6	10	ug/l	100		88.6	60-118			
4-Chloro-3-methylphenol	86.3	20	ug/l	100		86.3	55-120			
2-Chlorophenol	81.5	10	ug/l	100		81.5	45-120			
4-Chlorophenyl phenyl ether	87.2	10	ug/l	100		87.2	60-120			
Chrysene	92.9	10	ug/l	100		92.9	70-130			
Dibenz(a,h)anthracene	102	20	ug/l	100		102	50-130			
Dibenzofuran	86.8	10	ug/l	100		86.8	55-120			
Di-n-butyl phthalate	104	20	ug/l	100		104	60-118			
1,3-Dichlorobenzene	66.7	10	ug/l	100		66.7	30-120			

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

City of Simi Valley, Water Quality Control Plant Client Project ID: Semi-annual Monitoring
 229 Tapo Canyon Road CSV Lab# 8710, W10
 Simi Valley, CA 93063 Report Number: IKB0180
 Attention: Barbara Santos

Sampled: 02/06/01
 Received: 02/06/01

METHOD BLANK/QC DATA

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD RPD	RPD Limit	Data Qualifiers
Batch: I1B0732 Extracted: 02/07/01										
LES Analyzed: 02/09/01 (I1B0732-BS1)										
1,4-Dichlorobenzene	67.1	10	ug/l	100	67.1	35-120				
1,2-Dichlorobenzene	71.1	10	ug/l	100	71.1	45-120				
3,4-Dichlorobenzidine	76.3	40	ug/l	100	76.3	35-145				
2,4-Dichlorophenol	85.2	10	ug/l	100	85.2	50-120				
Diethyl phthalate	95.8	10	ug/l	100	95.8	65-114				
2,6-Dimethylphenol	69.7	20	ug/l	100	69.7	32-119				
Dimethyl phthalate	95.9	10	ug/l	100	95.9	65-112				
4,6-Dinitro-2-methylphenol	95.0	40	ug/l	100	95.0	65-125				
2,4-Dinitrophenol	ND	100	ug/l	100	72.8	40-125				
2,6-Dinitrotoluene	87.3	10	ug/l	100	87.3	65-120				
2,4-Dinitrotoluene	93.0	10	ug/l	100	93.0	65-120				
Di-n-octyl phthalate	101	40	ug/l	100	101	55-146				
Fluoranthene	89.1	10	ug/l	100	89.1	70-120				
Fluorene	86.7	10	ug/l	100	86.7	59-120				
Hexachlorobenzene	101	10	ug/l	100	101	60-120				
Hexachlorobutadiene	76.7	10	ug/l	100	76.7	35-116				
Hexachlorocyclopentadiene	40.4	40	ug/l	100	40.4	10-120				
Hexachloroethane	62.4	10	ug/l	100	62.4	40-113				
Indeno(1,2,3-cd)pyrene	101	20	ug/l	100	101	40-135				
Isophorone	96.6	10	ug/l	100	96.6	50-120				
2-Methylnaphthalene	82.9	10	ug/l	100	82.9	55-120				
2-Methylphenol	83.9	10	ug/l	100	83.9	45-120				
4-Methylphenol	82.3	10	ug/l	100	82.3	45-120				
Naphthalene	83.3	10	ug/l	100	83.3	45-120				
2-Nitroaniline	90.1	20	ug/l	100	90.1	50-135				
3-Nitroaniline	83.0	20	ug/l	100	83.0	50-125				
4-Nitroaniline	ND	100	ug/l	100	75.5	55-140				
Nitrobenzene	91.0	40	ug/l	100	91.0	45-120				
2-Nitrophenol	86.2	10	ug/l	100	86.2	50-120				
4-Nitrophenol	ND	100	ug/l	100	82.0	50-132				
n-Nitrosodiphenylamine	103	10	ug/l	100	103	45-120				
n-Nitroso-di-n-propylamine	91.2	10	ug/l	100	91.2	45-125				
Pentachlorophenol	99.8	40	ug/l	100	99.8	50-130				
Phenanthrene	93.9	10	ug/l	100	93.9	65-120				
Phenol	78.2	10	ug/l	100	78.2	35-112				

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

City of Simi Valley, Water Quality Control Plant Client Project ID: Semi-annual Monitoring
 2999 Tapo Canyon Road CSV Lab# 8710, W10
 Simi Valley, CA 93063 Report Number: IKB0180
 Attention: Barbara Santos

Sampled: 02/06/01
 Received: 02/06/01

METHOD BLANK/QC DATA

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD RPD	RPD Limit	Data Qualifiers
---------	--------	-----------------	-------	-------------	---------------	-----------	-------------	---------	-----------	-----------------

Batch: I1B0732 Extracted: 02/07/01

LCS Analyzed: 02/09/01 (I1B0732-BS1)

Pyrene	91.4	10	ug/l	100		91.4	65-115			
1,2,4-Trichlorobenzene	79.3	10	ug/l	100		79.3	50-120			
2,4,6-Trichlorophenol	89.8	20	ug/l	100		89.8	55-120			
2,4,6-Trichlorophenol	91.0	20	ug/l	100		91.0	55-120			
Surrogate: 2-Fluorophenol	147		ug/l	200		73.5	30-110			
Surrogate: Phenol-d6	158		ug/l	200		79.0	40-110			
Surrogate: 2,4,6-Tribromophenol	186		ug/l	200		93.0	55-140			
Surrogate: Nitrobenzene-d5	86.8		ug/l	100		86.8	40-110			
Surrogate: 2-Fluorobiphenyl	88.6		ug/l	100		88.6	40-120			
Surrogate: Terphenyl-d14	91.0		ug/l	100		91.0	55-160			

Matrix Spike Analyzed: 02/10/01 (I1B0732-MS1)

Source: IKB0178-01

Acenaphthene	185	20	ug/l	200	ND	92.5	60-120			
Benzo(a)anthracene	192	20	ug/l	200	ND	96.0	70-125			
4-Chloro-3-methylphenol	168	40	ug/l	200	ND	84.0	55-120			
2-Chlorophenol	166	20	ug/l	200	ND	83.0	45-120			
Dibenz(a,h)anthracene	201	40	ug/l	200	ND	101	50-130			
1,4-Dichlorobenzene	131	20	ug/l	200	ND	65.5	35-120			
Dibutyl phthalate	193	20	ug/l	200	ND	96.5	60-114			
2,4-Dinitrotoluene	175	20	ug/l	200	ND	87.5	65-120			
Hexachlorobutadiene	152	20	ug/l	200	ND	76.0	40-116			
Naphthalene	168	20	ug/l	200	ND	84.0	40-120			
4-Nitrophenol	ND	200	ug/l	200	ND	75.5	40-130			
n-Nitroso-di-n-propylamine	184	20	ug/l	200	ND	92.0	50-120			
Pentachlorophenol	191	80	ug/l	200	ND	95.5	50-130			
Phenol	156	20	ug/l	200	ND	78.0	35-120			
Pyrene	184	20	ug/l	200	ND	92.0	50-115			
1,2,4-Trichlorobenzene	158	20	ug/l	200	ND	79.0	44-120			
Surrogate: 2-Fluorophenol	298		ug/l	400		74.5	30-110			
Surrogate: Phenol-d6	313		ug/l	400		78.3	40-110			
Surrogate: 2,4,6-Tribromophenol	376		ug/l	400		94.0	55-140			
Surrogate: Nitrobenzene-d5	174		ug/l	200		87.0	40-110			
Surrogate: 2-Fluorobiphenyl	184		ug/l	200		92.0	40-120			
Surrogate: Terphenyl-d14	182		ug/l	200		91.0	55-160			

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

City of Simi Valley, Water Quality Control Plant Client Project ID: Semi-annual Monitoring
 2909 Tapo Canyon Road CSV Lab# 8710, W10
 Simi Valley, CA 93063 Report Number: IKB0180
 Attention: Barbara Santos Sampled: 02/06/01
 Received: 02/06/01

METHOD BLANK/QC DATA

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limit	RPD	RPD	Data Limit	Qualifiers
Batch: I1B0732 Extracted: 02/07/01											
Matrix Spike Dup Analyzed: 02/10/01 (I1B0732-MSD1)						Source: IKB0178-01					
Acenaphthene	180	20	ug/l	200	ND	90.0	60-120	2.74	25		
Benzo(a)anthracene	188	20	ug/l	200	ND	94.0	70-125	2.11	20		
4-Chloro-3-methylphenol	171	40	ug/l	200	ND	85.5	55-120	1.77	25		
2-Chlorophenol	160	20	ug/l	200	ND	80.0	45-120	3.68	25		
Dibenz(a,h)anthracene	183	40	ug/l	200	ND	91.5	50-130	9.38	20		
1,4-Dichlorobenzene	134	20	ug/l	200	ND	67.0	35-120	2.26	25		
Diethyl phthalate	189	20	ug/l	200	ND	94.5	60-114	2.09	25		
2,4-Dinitrotoluene	182	20	ug/l	200	ND	91.0	65-120	3.92	20		
Hexachlorobutadiene	125	20	ug/l	200	ND	62.5	40-116	19.5	25		
Naphthalene	167	20	ug/l	200	ND	83.5	40-120	0.597	25		
4-Nitrophenol	ND	200	ug/l	200	ND	81.5	40-130	7.64	25		
n-Nitroso-di-n-propylamine	185	20	ug/l	200	ND	92.5	50-120	0.542	25		
Pentachlorophenol	198	80	ug/l	200	ND	99.0	50-130	3.60	25		
Phenol	153	20	ug/l	200	ND	76.5	35-120	1.94	25		
Pyrene	177	20	ug/l	200	ND	88.5	50-115	3.88	20		
1,2-Trichlorobenzene	151	20	ug/l	200	ND	75.5	44-120	4.53	25		
Surrogate: 2-Fluorophenol	287		ug/l	400		71.8	30-110				
Surrogate: Phenol-d6	311		ug/l	400		77.8	40-110				
Surrogate: 2,4,6-Tribromophenol	376		ug/l	400		94.0	55-140				
Surrogate: Nitrobenzene-d5	171		ug/l	200		85.5	40-110				
Surrogate: 2-Fluorobiphenyl	180		ug/l	200		90.0	40-120				
Surrogate: Terphenyl-d14	173		ug/l	200		86.5	55-160				

City of Simi Valley, Water Quality Control Plant Client Project ID: Semi-annual Monitoring
2729 Tapo Canyon Road CSV Lab# 8710, W10 Sampled: 02/06/01
Simi Valley, CA 93063 Report Number: IKB0180 Received: 02/06/01
Attention: Barbara Santos

DATA QUALIFIERS AND DEFINITIONS

- R-4** Reporting limit raised due to insufficient sample volume.
- ND** Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.
- NR** Not reported.
- RPD** Relative Percent Difference

City of Simi Valley, Water Quality Control Plant 229 Tapo Canyon Road Simi Valley, CA 93063 Attention: Barbara Santos	Client Project ID: Semi-annual Monitoring CSV Lab# 8710, W10 Report Number: IKB0180	Sampled: 02/06/01 Received: 02/06/01
--	---	---

METHOD BLANK/QC DATA

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS (EPA 418.1)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limit	RPD RPD	Limit	Data Qualifiers
Batch: I1B1240 Extracted: 02/12/01										
Blank Analyzed: 02/12/01 (I1B1240-BLK1)										
Total Recoverable Hydrocarbons	ND	1.0	mg/l							
Loss Analyzed: 02/12/01 (I1B1240-BS1)										
Total Recoverable Hydrocarbons	4.57	1.0	mg/l	5.00		91.4	80-120			
Loss Dup Analyzed: 02/12/01 (I1B1240-BSD1)										
Total Recoverable Hydrocarbons	4.57	1.0	mg/l	5.00		91.4	80-120	0	15	

City of Simi Valley, Water Quality Control Plant
 2929 Tapo Canyon Rd.
 Simi Valley, CA 93063

Project Manager:
 Barbara Santos

Sampler:

Project:
 Semi-Annual Test/Quarterly W10
Lab ID No. 3710
PO# 44463

Phone: 805/583-6446
FAX: 805/583-6402

507-N + P pesticides	508- CI post. & PCBs	625	TRPH 418.1	Arsenic	MBAS *	Oil & Grease *
----------------------	----------------------	-----	------------	---------	--------	----------------

JRBO180

Special Instructions

Sample Description	Sample Matrix	Sampling Date/Time	Container Type	# of Containers	Preservative	507-N + P pesticides	508- CI post. & PCBs	625	TRPH 418.1	Arsenic	MBAS *	Oil & Grease *	
W10 Comp	AQ	Feb 6, 2001	1L amber	2	none	X							
W10 Comp	AQ	<i>1035</i>	1L amber	2	none		X						
W10 Comp	AQ	↓	1L amber	2	none			X					
W10 Comp	AQ		1L amber	1	HCl			X					
W10 Comp	AQ		500mL poly	1	HNO3				X				
W10 Comp	AQ		500mL poly	1	none					X			
W10 Comp	AQ		1L amber	1	HCl						X		

* Quarterly testing

-53-

Relinquished By <i>Kay Regan</i>	Date/Time 2/6/01 1547	Received By <i>Jose Rojas</i>	Date/Time 2/6/01 1547	Turnaround Time: (Check) Same Day <input type="checkbox"/> 72 Hours <input type="checkbox"/> 24 Hours <input type="checkbox"/> 5 Days <input type="checkbox"/> 48 Hours <input type="checkbox"/> Normal <input type="checkbox"/>
Relinquished By <i>Jose Rojas</i>	Date/Time 2/6/01 1850	Received By <i>Al White</i>	Date/Time 2-6-01 1850	
Relinquished By <i>[Signature]</i>	Date/Time 2/6/01 1850	Received By <i>[Signature]</i>	Date/Time 2/6/01 1850	

Sample Integrity:
 Intact On Ice 5°C

RECEIVING WATER CONSTITUENTS FOR 2001

Semi-Annual Testing for
Arsenic, Cadmium, Chromium, Copper, Nickel, Lead,
Oil & Grease, Surfactants MBAS,
Chlorinated Pesticides, N and P Pesticides, BNA,
Total Petroleum Hydrocarbon

Date: August 13, 2001

Constituents	*D.L. mg/L	W-12 mg/L	W-11 mg/L	W-10 mg/L
Arsenic	0.005	ND	ND	ND
Cadmium	0.005	ND	ND	ND
Chromium	0.005	ND	ND	ND
Copper	0.01	ND	ND	ND
Nickel	0.01	ND	ND	ND
Lead	0.005	ND	ND	ND
Zinc	0.02	ND	0.024	ND
Oil & Grease	5.0	ND	ND	ND
Surfactants	0.1	0.12	0.14	0.19
Chlorinated Pesticides		See Attachment 1	See Attachment 2	See Attachment 3
N & P Pesticides		See Attachment 1	See Attachment 2	See Attachment 3
BNA		See Attachment 1	See Attachment 2	See Attachment 3
Total Petroleum Hydrocarbon		See Attachment 1	See Attachment 2	See Attachment 3

*Detection Limit

**ATTACHMENT 1
RECEIVING WATER RESULTS
W - 12**



Del Mar Analytical

2852 Alton Ave., Irvine, CA 92606 (949) 261-1022 FAX (949) 261-1228
 1014 E. Coldby Dr., Suite A, Colton, CA 92324 (909) 370-4667 FAX (909) 370-1046
 7277 Hayvenhurst, Suite B-12, Van Nuys, CA 91406 (818) 779-1844 FAX (818) 779-1843
 9484 Chesapeake Dr., Suite 805, San Diego, CA 92123 (858) 505-8596 FAX (858) 505-9589
 9830 South 51st St., Suite B-120, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0851

September 27, 2001

City of Simi Valley, Water Quality Control Plant
 2929 Tapo Canyon Road
 Simi Valley, CA 93063

Attention: Barbara Santos
 Project: Semi-annual Monitoring, Sampled: 8/07/01
 SV Lab# 9083, W12
 Del Mar Analytical Number: IKH0275

Dear Ms. Santos:

Please find enclosed the final report for the referenced project. The Nitrogen- and Phosphorus- Containing Pesticides analysis by EPA Method 507, Chlorinated Pesticides analysis by EPA Method 508, and PCBs by EPA Methods 508(A) were subcontracted to Weck Laboratories, Inc. The cross-reference identification is as follows:

City of Simi Valley ID	Del Mar – Irvine ID	Weck Laboratories ID
W12 Comp. # 9083	IKH0275-01	A105539-001

Attached is the original report from Weck Laboratories, Inc. If you have any questions or require further assistance, please do not hesitate to contact me.

Sincerely yours,

DEL MAR ANALYTICAL

Rachel Parker
 Project Manager



City of Simi Valley, Water Quality Control Plant Project ID: Semi-annual Monitoring
 2929 Tapo Canyon Road SV Lab# 9083, W12
 Simi Valley, CA 93063 Report Number: IKH0275
 Attention: Barbara Santos

Sampled: 08/07/01
 Received: 08/08/01

METALS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
			mg/l	mg/l				
Sample ID: IKH0275-01 (W12 Comp., #9083 - Water)								
Arsenic	EPA 200.7	I1H1323	0.0050	ND	1	8/13/01	8/13/01	
Cadmium	EPA 200.7	I1H1323	0.0050	ND	1	8/13/01	8/13/01	
Chromium	EPA 200.7	I1H1323	0.0050	ND	1	8/13/01	8/13/01	
Copper	EPA 200.7	I1H1323	0.010	ND	1	8/13/01	8/13/01	
Lead	EPA 200.7	I1H1323	0.0050	ND	1	8/13/01	8/13/01	
Nickel	EPA 200.7	I1H1323	0.010	ND	1	8/13/01	8/13/01	
Zinc	EPA 200.7	I1H1323	0.020	ND	1	8/13/01	8/13/01	

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager



Del Mar Analytical

2852 Alton Ave., Irvine, CA 92606 (949) 261-1022 FAX (949) 261-1228
 1014 E. Coldby Dr., Suite A, Colton, CA 92324 (909) 370-4667 FAX (909) 370-1046
 7277 Hayvenhurst, Suite B-12, Van Nuys, CA 91406 (818) 779-1844 FAX (818) 779-1843
 9484 Chesapeake Dr., Suite 805, San Diego, CA 92123 (858) 505-8596 FAX (858) 505-9589
 9830 South 51st St., Suite B-120, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0851

City of Simi Valley, Water Quality Control Plant Project ID: Semi-annual Monitoring
 2929 Tapo Canyon Road SV Lab# 9083, W12
 Simi Valley, CA 93063 Report Number: IKH0275
 Attention: Barbara Santos

Sampled: 08/07/01
 Received: 08/08/01

INORGANICS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IKH0275-01 (W12 Comp., #9083 - Water)								
Oil & Grease	EPA 413.1	11H1034	5.0	ND	1	8/10/01	8/10/01	
Surfactants (MBAS)	SM5540-C	11H0862	0.10	0.12	1	8/8/01	8/8/01	

mg/l mg/l

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager



Report Date: Monday, September 24, 2001

Received Date: Friday, August 10, 2001

Log By: mr

Log Time: 11:00

Client: Del Mar Analytical
2852 Alton Parkway
Irvine, CA 92606

Phone: (949) 261-1022

FAX: (949) 261-1228

Attn.: Rachel Parker

Project: IKH0275

P.O. #: IKH0275

Turnaround Time: Normal

CERTIFICATE OF ANALYSIS

Lab#: A105539-001

Sample ID: IKH0275

Matrix: Water

Sampled By: Client

Date: 8/7/01

Time: 17:00

Table with columns: Parameter, Result, Flag, Units, Dilution Factor, RL, Method, Analyzed, Worksheet #. Contains two sections of data for EPA 507 and EPA 508 pesticides.

Lab#: A105539



Client: Del Mar Analytical

Report Date: Monday, September 24, 2001

Project Name: IKH0275

CERTIFICATE OF ANALYSIS

Lab#: A105539-001

Sample ID: IKH0275

Matrix: Water

Sampled By: Client

Date: 8/7/01

Time: 17:00

Parameter	Result	Flag	Units	Dilution Factor	RL	Method	Analyzed	Worksheet #
Chlorothalonil	ND		ug/L	1	5.0	EPA 508	8/16/01 tp	WS26885
Hexachlorobenzene	ND		ug/L	1	0.50	EPA 508	8/16/01 tp	WS26885
Hexachlorocyclopentadiene	ND		ug/L	1	1.0	EPA 508	8/16/01 tp	WS26885
Propachlor	ND		ug/L	1	0.50	EPA 508	8/16/01 tp	WS26885
Trifluralin	ND		ug/L	1	0.010	EPA 508	8/16/01 tp	WS26885
Chlordane	ND		ug/L	1	0.10	EPA 508	8/16/01 tp	WS26885
Toxaphene	ND		ug/L	1	1.0	EPA 508	8/16/01 tp	WS26885
Aroclor-1016	ND		ug/L	1	0.10	EPA 508	8/16/01 tp	WS26885
Aroclor-1221	ND		ug/L	1	0.10	EPA 508	8/16/01 tp	WS26885
Aroclor-1232	ND		ug/L	1	0.10	EPA 508	8/16/01 tp	WS26885
Aroclor-1242	ND		ug/L	1	0.10	EPA 508	8/16/01 tp	WS26885
Aroclor-1248	ND		ug/L	1	0.10	EPA 508	8/16/01 tp	WS26885
Aroclor-1254	ND		ug/L	1	0.10	EPA 508	8/16/01 tp	WS26885
Aroclor-1260	ND		ug/L	1	0.10	EPA 508	8/16/01 tp	WS26885
Prep.	EPA 508A	Date: 8/10/01	By hp ew					
Decachlorobiphenyl	ND		ug/L	1	0.50	EPA 508A	8/16/01 tp	WS27729

[Signature]
Authorized Signature

ELAP # 1132
LACSD # 10143

Flags for Data Qualifiers:

- β = Compound detected in the blank. Sample result equal or less than 10 times the concentration in the blank.
- J = Estimated value, detected but below the reporting limit.
- H = Estimated value, result over the calibration range
- R = Result is suspect, LCS recovery greater than the upper control limit.
- L = Result is suspect, LCS recovery lower than the control limit.
- Q = QC result out of acceptance limits.
- T = Trace detection, detected but below the reporting limit.

Notes:

- The Chain of Custody document is part of the analytical report.
- Any remaining sample(s) for testing will be disposed of one month from the final report date unless other arrangements are made in advance.
- All results are expressed on wet weight basis unless specified.
- RL = Reporting Limit.
- ND = Not detected, below the reporting limit.
- Sub = Subcontracted analysis, original report enclosed.

Lab#: A105539



City of Simi Valley, Water Quality Control Plant Project ID: Semi-annual Monitoring
 2929 Tapo Canyon Road SV Lab# 9083, W12
 Simi Valley, CA 93063 Report Number: IKH0275
 Attention: Barbara Santos

Sampled: 08/07/01
 Received: 08/08/01

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Method	Batch	Reporting	Sample	Dilution	Date	Date	Data
			Limit	Result					Factor	Extracted	Analyzed	Qualifiers
			ug/l	ug/l				
Sample ID: IKH0275-01 (W12 Comp., #9083 - Water)								
Acenaphthene	EPA 625	I1H1334	10	ND	0.9	8/13/01	8/15/01	
Acenaphthylene	EPA 625	I1H1334	10	ND	0.9	8/13/01	8/15/01	
Aniline	EPA 625	I1H1334	10	ND	0.9	8/13/01	8/15/01	
Anthracene	EPA 625	I1H1334	10	ND	0.9	8/13/01	8/15/01	
Azobenzene	EPA 625	I1H1334	20	ND	0.9	8/13/01	8/15/01	
Benzidine	EPA 625	I1H1334	100	ND	0.9	8/13/01	8/15/01	L2
Benzoic acid	EPA 625	I1H1334	100	ND	0.9	8/13/01	8/15/01	
Benzo(a)anthracene	EPA 625	I1H1334	10	ND	0.9	8/13/01	8/15/01	
Benzo(b)fluoranthene	EPA 625	I1H1334	10	ND	0.9	8/13/01	8/15/01	
Benzo(k)fluoranthene	EPA 625	I1H1334	10	ND	0.9	8/13/01	8/15/01	
Benzo(g,h,i)perylene	EPA 625	I1H1334	10	ND	0.9	8/13/01	8/15/01	
Benzo(a)pyrene	EPA 625	I1H1334	10	ND	0.9	8/13/01	8/15/01	
Benzyl alcohol	EPA 625	I1H1334	20	ND	0.9	8/13/01	8/15/01	
Bis(2-chloroethoxy)methane	EPA 625	I1H1334	10	ND	0.9	8/13/01	8/15/01	
Bis(2-chloroethyl)ether	EPA 625	I1H1334	10	ND	0.9	8/13/01	8/15/01	
Bis(2-chloroisopropyl)ether	EPA 625	I1H1334	10	ND	0.9	8/13/01	8/15/01	
Bis(2-ethylhexyl)phthalate	EPA 625	I1H1334	100	ND	0.9	8/13/01	8/15/01	
4-Bromophenyl phenyl ether	EPA 625	I1H1334	10	ND	0.9	8/13/01	8/15/01	
Butyl benzyl phthalate	EPA 625	I1H1334	20	ND	0.9	8/13/01	8/15/01	
4-Chloroaniline	EPA 625	I1H1334	10	ND	0.9	8/13/01	8/15/01	
2-Chloronaphthalene	EPA 625	I1H1334	10	ND	0.9	8/13/01	8/15/01	
4-Chloro-3-methylphenol	EPA 625	I1H1334	20	ND	0.9	8/13/01	8/15/01	
2-Chlorophenol	EPA 625	I1H1334	10	ND	0.9	8/13/01	8/15/01	
4-Chlorophenyl phenyl ether	EPA 625	I1H1334	10	ND	0.9	8/13/01	8/15/01	
Chrysene	EPA 625	I1H1334	10	ND	0.9	8/13/01	8/15/01	
Dibenz(a,h)anthracene	EPA 625	I1H1334	20	ND	0.9	8/13/01	8/15/01	
Dibenzofuran	EPA 625	I1H1334	10	ND	0.9	8/13/01	8/15/01	
Di-n-butyl phthalate	EPA 625	I1H1334	20	ND	0.9	8/13/01	8/15/01	
1,3-Dichlorobenzene	EPA 625	I1H1334	10	ND	0.9	8/13/01	8/15/01	
1,4-Dichlorobenzene	EPA 625	I1H1334	10	ND	0.9	8/13/01	8/15/01	
1,2-Dichlorobenzene	EPA 625	I1H1334	10	ND	0.9	8/13/01	8/15/01	
3,3-Dichlorobenzidine	EPA 625	I1H1334	40	ND	0.9	8/13/01	8/15/01	
2,4-Dichlorophenol	EPA 625	I1H1334	10	ND	0.9	8/13/01	8/15/01	
Diethyl phthalate	EPA 625	I1H1334	10	ND	0.9	8/13/01	8/15/01	
2,4-Dimethylphenol	EPA 625	I1H1334	20	ND	0.9	8/13/01	8/15/01	
Dimethyl phthalate	EPA 625	I1H1334	10	ND	0.9	8/13/01	8/15/01	
2,6-Dinitro-2-methylphenol	EPA 625	I1H1334	40	ND	0.9	8/13/01	8/15/01	
2,4-Dinitrophenol	EPA 625	I1H1334	100	ND	0.9	8/13/01	8/15/01	
2,4-Dinitrotoluene	EPA 625	I1H1334	10	ND	0.9	8/13/01	8/15/01	
2,6-Dinitrotoluene	EPA 625	I1H1334	10	ND	0.9	8/13/01	8/15/01	
Di-n-octyl phthalate	EPA 625	I1H1334	40	ND	0.9	8/13/01	8/15/01	
Fluoranthene	EPA 625	I1H1334	10	ND	0.9	8/13/01	8/15/01	

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager



City of Simi Valley, Water Quality Control Plant Project ID: Semi-annual Monitoring
 2929 Tapo Canyon Road SV Lab# 9083, W12
 Simi Valley, CA 93063 Report Number: IKH0275
 Attention: Barbara Santos

Sampled: 08/07/01
 Received: 08/08/01

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
			ug/l	ug/l				
Sample ID: IKH0275-01 (W12 Comp., #9083 - Water)								
Fluorene	EPA 625	11H1334	10	ND	0.9	8/13/01	8/15/01	
Hexachlorobenzene	EPA 625	11H1334	10	ND	0.9	8/13/01	8/15/01	
Hexachlorobutadiene	EPA 625	11H1334	10	ND	0.9	8/13/01	8/15/01	
Hexachlorocyclopentadiene	EPA 625	11H1334	40	ND	0.9	8/13/01	8/15/01	
Hexachloroethane	EPA 625	11H1334	10	ND	0.9	8/13/01	8/15/01	
Indeno(1,2,3-cd)pyrene	EPA 625	11H1334	20	ND	0.9	8/13/01	8/15/01	
Isophorone	EPA 625	11H1334	10	ND	0.9	8/13/01	8/15/01	
2-Methylnaphthalene	EPA 625	11H1334	10	ND	0.9	8/13/01	8/15/01	
2-Methylphenol	EPA 625	11H1334	10	ND	0.9	8/13/01	8/15/01	
3-Methylphenol	EPA 625	11H1334	10	ND	0.9	8/13/01	8/15/01	
Naphthalene	EPA 625	11H1334	10	ND	0.9	8/13/01	8/15/01	
2-Nitroaniline	EPA 625	11H1334	20	ND	0.9	8/13/01	8/15/01	
3-Nitroaniline	EPA 625	11H1334	20	ND	0.9	8/13/01	8/15/01	
4-Nitroaniline	EPA 625	11H1334	100	ND	0.9	8/13/01	8/15/01	
Nitrobenzene	EPA 625	11H1334	40	ND	0.9	8/13/01	8/15/01	
2-Nitrophenol	EPA 625	11H1334	10	ND	0.9	8/13/01	8/15/01	
4-Nitrophenol	EPA 625	11H1334	100	ND	0.9	8/13/01	8/15/01	
n-Nitrosodiphenylamine	EPA 625	11H1334	10	ND	0.9	8/13/01	8/15/01	
2-Nitroso-di-n-propylamine	EPA 625	11H1334	10	ND	0.9	8/13/01	8/15/01	
Pentachlorophenol	EPA 625	11H1334	40	ND	0.9	8/13/01	8/15/01	
Phenanthrene	EPA 625	11H1334	10	ND	0.9	8/13/01	8/15/01	
Phenol	EPA 625	11H1334	10	ND	0.9	8/13/01	8/15/01	
Pyrene	EPA 625	11H1334	10	ND	0.9	8/13/01	8/15/01	
1,2,4-Trichlorobenzene	EPA 625	11H1334	10	ND	0.9	8/13/01	8/15/01	
2,4,5-Trichlorophenol	EPA 625	11H1334	20	ND	0.9	8/13/01	8/15/01	
2,4,6-Trichlorophenol	EPA 625	11H1334	20	ND	0.9	8/13/01	8/15/01	
1,2-Diphenylhydrazine	EPA 625	11H1334	500	ND	0.9	8/13/01	8/15/01	
n-Nitrosodimethylamine	EPA 625	11H1334	20	ND	0.9	8/13/01	8/15/01	
Surrogate: 2-Fluorophenol (30-110%)				79.4 %				
Surrogate: Phenol-d6 (40-110%)				86.8 %				
Surrogate: 2,4,6-Tribromophenol (55-140%)				85.2 %				
Surrogate: Nitrobenzene-d5 (40-110%)				82.1 %				
Surrogate: 2-Fluorobiphenyl (40-120%)				79.4 %				
Surrogate: Terphenyl-d14 (55-160%)				82.2 %				
Cresol	EPA 625	11H1334	10	ND	0.9	8/13/01	8/15/01	

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager



City of Simi Valley, Water Quality Control Plant Project ID: Semi-annual Monitoring
 2929 Tapo Canyon Road SV Lab# 9083, W12
 Simi Valley, CA 93063 Report Number: IKH0275
 Attention: Barbara Santos

Sampled: 08/07/01
 Received: 08/08/01

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS (EPA 418.1)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IKH0275-01 (W12 Comp., #9083 - Water)								
Total Recoverable Hydrocarbons	EPA 418.1	11H0936	1.0 mg/l	ND mg/l	1	8/9/01	8/9/01	

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

ATTACHMENT 2
RECEIVING WATER RESULTS
W - 11



Del Mar Analytical

2852 Alton Ave., Irvine, CA 92606 (949) 261-1022 FAX (949) 261-1228
 1014 E. Coldby Dr., Suite A, Colton, CA 92324 (909) 370-4667 FAX (909) 370-1046
 7277 Hayvenhurst, Suite B-12, Van Nuys, CA 91406 (818) 779-1844 FAX (818) 779-1843
 9484 Chesapeake Dr., Suite 805, San Diego, CA 92123 (858) 505-8596 FAX (858) 505-9589
 9830 South 51st St., Suite B-120, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0851

September 27, 2001

City of Simi Valley, Water Quality Control Plant
 2929 Tapo Canyon Road
 Simi Valley, CA 93063

Attention: *Barbara Santos*

Project: Semi-annual Monitoring, Sampled: 8/07/01
 SV Lab# 9085, W11
 Del Mar Analytical Number: IKH0274

Dear Ms. Santos:

Please find enclosed the final report for the referenced project. The Nitrogen- and Phosphorus- Containing Pesticides analysis by EPA Method 507, Chlorinated Pesticides analysis by EPA Method 508, and PCBs by EPA Methods 508(A) were subcontracted to Weck Laboratories, Inc. The cross-reference identification is as follows:

City of Simi Valley ID	Del Mar - Irvine ID	Weck Laboratories ID
W11 Comp. # 9085	IKH0274-01	A105538-001

Attached is the original report from Weck Laboratories, Inc. If you have any questions or require further assistance, please do not hesitate to contact me.

Sincerely yours,

DEL MAR ANALYTICAL

Rachel Parker
 Project Manager



City of Simi Valley, Water Quality Control Plant Project ID: Semi-annual Monitoring
 2929 Tapo Canyon Road SV Lab# 9085, W11
 Simi Valley, CA 93063 Report Number: IKH0274
 Attention: Barbara Santos

Sampled: 08/07/01
 Received: 08/08/01

METALS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
			mg/l	mg/l				
Sample ID: IKH0274-01 (W11 Comp., #9085 - Water)								
Arsenic	EPA 200.7	11H1323	0.0050	ND	1	8/13/01	8/13/01	
Cadmium	EPA 200.7	11H1323	0.0050	ND	1	8/13/01	8/13/01	
Chromium	EPA 200.7	11H1323	0.0050	ND	1	8/13/01	8/13/01	
Copper	EPA 200.7	11H1323	0.010	ND	1	8/13/01	8/13/01	
Lead	EPA 200.7	11H1323	0.0050	ND	1	8/13/01	8/13/01	
Nickel	EPA 200.7	11H1323	0.010	ND	1	8/13/01	8/13/01	
Zinc	EPA 200.7	11H1323	0.020	0.024	1	8/13/01	8/13/01	

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager



Del Mar Analytical

2852 Alton Ave., Irvine, CA 92606 (949) 261-1022 FAX (949) 261-1228
 1014 E. Coldby Dr., Suite A, Colton, CA 92324 (909) 370-4667 FAX (909) 370-1046
 7277 Hayvenhurst, Suite B-12, Van Nuys, CA 91406 (818) 779-1844 FAX (818) 779-1843
 9484 Chesapeake Dr., Suite 805, San Diego, CA 92123 (858) 505-8596 FAX (858) 505-9589
 9830 South 51st St., Suite B-120, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0851

City of Simi Valley, Water Quality Control Plant Project ID: Semi-annual Monitoring
 2929 Tapo Canyon Road SV Lab# 9085, W11
 Simi Valley, CA 93063 Report Number: IKH0274
 Attention: Barbara Santos

Sampled: 08/07/01
 Received: 08/08/01

INORGANICS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IKH0274-01 (W11 Comp., #9085 - Water)								
Oil & Grease	EPA 413.1	11H1034	5.0	ND	1	8/10/01	8/10/01	
Surfactants (MBAS)	SM5540-C	11H0862	0.10	0.14	1	8/8/01	8/8/01	

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager



Report Date: Monday, September 24, 2001

Received Date: Friday, August 10, 2001

Log By: mr

Log Time: 10:59

Client: Del Mar Analytical
2852 Alton Parkway
Irvine, CA 92606

Phone: (949) 261-1022

FAX: (949) 261-1228

Attn.: Rachel Parker

Project: IKH0274

P.O. #: IKH0274

Turnaround Time: Normal

CERTIFICATE OF ANALYSIS

Lab#: A105538-001

Sample ID: IKH0274

Matrix: Water

Sampled By: Client

Date: 8/7/01

Time: 17:00

Table with columns: Parameter, Result, Flag, Units, Dilution Factor, RL, Method, Analyzed, Worksheet #. Contains two sections of data for EPA 507 and EPA 508.

Lab#: A105538



Client: Del Mar Analytical
Project Name: IKH0274

Report Date: Monday, September 24, 2001

CERTIFICATE OF ANALYSIS

Lab#: A105538-001 Sample ID: IKH0274 Matrix: Water
Sampled By: Client Date: 8/7/01 Time: 17:00

Parameter	Result	Flag	Units	Dilution Factor	RL	Method	Analyzed	Worksheet #
Chlorothalonil	ND		ug/L	1	5.0	EPA 508	8/16/01 tp	WS26885
Hexachlorobenzene	ND		ug/L	1	0.50	EPA 508	8/16/01 tp	WS26885
Hexachlorocyclopentadiene	ND		ug/L	1	1.0	EPA 508	8/16/01 tp	WS26885
Propachlor	ND		ug/L	1	0.50	EPA 508	8/16/01 tp	WS26885
Trifluralin	ND		ug/L	1	0.010	EPA 508	8/16/01 tp	WS26885
Chlordane	ND		ug/L	1	0.10	EPA 508	8/16/01 tp	WS26885
Toxaphene	ND		ug/L	1	1.0	EPA 508	8/16/01 tp	WS26885
Aroclor-1016	ND		ug/L	1	0.10	EPA 508	8/16/01 tp	WS26885
Aroclor-1221	ND		ug/L	1	0.10	EPA 508	8/16/01 tp	WS26885
Aroclor-1232	ND		ug/L	1	0.10	EPA 508	8/16/01 tp	WS26885
Aroclor-1242	ND		ug/L	1	0.10	EPA 508	8/16/01 tp	WS26885
Aroclor-1248	ND		ug/L	1	0.10	EPA 508	8/16/01 tp	WS26885
Aroclor-1254	ND		ug/L	1	0.10	EPA 508	8/16/01 tp	WS26885
Aroclor-1260	ND		ug/L	1	0.10	EPA 508	8/16/01 tp	WS26885
Prep. EPA 508A Date: 8/10/01 By hp ew								
Decachlorobiphenyl	ND		ug/L	1	0.50	EPA 508A	8/16/01 tp	WS27729

[Handwritten Signature]
Authorized Signature

ELAP # 1132
LACSD # 10143

Flags for Data Qualifiers:

- B = Compound detected in the blank. Sample result equal or less than 10 times the concentration in the blank.
- J = Estimated value, detected but below the reporting limit.
- H = Estimated value, result over the calibration range
- R = Result is suspect, LCS recovery greater than the upper control limit.
- L = Result is suspect, LCS recovery lower than the control limit.
- Q = QC result out of acceptance limits.
- T = Trace detection, detected but below the reporting limit.

Notes:

- The Chain of Custody document is part of the analytical report.
- Any remaining sample(s) for testing will be disposed of one month from the final report date unless other arrangements are made in advance.
- All results are expressed on wet weight basis unless specified.
- RL = Reporting Limit.
- ND = Not detected, below the reporting limit.
- Sub = Subcontracted analysis, original report enclosed.

Lab#: A105538



City of Simi Valley, Water Quality Control Plant Project ID: Semi-annual Monitoring
 2929 Tapo Canyon Road SV Lab# 9085, W11
 Simi Valley, CA 93063 Report Number: IKH0274
 Attention: Barbara Santos

Sampled: 08/07/01
 Received: 08/08/01

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Method	Batch	Reporting	Sample	Dilution	Date	Date	Data
			Limit	Result					Factor	Extracted	Analyzed	Qualifiers
			ug/l	ug/l				
Sample ID: IKH0274-01 (W11 Comp., #9085 - Water)								
Acenaphthene	EPA 625	11H1028	10	ND	0.9	8/10/01	8/13/01	
Acenaphthylene	EPA 625	11H1028	10	ND	0.9	8/10/01	8/13/01	
Aniline	EPA 625	11H1028	10	ND	0.9	8/10/01	8/13/01	L2
Anthracene	EPA 625	11H1028	10	ND	0.9	8/10/01	8/13/01	
Azobenzene	EPA 625	11H1028	20	ND	0.9	8/10/01	8/13/01	
Benzidine	EPA 625	11H1028	100	ND	0.9	8/10/01	8/13/01	L2
Benzoic acid	EPA 625	11H1028	100	ND	0.9	8/10/01	8/13/01	
Benzo(a)anthracene	EPA 625	11H1028	10	ND	0.9	8/10/01	8/13/01	
Benzo(b)fluoranthene	EPA 625	11H1028	10	ND	0.9	8/10/01	8/13/01	
Benzo(k)fluoranthene	EPA 625	11H1028	10	ND	0.9	8/10/01	8/13/01	
Benzo(g,h,i)perylene	EPA 625	11H1028	10	ND	0.9	8/10/01	8/13/01	
Benzo(a)pyrene	EPA 625	11H1028	10	ND	0.9	8/10/01	8/13/01	
Benzyl alcohol	EPA 625	11H1028	20	ND	0.9	8/10/01	8/13/01	
Bis(2-chloroethoxy)methane	EPA 625	11H1028	10	ND	0.9	8/10/01	8/13/01	
Bis(2-chloroethyl)ether	EPA 625	11H1028	10	ND	0.9	8/10/01	8/13/01	
Bis(2-chloroisopropyl)ether	EPA 625	11H1028	10	ND	0.9	8/10/01	8/13/01	
Bis(2-ethylhexyl)phthalate	EPA 625	11H1028	100	ND	0.9	8/10/01	8/13/01	
4-Bromophenyl phenyl ether	EPA 625	11H1028	10	ND	0.9	8/10/01	8/13/01	
Butyl benzyl phthalate	EPA 625	11H1028	20	ND	0.9	8/10/01	8/13/01	
4-Chloroaniline	EPA 625	11H1028	10	ND	0.9	8/10/01	8/13/01	
2-Chloronaphthalene	EPA 625	11H1028	10	ND	0.9	8/10/01	8/13/01	
4-Chloro-3-methylphenol	EPA 625	11H1028	20	ND	0.9	8/10/01	8/13/01	
4-Chlorophenol	EPA 625	11H1028	10	ND	0.9	8/10/01	8/13/01	
4-Chlorophenyl phenyl ether	EPA 625	11H1028	10	ND	0.9	8/10/01	8/13/01	
Chrysene	EPA 625	11H1028	10	ND	0.9	8/10/01	8/13/01	
Dibenz(a,h)anthracene	EPA 625	11H1028	20	ND	0.9	8/10/01	8/13/01	
Dibenzofuran	EPA 625	11H1028	10	ND	0.9	8/10/01	8/13/01	
Di-n-butyl phthalate	EPA 625	11H1028	20	ND	0.9	8/10/01	8/13/01	
1,3-Dichlorobenzene	EPA 625	11H1028	10	ND	0.9	8/10/01	8/13/01	
1,4-Dichlorobenzene	EPA 625	11H1028	10	ND	0.9	8/10/01	8/13/01	
1,2-Dichlorobenzene	EPA 625	11H1028	10	ND	0.9	8/10/01	8/13/01	
2,3-Dichlorobenzidine	EPA 625	11H1028	40	ND	0.9	8/10/01	8/13/01	
1,4-Dichlorophenol	EPA 625	11H1028	10	ND	0.9	8/10/01	8/13/01	
Diethyl phthalate	EPA 625	11H1028	10	ND	0.9	8/10/01	8/13/01	
2,4-Dimethylphenol	EPA 625	11H1028	20	ND	0.9	8/10/01	8/13/01	
Dimethyl phthalate	EPA 625	11H1028	10	ND	0.9	8/10/01	8/13/01	
2,6-Dinitro-2-methylphenol	EPA 625	11H1028	40	ND	0.9	8/10/01	8/13/01	
2,4-Dinitrophenol	EPA 625	11H1028	100	ND	0.9	8/10/01	8/13/01	
4-Dinitrotoluene	EPA 625	11H1028	10	ND	0.9	8/10/01	8/13/01	
2,6-Dinitrotoluene	EPA 625	11H1028	10	ND	0.9	8/10/01	8/13/01	
Di-n-octyl phthalate	EPA 625	11H1028	40	ND	0.9	8/10/01	8/13/01	
Fluoranthene	EPA 625	11H1028	10	ND	0.9	8/10/01	8/13/01	

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager



City of Simi Valley, Water Quality Control Plant Project ID: Semi-annual Monitoring
 2929 Tapo Canyon Road SV Lab# 9085, W11
 Simi Valley, CA 93063 Report Number: IKH0274
 Attention: Barbara Santos

Sampled: 08/07/01
 Received: 08/08/01

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
			ug/l	ug/l				
Sample ID: IKH0274-01 (W11 Comp., #9085 - Water)								
Fluorene	EPA 625	11H1028	10	ND	0.9	8/10/01	8/13/01	
Hexachlorobenzene	EPA 625	11H1028	10	ND	0.9	8/10/01	8/13/01	
Hexachlorobutadiene	EPA 625	11H1028	10	ND	0.9	8/10/01	8/13/01	
Hexachlorocyclopentadiene	EPA 625	11H1028	40	ND	0.9	8/10/01	8/13/01	
Hexachloroethane	EPA 625	11H1028	10	ND	0.9	8/10/01	8/13/01	
Indeno(1,2,3-cd)pyrene	EPA 625	11H1028	20	ND	0.9	8/10/01	8/13/01	
Isophorone	EPA 625	11H1028	10	ND	0.9	8/10/01	8/13/01	
2-Methylnaphthalene	EPA 625	11H1028	10	ND	0.9	8/10/01	8/13/01	
1-Methylphenol	EPA 625	11H1028	10	ND	0.9	8/10/01	8/13/01	
2-Methylphenol	EPA 625	11H1028	10	ND	0.9	8/10/01	8/13/01	
Naphthalene	EPA 625	11H1028	10	ND	0.9	8/10/01	8/13/01	
1-Nitroaniline	EPA 625	11H1028	20	ND	0.9	8/10/01	8/13/01	
2-Nitroaniline	EPA 625	11H1028	20	ND	0.9	8/10/01	8/13/01	
4-Nitroaniline	EPA 625	11H1028	100	ND	0.9	8/10/01	8/13/01	
Nitrobenzene	EPA 625	11H1028	40	ND	0.9	8/10/01	8/13/01	
1-Nitrophenol	EPA 625	11H1028	10	ND	0.9	8/10/01	8/13/01	
4-Nitrophenol	EPA 625	11H1028	100	ND	0.9	8/10/01	8/13/01	
n-Nitrosodiphenylamine	EPA 625	11H1028	10	ND	0.9	8/10/01	8/13/01	
1-Nitroso-di-n-propylamine	EPA 625	11H1028	10	ND	0.9	8/10/01	8/13/01	
1,2,4-Trichlorophenol	EPA 625	11H1028	40	ND	0.9	8/10/01	8/13/01	
Phenanthrene	EPA 625	11H1028	10	ND	0.9	8/10/01	8/13/01	
Phenol	EPA 625	11H1028	10	ND	0.9	8/10/01	8/13/01	
Pyrene	EPA 625	11H1028	10	ND	0.9	8/10/01	8/13/01	
1,2,4-Trichlorobenzene	EPA 625	11H1028	10	ND	0.9	8/10/01	8/13/01	
2,4,5-Trichlorophenol	EPA 625	11H1028	20	ND	0.9	8/10/01	8/13/01	
2,4,6-Trichlorophenol	EPA 625	11H1028	20	ND	0.9	8/10/01	8/13/01	
1,2-Diphenylhydrazine	EPA 625	11H1028	500	ND	0.9	8/10/01	8/13/01	
n-Nitrosodimethylamine	EPA 625	11H1028	20	ND	0.9	8/10/01	8/13/01	
Surrogate: 2-Fluorophenol (30-110%)								74.0 %
Surrogate: Phenol-d6 (40-110%)								87.0 %
Surrogate: 2,4,6-Tribromophenol (55-140%)								89.1 %
Surrogate: Nitrobenzene-d5 (40-110%)								79.8 %
Surrogate: 2-Fluorobiphenyl (40-120%)								76.0 %
Surrogate: Terphenyl-d14 (55-160%)								116 %
Cresol	EPA 625	11H1028	10	ND	0.9	8/10/01	8/13/01	

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager



City of Simi Valley, Water Quality Control Plant 2929 Tapo Canyon Road Simi Valley, CA 93063 Attention: Barbara Santos	Project ID: Semi-annual Monitoring SV Lab# 9085, W11 Report Number: IKH0274	Sampled: 08/07/01 Received: 08/08/01
---	---	---

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS (EPA 418.1)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
			mg/l	mg/l				
<i>Sample ID: IKH0274-01 (W11 Comp., #9085 - Water)</i>								
Total Recoverable Hydrocarbons	EPA 418.1	11H0936	1.0	ND	1	8/9/01	8/9/01	

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

ATTACHMENT 3
RECEIVING WATER RESULTS
W - 10



Del Mar Analytical

2852 Alton Ave., Irvine, CA 92606 (949) 261-1022 FAX (949) 261-1228
 1014 E. Coldby Dr., Suite A, Colton, CA 92324 (909) 370-4667 FAX (909) 370-1046
 7277 Hayvenhurst, Suite B-12, Van Nuys, CA 91406 (818) 779-1844 FAX (818) 779-1843
 9484 Chesapeake Dr., Suite 805, San Diego, CA 92123 (858) 505-8596 FAX (858) 505-9589
 9830 South 51st St., Suite B-120, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0851

City of Simi Valley, Water Quality Control Plant Project ID: Semi-annual Monitoring

2929 Tapo Canyon Road

SV Lab# 9081, W10

Sampled: 08/07/01

Simi Valley, CA 93063

Report Number: IKH0272

Received: 08/08/01

Attention: Barbara Santos

METALS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
			mg/l	mg/l				
Sample ID: IKH0272-01 (W10 Comp., #9081 - Water)								
Arsenic	EPA 200.7	11H1323	0.0050	ND	1	8/13/01	8/13/01	
Cadmium	EPA 200.7	11H1323	0.0050	ND	1	8/13/01	8/13/01	
Chromium	EPA 200.7	11H1323	0.0050	ND	1	8/13/01	8/13/01	
Copper	EPA 200.7	11H1323	0.010	ND	1	8/13/01	8/13/01	
Lead	EPA 200.7	11H1323	0.0050	ND	1	8/13/01	8/13/01	
Nickel	EPA 200.7	11H1323	0.010	ND	1	8/13/01	8/13/01	
Zinc	EPA 200.7	11H1323	0.020	ND	1	8/13/01	8/13/01	

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager



Del Mar Analytical

2852 Alton Ave., Irvine, CA 92606 (949) 261-1022 FAX (949) 261-1228
 1014 E. Coldby Dr., Suite A, Colton, CA 92324 (909) 370-4667 FAX (909) 370-1046
 7277 Hayvenhurst, Suite B-12, Van Nuys, CA 91406 (818) 779-1844 FAX (818) 779-1843
 9484 Chesapeake Dr., Suite 805, San Diego, CA 92123 (858) 505-8596 FAX (858) 505-9589
 9830 South 51st St., Suite B-120, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0851

City of Simi Valley, Water Quality Control Plant 2929 Tapo Canyon Road Simi Valley, CA 93063 Attention: Barbara Santos	Project ID: Semi-annual Monitoring SV Lab# 9081, W10 Report Number: IKH0272	Sampled: 08/07/01 Received: 08/08/01
---	---	---

INORGANICS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
			mg/l	mg/l				
Sample ID: IKH0272-01 (W10 Comp., #9081 - Water)								
Oil & Grease	EPA 413.1	11H1034	5.0	ND	1	8/10/01	8/10/01	
Surfactants (MBAS)	SM5540-C	11H0862	0.10	0.19	1	8/8/01	8/8/01	

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager



Report Date: Monday, September 24, 2001

Received Date: Friday, August 10, 2001

Log By: mr

Log Time: 10:56

Client: Del Mar Analytical
2852 Alton Parkway
Irvine, CA 92606

Phone: (949) 261-1022

FAX: (949) 261-1228

Attn.: Rachel Parker

Project: IKH0272

P.O. #: IKH0272

Turnaround Time: Normal

CERTIFICATE OF ANALYSIS

Lab#: A105537-001

Sample ID: IKH0272

Matrix: Water

Sampled By: Client

Date: 8/7/01

Time: 17:00

Table with columns: Parameter, Result, Flag, Units, Dilution Factor, RL, Method, Analyzed, Worksheet #. Contains two sections of data for EPA 507 and EPA 508 methods.

Lab#: A105537



Client: Del Mar Analytical
Project Name: IKH0272

Report Date: Monday, September 24, 2001

CERTIFICATE OF ANALYSIS

Lab#: A105537-001 Sample ID: IKH0272 Matrix: Water
Sampled By: Client Date: 8/7/01 Time: 17:00

Table with columns: Parameter, Result, Flag, Units, Dilution Factor, RL, Method, Analyzed, Worksheet #. Lists various chemical compounds and their detection results.

Authorized Signature (handwritten signature)

ELAP # 1132
LACSD # 10143

Flags for Data Qualifiers:

- B = Compound detected in the blank. Sample result equal or less than 10 times the concentration in the blank.
J = Estimated value, detected but below the reporting limit.
H = Estimated value, result over the calibration range
R = Result is suspect, LCS recovery greater than the upper control limit.
L = Result is suspect, LCS recovery lower than the control limit.
Q = QC result out of acceptance limits.
T = Trace detection, detected but below the reporting limit.

Notes:

- The Chain of Custody document is part of the analytical report.
Any remaining sample(s) for testing will be disposed of one month from the final report date unless other arrangements are made in advance.
All results are expressed on wet weight basis unless specified.
RL = Reporting Limit.
ND = Not detected, below the reporting limit.
Sub = Subcontracted analysis, original report enclosed.

Lab#: A105537



City of Simi Valley, Water Quality Control Plant Project ID: Semi-annual Monitoring
 2929 Tapo Canyon Road SV Lab# 9081, W10
 Simi Valley, CA 93063 Report Number: IKH0272
 Attention: Barbara Santos

Sampled: 08/07/01
 Received: 08/08/01

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
			ug/l	ug/l				
Sample ID: IKH0272-01 (W10 Comp., #9081 - Water)								
Acenaphthene	EPA 625	11H1028	10	ND	0.9	8/10/01	8/13/01	
Acenaphthylene	EPA 625	11H1028	10	ND	0.9	8/10/01	8/13/01	
Aniline	EPA 625	11H1028	10	ND	0.9	8/10/01	8/13/01	L2
Anthracene	EPA 625	11H1028	10	ND	0.9	8/10/01	8/13/01	
Azobenzene	EPA 625	11H1028	20	ND	0.9	8/10/01	8/13/01	
Benzidine	EPA 625	11H1028	100	ND	0.9	8/10/01	8/13/01	L2
Benzoic acid	EPA 625	11H1028	100	ND	0.9	8/10/01	8/13/01	
Benzo(a)anthracene	EPA 625	11H1028	10	ND	0.9	8/10/01	8/13/01	
Benzo(b)fluoranthene	EPA 625	11H1028	10	ND	0.9	8/10/01	8/13/01	
Benzo(k)fluoranthene	EPA 625	11H1028	10	ND	0.9	8/10/01	8/13/01	
Benzo(g,h,i)perylene	EPA 625	11H1028	10	ND	0.9	8/10/01	8/13/01	
Benzo(a)pyrene	EPA 625	11H1028	10	ND	0.9	8/10/01	8/13/01	
Benzyl alcohol	EPA 625	11H1028	20	ND	0.9	8/10/01	8/13/01	
Bis(2-chloroethoxy)methane	EPA 625	11H1028	10	ND	0.9	8/10/01	8/13/01	
Bis(2-chloroethyl)ether	EPA 625	11H1028	10	ND	0.9	8/10/01	8/13/01	
Bis(2-chloroisopropyl)ether	EPA 625	11H1028	10	ND	0.9	8/10/01	8/13/01	
Bis(2-ethylhexyl)phthalate	EPA 625	11H1028	100	ND	0.9	8/10/01	8/13/01	
4-Bromophenyl phenyl ether	EPA 625	11H1028	10	ND	0.9	8/10/01	8/13/01	
Butyl benzyl phthalate	EPA 625	11H1028	20	ND	0.9	8/10/01	8/13/01	
4-Chloroaniline	EPA 625	11H1028	10	ND	0.9	8/10/01	8/13/01	
2-Chloronaphthalene	EPA 625	11H1028	10	ND	0.9	8/10/01	8/13/01	
4-Chloro-3-methylphenol	EPA 625	11H1028	20	ND	0.9	8/10/01	8/13/01	
4-Chlorophenol	EPA 625	11H1028	10	ND	0.9	8/10/01	8/13/01	
4-Chlorophenyl phenyl ether	EPA 625	11H1028	10	ND	0.9	8/10/01	8/13/01	
Chrysene	EPA 625	11H1028	10	ND	0.9	8/10/01	8/13/01	
Dibenz(a,h)anthracene	EPA 625	11H1028	20	ND	0.9	8/10/01	8/13/01	
Dibenzofuran	EPA 625	11H1028	10	ND	0.9	8/10/01	8/13/01	
Di-n-butyl phthalate	EPA 625	11H1028	20	ND	0.9	8/10/01	8/13/01	
1,3-Dichlorobenzene	EPA 625	11H1028	10	ND	0.9	8/10/01	8/13/01	
1,4-Dichlorobenzene	EPA 625	11H1028	10	ND	0.9	8/10/01	8/13/01	
1,2-Dichlorobenzene	EPA 625	11H1028	10	ND	0.9	8/10/01	8/13/01	
2,3-Dichlorobenzidine	EPA 625	11H1028	40	ND	0.9	8/10/01	8/13/01	
2,4-Dichlorophenol	EPA 625	11H1028	10	ND	0.9	8/10/01	8/13/01	
Diethyl phthalate	EPA 625	11H1028	10	ND	0.9	8/10/01	8/13/01	
2,4-Dimethylphenol	EPA 625	11H1028	20	ND	0.9	8/10/01	8/13/01	
Dimethyl phthalate	EPA 625	11H1028	10	ND	0.9	8/10/01	8/13/01	
2,6-Dinitro-2-methylphenol	EPA 625	11H1028	40	ND	0.9	8/10/01	8/13/01	
2,4-Dinitrophenol	EPA 625	11H1028	100	ND	0.9	8/10/01	8/13/01	
2,4-Dinitrotoluene	EPA 625	11H1028	10	ND	0.9	8/10/01	8/13/01	
2,6-Dinitrotoluene	EPA 625	11H1028	10	ND	0.9	8/10/01	8/13/01	
Di-n-octyl phthalate	EPA 625	11H1028	40	ND	0.9	8/10/01	8/13/01	
Fluoranthene	EPA 625	11H1028	10	ND	0.9	8/10/01	8/13/01	

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager



City of Simi Valley, Water Quality Control Plant	Project ID: Semi-annual Monitoring	
2929 Tapo Canyon Road	SV Lab# 9081, W10	Sampled: 08/07/01
Simi Valley, CA 93063	Report Number: IKH0272	Received: 08/08/01
Attention: Barbara Santos		

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
			ug/l	ug/l				
Sample ID: IKH0272-01 (W10 Comp., #9081 - Water)								
Fluorene	EPA 625	11H1028	10	ND	0.9	8/10/01	8/13/01	
Hexachlorobenzene	EPA 625	11H1028	10	ND	0.9	8/10/01	8/13/01	
Hexachlorobutadiene	EPA 625	11H1028	10	ND	0.9	8/10/01	8/13/01	
Hexachlorocyclopentadiene	EPA 625	11H1028	40	ND	0.9	8/10/01	8/13/01	
Hexachloroethane	EPA 625	11H1028	10	ND	0.9	8/10/01	8/13/01	
Indeno(1,2,3-cd)pyrene	EPA 625	11H1028	20	ND	0.9	8/10/01	8/13/01	
Isophorone	EPA 625	11H1028	10	ND	0.9	8/10/01	8/13/01	
2-Methylnaphthalene	EPA 625	11H1028	10	ND	0.9	8/10/01	8/13/01	
2-Methylphenol	EPA 625	11H1028	10	ND	0.9	8/10/01	8/13/01	
4-Methylphenol	EPA 625	11H1028	10	ND	0.9	8/10/01	8/13/01	
Naphthalene	EPA 625	11H1028	10	ND	0.9	8/10/01	8/13/01	
2-Nitroaniline	EPA 625	11H1028	20	ND	0.9	8/10/01	8/13/01	
3-Nitroaniline	EPA 625	11H1028	20	ND	0.9	8/10/01	8/13/01	
4-Nitroaniline	EPA 625	11H1028	100	ND	0.9	8/10/01	8/13/01	
Nitrobenzene	EPA 625	11H1028	40	ND	0.9	8/10/01	8/13/01	
2-Nitrophenol	EPA 625	11H1028	10	ND	0.9	8/10/01	8/13/01	
4-Nitrophenol	EPA 625	11H1028	100	ND	0.9	8/10/01	8/13/01	
n-Nitrosodiphenylamine	EPA 625	11H1028	10	ND	0.9	8/10/01	8/13/01	
n-Nitroso-di-n-propylamine	EPA 625	11H1028	10	ND	0.9	8/10/01	8/13/01	
Pentachlorophenol	EPA 625	11H1028	40	ND	0.9	8/10/01	8/13/01	
Phenanthrene	EPA 625	11H1028	10	ND	0.9	8/10/01	8/13/01	
Phenol	EPA 625	11H1028	10	ND	0.9	8/10/01	8/13/01	
Pyrene	EPA 625	11H1028	10	ND	0.9	8/10/01	8/13/01	
1,2,4-Trichlorobenzene	EPA 625	11H1028	10	ND	0.9	8/10/01	8/13/01	
2,4,5-Trichlorophenol	EPA 625	11H1028	20	ND	0.9	8/10/01	8/13/01	
2,4,6-Trichlorophenol	EPA 625	11H1028	20	ND	0.9	8/10/01	8/13/01	
1,2-Diphenylhydrazine	EPA 625	11H1028	500	ND	0.9	8/10/01	8/13/01	
n-Nitrosodimethylamine	EPA 625	11H1028	20	ND	0.9	8/10/01	8/13/01	
Surrogate: 2-Fluorophenol (30-110%)								72.1 %
Surrogate: Phenol-d6 (40-110%)								85.3 %
Surrogate: 2,4,6-Tribromophenol (55-140%)								87.9 %
Surrogate: Nitrobenzene-d5 (40-110%)								78.8 %
Surrogate: 2-Fluorobiphenyl (40-120%)								79.7 %
Surrogate: Terphenyl-d14 (55-160%)								122 %
Cresol	EPA 625	11H1028	10	ND	0.9	8/10/01	8/13/01	

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager



Del Mar Analytical

2852 Alton Ave., Irvine, CA 92606 (949) 261-1022 FAX (949) 261-1228
 1014 E. Coldby Dr., Suite A, Colton, CA 92324 (909) 370-4667 FAX (909) 370-1046
 7277 Hayvenhurst, Suite B-12, Van Nuys, CA 91406 (818) 779-1844 FAX (818) 779-1843
 9484 Chesapeake Dr., Suite 805, San Diego, CA 92123 (858) 505-8596 FAX (858) 505-9589
 9830 South 51st St., Suite B-120, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0851

September 27, 2001

City of Simi Valley, Water Quality Control Plant
 2929 Tapo Canyon Road
 Simi Valley, CA 93063

Attention: Barbara Santos

Project: Semi-annual Monitoring, Sampled: 8/07/01
 SV Lab# 9081, W10
 Del Mar Analytical Number: IKH0272

Dear Ms. Santos:

Please find enclosed the final report for the referenced project. The Nitrogen- and Phosphorus- Containing Pesticides analysis by EPA Method 507, Chlorinated Pesticides analysis by EPA Method 508, and PCBs by EPA Methods 508(A) were subcontracted to Weck Laboratories, Inc. The cross-reference identification is as follows:

City of Simi Valley ID	Del Mar -- Irvine ID	Weck Laboratories ID
W10 Comp. # 9081	IKH0272-01	A105537-001

Attached is the original report from Weck Laboratories, Inc. If you have any questions or require further assistance, please do not hesitate to contact me.

Sincerely yours,

DEL MAR ANALYTICAL

Rachel Parker
 Project Manager



City of Simi Valley, Water Quality Control Plant 2929 Tapo Canyon Road Simi Valley, CA 93063 Attention: Barbara Santos	Project ID: Semi-annual Monitoring SV Lab# 9081, W10 Report Number: IKH0272	Sampled: 08/07/01 Received: 08/08/01
---	---	---

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS (EPA 418.1)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
			mg/l	mg/l				
Sample ID: IKH0272-01 (W10 Comp., #9081 - Water)								
Total Recoverable Hydrocarbons	EPA 418.1	I1H0936	1.0	ND	1	8/9/01	8/9/01	

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

ATTACHMENT 4
QA/OC REPORT



City of Simi Valley, Water Quality Control Plant Project ID: Semi-annual Monitoring
 2929 Tapo Canyon Road SV Lab# 9083, W12
 Simi Valley, CA 93063 Report Number: IKH0275
 Attention: Barbara Santos

Sampled: 08/07/01
 Received: 08/08/01

METHOD BLANK/QC DATA

METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limit	RPD RPD	Limit	Data Qualifiers
Batch: 11H1323 Extracted: 08/13/01										
Blank Analyzed: 08/13/01 (11H1323-BLK1)										
Arsenic	ND	0.0050	mg/l							
Cadmium	ND	0.0050	mg/l							
Chromium	ND	0.0050	mg/l							
Copper	ND	0.010	mg/l							
Lead	ND	0.0050	mg/l							
Nickel	ND	0.010	mg/l							
Zinc	ND	0.020	mg/l							
LCS Analyzed: 08/13/01 (11H1323-BS1)										
Arsenic	0.521	0.0050	mg/l	0.500		104	85-115			
Cadmium	0.514	0.0050	mg/l	0.500		103	85-115			
Chromium	0.508	0.0050	mg/l	0.500		102	85-115			
Copper	0.501	0.010	mg/l	0.500		100	85-115			
Lead	0.514	0.0050	mg/l	0.500		103	85-115			
Nickel	0.516	0.010	mg/l	0.500		103	85-115			
Zinc	0.509	0.020	mg/l	0.500		102	85-115			
Matrix Spike Analyzed: 08/13/01 (11H1323-MS1) Source: IKH0269-01										
Arsenic	0.530	0.0050	mg/l	0.500	ND	106	70-130			
Cadmium	0.510	0.0050	mg/l	0.500	ND	102	70-130			
Chromium	0.505	0.0050	mg/l	0.500	ND	101	70-130			
Copper	0.527	0.010	mg/l	0.500	ND	104	70-130			
Lead	0.505	0.0050	mg/l	0.500	ND	101	70-130			
Nickel	0.512	0.010	mg/l	0.500	ND	101	70-130			
Zinc	0.548	0.020	mg/l	0.500	0.041	101	70-130			
Matrix Spike Dup Analyzed: 08/13/01 (11H1323-MSD1) Source: IKH0269-01										
Arsenic	0.544	0.0050	mg/l	0.500	ND	109	70-130	2.61	20	
Cadmium	0.525	0.0050	mg/l	0.500	ND	105	70-130	2.90	20	
Chromium	0.511	0.0050	mg/l	0.500	ND	102	70-130	1.18	20	
Copper	0.543	0.010	mg/l	0.500	ND	107	70-130	2.99	20	
Lead	0.513	0.0050	mg/l	0.500	ND	103	70-130	1.57	20	
Nickel	0.524	0.010	mg/l	0.500	ND	104	70-130	2.32	20	
Zinc	0.568	0.020	mg/l	0.500	0.041	105	70-130	3.58	20	

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager



Del Mar Analytical

2852 Alton Ave., Irvine, CA 92606 (949) 261-1022 FAX (949) 261-1228
 1014 E. Coldby Dr., Suite A, Colton, CA 92324 (909) 370-4667 FAX (909) 370-1046
 7277 Hayvenhurst, Suite B-12, Van Nuys, CA 91406 (818) 779-1844 FAX (818) 779-1843
 9484 Chesapeake Dr., Suite 805, San Diego, CA 92123 (858) 505-8596 FAX (858) 505-9589
 9830 South 51st St., Suite B-120, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0851

City of Simi Valley, Water Quality Control Plant 2929 Tapo Canyon Road Simi Valley, CA 93063 Attention: Barbara Santos	Project ID: Semi-annual Monitoring SV Lab# 9083, W12 Report Number: IKH0275	Sampled: 08/07/01 Received: 08/08/01
---	---	---

METHOD BLANK/QC DATA

INORGANICS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	RPD Limits RPD	RPD Limit	Data Qualifiers
Batch: I1H0862 Extracted: 08/08/01									
Blank Analyzed: 08/08/01 (I1H0862-BLK1)									
Surfactants (MBAS)	ND	0.10	mg/l						
LCS Analyzed: 08/08/01 (I1H0862-BS1)									
Surfactants (MBAS)	0.246	0.10	mg/l	0.250		98.4	90-110		
Matrix Spike Analyzed: 08/08/01 (I1H0862-MS1)									
Surfactants (MBAS)	0.290	0.10	mg/l	0.250	ND	88.4	50-125		
Matrix Spike Dup Analyzed: 08/08/01 (I1H0862-MSD1)									
Surfactants (MBAS)	0.283	0.10	mg/l	0.250	ND	85.6	50-125	2.44	20
Batch: I1H1034 Extracted: 08/10/01									
Blank Analyzed: 08/10/01 (I1H1034-BLK1)									
Oil & Grease	ND	5.0	mg/l						
LCS Analyzed: 08/10/01 (I1H1034-BS1)									
Oil & Grease	20.2	5.0	mg/l	20.0		101	80-120		M-NRI
LCS Dup Analyzed: 08/10/01 (I1H1034-BSD1)									
Oil & Grease	20.0	5.0	mg/l	20.0		100	80-120	0.995	20

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

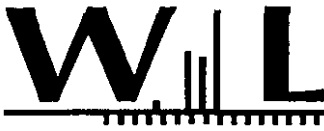
Client: Del Mar Analytical
Project Name: IKH0272QC Report Date: Monday, September 24, 2001
Project #:

QUALITY CONTROL REPORT

QC Lab#	TestGroup	Parameter	Sample Result	QC Result	Units	Amt. Added/ True Value	%R or RPD	%RPD for MSD	Low Limit	High Limit
A105530-001MS	508_ms	4,4'-DDD	ND	0.0783	ug/L	0.1	78.3		72	142
A105530-001MS	508_ms	4,4'-DDE	ND	0.0763	ug/L	0.1	76.3		64	134
A105530-001MS	508_ms	4,4'-DDT	ND	0.0892	ug/L	0.1	89.2		77	147
A105530-001MS	508_ms	Aldrin	ND	0.0783	ug/L	0.1	78.3		51	121
A105530-001MS	508_ms	alpha-BHC	ND	0.0733	ug/L	0.1	73.3		57	127
A105530-001MS	508_ms	beta-BHC	ND	0.0757	ug/L	0.1	75.7		60	130
A105530-001MS	508_ms	delta-BHC	ND	0.0795	ug/L	0.1	79.5		67	137
A105530-001MS	508_ms	Dieldrin	ND	0.0770	ug/L	0.1	77		52	122
A105530-001MS	508_ms	Endosulfan I	ND	0.0781	ug/L	0.1	78.1		52	122
A105530-001MS	508_ms	Endosulfan II	ND	0.0802	ug/L	0.1	80.2		57	127
A105530-001MS	508_ms	Endosulfan sulfate	ND	0.0994	ug/L	0.1	99.4		67	137
A105530-001MS	508_ms	Endrin	ND	0.0957	ug/L	0.1	95.7		53	123
A105530-001MS	508_ms	Endrin aldehyde	ND	0.0828	ug/L	0.1	82.8		53	123
A105530-001MS	508_ms	gamma-BHC (lindane)	ND	0.0733	ug/L	0.1	73.3		54	124
A105530-001MS	508_ms	Heptachlor	ND	0.0818	ug/L	0.1	81.8		63	133
A105530-001MS	508_ms	Heptachlor epoxide	ND	0.0760	ug/L	0.1	76		52	122
A105530-001MS	508_ms	Methoxychlor	ND	0.0941	ug/L	0.1	94.1		70	140
A105530-001MSD	508_msd	4,4'-DDD	ND	0.0791	ug/L	0.1	79.1	1	72	142
A105530-001MSD	508_msd	4,4'-DDE	ND	0.0768	ug/L	0.1	76.8	1	64	134
A105530-001MSD	508_msd	4,4'-DDT	ND	0.0900	ug/L	0.1	90	1	77	147
A105530-001MSD	508_msd	Aldrin	ND	0.0776	ug/L	0.1	77.6	1	51	121
A105530-001MSD	508_msd	alpha-BHC	ND	0.0727	ug/L	0.1	72.7	1	57	127
A105530-001MSD	508_msd	beta-BHC	ND	0.0755	ug/L	0.1	75.5	0	60	130
A105530-001MSD	508_msd	delta-BHC	ND	0.0808	ug/L	0.1	80.8	2	67	137
A105530-001MSD	508_msd	Dieldrin	ND	0.0776	ug/L	0.1	77.6	1	52	122
A105530-001MSD	508_msd	Endosulfan I	ND	0.0781	ug/L	0.1	78.1	0	52	122
A105530-001MSD	508_msd	Endosulfan II	ND	0.0806	ug/L	0.1	80.6	0	57	127
A105530-001MSD	508_msd	Endosulfan sulfate	ND	0.0972	ug/L	0.1	97.2	2	67	137
A105530-001MSD	508_msd	Endrin	ND	0.0965	ug/L	0.1	96.5	1	53	123
A105530-001MSD	508_msd	Endrin aldehyde	ND	0.0835	ug/L	0.1	83.5	1	53	123
A105530-001MSD	508_msd	gamma-BHC (lindane)	ND	0.0750	ug/L	0.1	75	2	54	124
A105530-001MSD	508_msd	Heptachlor	ND	0.0819	ug/L	0.1	81.9	0	63	133
A105530-001MSD	508_msd	Heptachlor epoxide	ND	0.0763	ug/L	0.1	76.3	0	52	122
A105530-001MSD	508_msd	Methoxychlor	ND	0.0951	ug/L	0.1	95.1	1	70	140
A105530-001SURR	508_surr	2,4,5,6-tetrachloro-m-xylene		0.112	ug/L	0.1	112		70	130
A105530-001SURR	508_surr	decachlorobiphenyl		0.109	ug/L	0.1	109		70	130
A105530-002SURR	508_surr	2,4,5,6-tetrachloro-m-xylene		0.0950	ug/L	0.1	95		70	130

Note:

ND = Not Detected MS = Matrix Spike MSD = Matrix Spike Duplicate SURR = Surrogate
BL = Blank DUP = Duplicate RPD = Relative Percent Deviation LCS = Laboratory Control Standard



Client: Del Mar Analytical
Project Name: IKH0272

QC Report Date: Monday, September 24, 2001
Project #:

QUALITY CONTROL REPORT

Table with columns: QC Lab#, TestGroup, Parameter, Sample Result, QC Result, Units, Amt. Added/True Value, %R or RPD, %RPD for MSD, Low Limit, High Limit. Contains data for various chemical tests and method blanks.

Note:

ND = Not Detected MS = Matrix Spike MSD = Matrix Spike Duplicate SURR = Surrogate
BL = Blank DUP = Duplicate RPD = Relative Percent Deviation LCS = Laboratory Control Standard



Client: Del Mar Analytical
Project Name: IKH0272

QC Report Date: Monday, September 24, 2001
Project #:

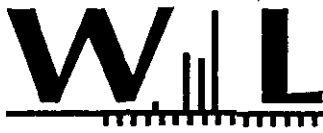
QUALITY CONTROL REPORT

QC Lab#	TestGroup	Parameter	Sample Result	QC Result	Units	Amt. Added/ True Value	%R or RPD	%RPD for MSD	Low Limit	High Limit
Method Blank	508_bl	Aroclor-1232		ND	ug/L		0			0.1
Method Blank	508_bl	Aroclor-1242		ND	ug/L		0			0.1
Method Blank	508_bl	Aroclor-1248		ND	ug/L		0			0.1
Method Blank	508_bl	Aroclor-1254		ND	ug/L		0			0.1
Method Blank	508_bl	Aroclor-1260		ND	ug/L		0			0.1
Method Blank	508_bl	beta-BHC		ND	ug/L		0			0.05
Method Blank	508_bl	Chlordane		ND	ug/L		0			0.1
Method Blank	508_bl	Chlorothalonil		ND	ug/L		0			5
Method Blank	508_bl	delta-BHC		ND	ug/L		0			0.5
Method Blank	508_bl	Dieldrin		ND	ug/L		0			0.02
Method Blank	508_bl	Endosulfan I		ND	ug/L		0			0.02
Method Blank	508_bl	Endosulfan II		ND	ug/L		0			0.01
Method Blank	508_bl	Endosulfan sulfate		ND	ug/L		0			0.05
Method Blank	508_bl	Endrin		ND	ug/L		0			0.1
Method Blank	508_bl	Endrin aldehyde		ND	ug/L		0			0.05
Method Blank	508_bl	gamma-BHC (lindane)		ND	ug/L		0			0.2
Method Blank	508_bl	Heptachlor		ND	ug/L		0			0.01
Method Blank	508_bl	Heptachlor epoxide		ND	ug/L		0			0.01
Method Blank	508_bl	Hexachlorobenzene		ND	ug/L		0			0.5
Method Blank	508_bl	Methoxychlor		ND	ug/L		0			10
Method Blank	508_bl	Propachlor		ND	ug/L		0			0.5
Method Blank	508_bl	Toxaphene		ND	ug/L		0			1
Method Blank	508_bl	Trifluralin		ND	ug/L		0			0.01

Worksheet #:	Lab#:	Test Name	Analyzed Date
WS26885	A105530-001	Organochlorine Pesticides by L-L extract	8/16/01
WS26885	A105530-002	Organochlorine Pesticides by L-L extract	8/16/01
WS26885	A105530-003	Organochlorine Pesticides by L-L extract	8/16/01
WS26885	A105532-001	Organochlorine Pesticides by L-L extract	8/16/01
WS26885	A105534-001	Organochlorine Pesticides by L-L extract	8/16/01
WS26885	A105537-001	Organochlorine Pesticides by L-L extract	8/16/01
WS26885	A105538-001	Organochlorine Pesticides by L-L extract	8/16/01
WS26885	A105539-001	Organochlorine Pesticides by L-L extract	8/16/01

Note:

ND = Not Detected MS = Matrix Spike MSD = Matrix Spike Duplicate SURR = Surrogate
 BL = Blank DUP = Duplicate RPD = Relative Percent Deviation LCS = Laboratory Control Standard



Client: Del Mar Analytical
Project Name: IKH0272

QC Report Date: Monday, September 24, 2001
Project #:

QUALITY CONTROL REPORT

QC Lab#	TestGroup	Parameter	Sample Result	QC Result	Units	Amt. Added/ True Value	%R or RPD	%RPD for MSD	Low Limit	High Limit
A105470-001MS	507_ms	Alachlor		3.61	ug/L	4	0		60	130
A105470-001MS	507_ms	Atrazine		ND	ug/L	1	0		57	127
A105470-001MS	507_ms	Bromacil		20.1	ug/L	20	0		56	126
A105470-001MS	507_ms	Butachlor		1.85	ug/L	2	0		58	128
A105470-001MS	507_ms	Diazinon		1.03	ug/L	1	0		58	128
A105470-001MS	507_ms	Metolachlor		1.66	ug/L	2	0		23	149
A105470-001MS	507_ms	Metribuzin		1.87	ug/L	2	0		66	136
A105470-001MS	507_ms	Molinate		ND	ug/L	1	0		63	133
A105470-001MS	507_ms	Prometryn		ND	ug/L	1	0		58	128
A105470-001MS	507_ms	Simazine		ND	ug/L	1	0		65	135
A105470-001MS	507_ms	Thiobencarb		3.80	ug/L	4	95		26	167
A105470-001MSD	507_msd	Alachlor		3.68	ug/L	4	0		60	130
A105470-001MSD	507_msd	Atrazine		1.05	ug/L	1	0		57	127
A105470-001MSD	507_msd	Bromacil		20.0	ug/L	20	0		56	126
A105470-001MSD	507_msd	Butachlor		1.90	ug/L	2	0		58	128
A105470-001MSD	507_msd	Diazinon		1.15	ug/L	1	0		58	128
A105470-001MSD	507_msd	Metolachlor		1.65	ug/L	2	0		23	149
A105470-001MSD	507_msd	Metribuzin		1.97	ug/L	2	0		66	136
A105470-001MSD	507_msd	Molinate		ND	ug/L	1	0		63	133
A105470-001MSD	507_msd	Prometryn		ND	ug/L	1	0		58	128
A105470-001MSD	507_msd	Simazine		1.06	ug/L	1	0		65	135
A105470-001MSD	507_msd	Thiobencarb		3.68	ug/L	4	91.5	4	26	167
A105510-001SURR	507_sur	1,3-dimethyl-2-nitrobenzene		1.91	ug/L	2.5	76.4		70	130
A105532-001SURR	507_sur	1,3-dimethyl-2-nitrobenzene		1.96	ug/L	2.5	78.4		70	130
A105537-001SURR	507_sur	1,3-dimethyl-2-nitrobenzene		1.91	ug/L	2.5	76.4		70	130
A105538-001SURR	507_sur	1,3-dimethyl-2-nitrobenzene		1.77	ug/L	2.5	70.8		70	130
A105539-001SURR	507_sur	1,3-dimethyl-2-nitrobenzene		1.85	ug/L	2.5	74		70	130
A105565-001SURR	507_sur	1,3-dimethyl-2-nitrobenzene		2.66	ug/L	2.5	106.4		70	130
A105565-002SURR	507_sur	1,3-dimethyl-2-nitrobenzene		1.90	ug/L	2.5	76		70	130
LCS	507_lcs	Alachlor		3.75	ug/L	4	93.8		25	160
LCS	507_lcs	Atrazine		ND	ug/L	1	92.3		22	156
LCS	507_lcs	Bromacil		21.4	ug/L	20	107		28	168
LCS	507_lcs	Butachlor		1.83	ug/L	2	91.5		23	160
LCS	507_lcs	Diazinon		1.08	ug/L	1	108		14	157
LCS	507_lcs	Metolachlor		1.58	ug/L	2	79		34	138
LCS	507_lcs	Metribuzin		1.91	ug/L	2	95.5		44	132
LCS	507_lcs	Molinate		ND	ug/L	1	85.8		24	163

Note:

ND = Not Detected MS = Matrix Spike MSD = Matrix Spike Duplicate SURR = Surrogate
 BL = Blank DUP = Duplicate RPD = Relative Percent Deviation LCS = Laboratory Control Standard



Client: Del Mar Analytical
Project Name: IKH0272

QC Report Date: Monday, September 24, 2001
Project #:

QUALITY CONTROL REPORT

QC Lab#	TestGroup	Parameter	Sample Result	QC Result	Units	Amt. Added/ True Value	%R or RPD	%RPD for MSD	Low Limit	High Limit
LCS	507_lcs	Prometryn		ND	ug/L	1	97.2		21	160
LCS	507_lcs	Simazine		1.02	ug/L	1	102		29	162
LCS	507_lcs	Thiobencarb		4.06	ug/L	4	101.5		33	154
Method Blank	507_bl	Alachlor		ND	ug/L		0			1
Method Blank	507_bl	Atrazine		ND	ug/L		0			1
Method Blank	507_bl	Bromacil		ND	ug/L		0			10
Method Blank	507_bl	Butachlor		ND	ug/L		0			0.38
Method Blank	507_bl	Diazinon		ND	ug/L		0			0.25
Method Blank	507_bl	Dimethoate		ND	ug/L		0			10
Method Blank	507_bl	Metolachlor		ND	ug/L		0			0.5
Method Blank	507_bl	Metribuzin		ND	ug/L		0			0.5
Method Blank	507_bl	Molinate		ND	ug/L		0			2
Method Blank	507_bl	Prometon		ND	ug/L		0			1
Method Blank	507_bl	Prometryn		ND	ug/L		0			2
Method Blank	507_bl	Simazine		ND	ug/L		0			1
Method Blank	507_bl	Thiobencarb		ND	ug/L		0			1

Worksheet #:	Lab#:	Test Name	Analyzed Date
WS26934	A105510-001	Triazine pesticides in drinking water	8/20/01
WS26934	A105532-001	Triazine pesticides in drinking water	8/20/01
WS26934	A105537-001	Triazine pesticides in drinking water	8/20/01
WS26934	A105538-001	Triazine pesticides in drinking water	8/20/01
WS26934	A105539-001	Triazine pesticides in drinking water	8/20/01
WS26934	A105565-001	Triazine pesticides in drinking water	8/20/01
WS26934	A105565-002	Triazine pesticides in drinking water	8/20/01

Note:

ND = Not Detected MS = Matrix Spike MSD = Matrix Spike Duplicate SURR = Surrogate
 BL = Blank DUP = Duplicate RPD = Relative Percent Deviation LCS = Laboratory Control Standard



City of Simi Valley, Water Quality Control Plant Project ID: Semi-annual Monitoring
 2929 Tapo Canyon Road SV Lab# 9083, W12
 Simi Valley, CA 93063 Report Number: IKH0275
 Attention: Barbara Santos

Sampled: 08/07/01
 Received: 08/08/01

METHOD BLANK/QC DATA

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC Limits	RPD RPD	Data Limit	Qualifiers
Batch: 11H1334 Extracted: 08/13/01									
Blank Analyzed: 08/15/01 (11H1334-BLK1)									
Acenaphthene	ND	10	ug/l						
Acenaphthylene	ND	10	ug/l						
Acilene	ND	10	ug/l						
Anthracene	ND	10	ug/l						
Azobenzene	ND	20	ug/l						
Benzidine	ND	100	ug/l						
Benzoic acid	ND	100	ug/l						
Benzo(a)anthracene	ND	10	ug/l						
Benzo(b)fluoranthene	ND	10	ug/l						
Benzo(k)fluoranthene	ND	10	ug/l						
Benzo(g,h,i)perylene	ND	10	ug/l						
Benzo(a)pyrene	ND	10	ug/l						
Benzyl alcohol	ND	20	ug/l						
Bis(2-chloroethoxy)methane	ND	10	ug/l						
Bis(2-chloroethyl)ether	ND	10	ug/l						
Bis(2-chloroisopropyl)ether	ND	10	ug/l						
Bis(2-ethylhexyl)phthalate	ND	100	ug/l						
Bromophenyl phenyl ether	ND	10	ug/l						
Butyl benzyl phthalate	ND	20	ug/l						
Chloroaniline	ND	10	ug/l						
Chloronaphthalene	ND	10	ug/l						
4-Chloro-3-methylphenol	ND	20	ug/l						
2-Chlorophenol	ND	10	ug/l						
Chlorophenyl phenyl ether	ND	10	ug/l						
Chrysene	ND	10	ug/l						
Dibenz(a,h)anthracene	ND	20	ug/l						
2-benzofuran	ND	10	ug/l						
n-butyl phthalate	ND	20	ug/l						
1,3-Dichlorobenzene	ND	10	ug/l						
1,4-Dichlorobenzene	ND	10	ug/l						
1,2-Dichlorobenzene	ND	10	ug/l						
3,3-Dichlorobenzidine	ND	40	ug/l						
2,4-Dichlorophenol	ND	10	ug/l						
Diethyl phthalate	ND	10	ug/l						
1,4-Dimethylphenol	ND	20	ug/l						
Dimethyl phthalate	ND	10	ug/l						

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager



City of Simi Valley, Water Quality Control Plant Project ID: Semi-annual Monitoring
 2929 Tapo Canyon Road SV Lab# 9083, W12
 Simi Valley, CA 93063 Report Number: IKH0275
 Attention: Barbara Santos

Sampled: 08/07/01
 Received: 08/08/01

METHOD BLANK/QC DATA

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 11H1334 Extracted: 08/13/01									
Blank Analyzed: 08/15/01 (11H1334-BLK1)									
2,6-Dinitro-2-methylphenol	ND	40	ug/l						
2,4-Dinitrophenol	ND	100	ug/l						
2,4-Dinitrotoluene	ND	10	ug/l						
2,6-Dinitrotoluene	ND	10	ug/l						
Di-n-octyl phthalate	ND	40	ug/l						
Fluoranthene	ND	10	ug/l						
Fluorene	ND	10	ug/l						
Hexachlorobenzene	ND	10	ug/l						
Hexachlorobutadiene	ND	10	ug/l						
Hexachlorocyclopentadiene	ND	40	ug/l						
Hexachloroethane	ND	10	ug/l						
Indeno(1,2,3-cd)pyrene	ND	20	ug/l						
Isophorone	ND	10	ug/l						
Methylnaphthalene	ND	10	ug/l						
2-Methylphenol	ND	10	ug/l						
4-Methylphenol	ND	10	ug/l						
Phthalene	ND	10	ug/l						
Nitroaniline	ND	20	ug/l						
3-Nitroaniline	ND	20	ug/l						
4-Nitroaniline	ND	100	ug/l						
Toluene	ND	40	ug/l						
2-Nitrophenol	ND	10	ug/l						
4-Nitrophenol	ND	100	ug/l						
Nitrosodiphenylamine	ND	10	ug/l						
n-Nitroso-di-n-propylamine	ND	10	ug/l						
Pentachlorophenol	ND	40	ug/l						
Benanthrene	ND	10	ug/l						
Benol	ND	10	ug/l						
Pyrene	ND	10	ug/l						
1,2,4-Trichlorobenzene	ND	10	ug/l						
1,2,5-Trichlorophenol	ND	20	ug/l						
2,4,6-Trichlorophenol	ND	20	ug/l						
1,2-Diphenylhydrazine	ND	500	ug/l						
Nitrosodimethylamine	ND	20	ug/l						
Cresol	ND	10	ug/l						
Surrogate: 2-Fluorophenol	157		ug/l	200		78.5		30-110	

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager



City of Simi Valley, Water Quality Control Plant Project ID: Semi-annual Monitoring
 2929 Tapo Canyon Road SV Lab# 9083, W12
 Simi Valley, CA 93063 Report Number: IKH0275
 Attention: Barbara Santos

Sampled: 08/07/01
 Received: 08/08/01

METHOD BLANK/QC DATA

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	RPD Limits RPD	RPD Limit	Data Qualifiers
Batch: 11H1334 Extracted: 08/13/01									
Blank Analyzed: 08/15/01 (11H1334-BLK1)									
Surrogate: Phenol-d6	177		ug/l	200		88.5	40-110		
Surrogate: 2,4,6-Tribromophenol	145		ug/l	200		72.5	55-140		
Surrogate: Nitrobenzene-d5	84.6		ug/l	100		84.6	40-110		
Surrogate: 2-Fluorobiphenyl	77.5		ug/l	100		77.5	40-120		
Surrogate: Terphenyl-d14	80.1		ug/l	100		80.1	55-160		
CS Analyzed: 08/15/01 (11H1334-BS1)									
Acenaphthene	78.2	10	ug/l	100		78.2	55-120		
Acenaphthylene	76.5	10	ug/l	100		76.5	55-120		
Aniline	82.0	10	ug/l	100		82.0	30-120		
Anthracene	83.3	10	ug/l	100		83.3	65-120		
Azobenzene	87.9	20	ug/l	100		87.9	50-125		
Benzidine	ND	100	ug/l	100		80.1	10-200		
Benzoic acid	ND	100	ug/l	100		26.3	25-120		
Benzo(a)anthracene	83.5	10	ug/l	100		83.5	70-125		
Benzo(b)fluoranthene	101	10	ug/l	100		101	65-125		
Benzo(k)fluoranthene	97.3	10	ug/l	100		97.3	65-135		
Benzo(g,h,i)perylene	81.4	10	ug/l	100		81.4	25-150		
Benzo(a)pyrene	99.0	10	ug/l	100		99.0	70-125		
Benzyl alcohol	94.1	20	ug/l	100		94.1	45-120		
Bis(2-chloroethoxy)methane	81.9	10	ug/l	100		81.9	50-120		
Bis(2-chloroethyl)ether	85.7	10	ug/l	100		85.7	45-120		
Bis(2-chloroisopropyl)ether	91.2	10	ug/l	100		91.2	36-120		
Bis(2-ethylhexyl)phthalate	ND	100	ug/l	100		90.2	65-140		
Bromophenyl phenyl ether	89.0	10	ug/l	100		89.0	55-120		
Butyl benzyl phthalate	83.6	20	ug/l	100		83.6	70-135		
4-Chloroaniline	80.7	10	ug/l	100		80.7	25-120		
Chloronaphthalene	78.3	10	ug/l	100		78.3	60-118		
4-Chloro-3-methylphenol	94.0	20	ug/l	100		94.0	55-120		
2-Chlorophenol	79.8	10	ug/l	100		79.8	45-120		
Chlorophenyl phenyl ether	83.4	10	ug/l	100		83.4	60-120		
Chrysene	82.5	10	ug/l	100		82.5	70-130		
Dibenz(a,h)anthracene	82.1	20	ug/l	100		82.1	50-130		
2-Benzofuran	80.4	10	ug/l	100		80.4	55-120		
n-butyl phthalate	87.7	20	ug/l	100		87.7	60-118		
1,3-Dichlorobenzene	61.6	10	ug/l	100		61.6	30-120		
1,4-Dichlorobenzene	66.9	10	ug/l	100		66.9	35-120		

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager



City of Simi Valley, Water Quality Control Plant 2929 Tapo Canyon Road Simi Valley, CA 93063 Attention: Barbara Santos	Project ID: Semi-annual Monitoring SV Lab# 9083, W12 Report Number: IKH0275	Sampled: 08/07/01 Received: 08/08/01
---	---	---

METHOD BLANK/QC DATA

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	RPD Limits RPD	RPD Limit	Data Qualifiers
Batch: 11H1334 Extracted: 08/13/01									
CS Analyzed: 08/15/01 (11H1334-BS1)									
1,2-Dichlorobenzene	68.8	10	ug/l	100	68.8	45-120			
1,3-Dichlorobenzidine	68.2	40	ug/l	100	68.2	35-145			
1,4-Dichlorophenol	76.7	10	ug/l	100	76.7	50-120			
Diethyl phthalate	84.9	10	ug/l	100	84.9	65-114			
2,4-Dimethylphenol	59.0	20	ug/l	100	59.0	32-119			
Dimethyl phthalate	81.8	10	ug/l	100	81.8	65-112			
2,5-Dinitro-2-methylphenol	75.4	40	ug/l	100	75.4	65-125			
2,4-Dinitrophenol	ND	100	ug/l	100	50.8	40-125			
2,4-Dinitrotoluene	84.8	10	ug/l	100	84.8	65-120			
2,6-Dinitrotoluene	83.3	10	ug/l	100	83.3	65-120			
Di-n-octyl phthalate	115	40	ug/l	100	115	55-146			
Fluoranthene	84.7	10	ug/l	100	84.7	70-120			
Fluorene	80.9	10	ug/l	100	80.9	59-120			
Hexachlorobenzene	79.4	10	ug/l	100	79.4	60-120			
Hexachlorobutadiene	68.2	10	ug/l	100	68.2	35-116			
Hexachlorocyclopentadiene	ND	40	ug/l	100	17.1	10-120			
Hexachloroethane	69.2	10	ug/l	100	69.2	40-113			
Benzo(1,2,3-cd)pyrene	83.6	20	ug/l	100	83.6	40-135			
Isophorone	83.0	10	ug/l	100	83.0	50-120			
1-Methylnaphthalene	76.0	10	ug/l	100	76.0	55-120			
2-Methylphenol	86.5	10	ug/l	100	86.5	45-120			
4-Methylphenol	89.0	10	ug/l	100	89.0	45-120			
Naphthalene	76.2	10	ug/l	100	76.2	45-120			
2-Nitroaniline	101	20	ug/l	100	101	50-135			
3-Nitroaniline	79.1	20	ug/l	100	79.1	50-125			
4-Nitroaniline	ND	100	ug/l	100	87.7	55-140			
Toluene	82.5	40	ug/l	100	82.5	45-120			
2-Nitrophenol	82.5	10	ug/l	100	82.5	50-120			
4-Nitrophenol	ND	100	ug/l	100	84.2	50-132			
N-Nitrosodiphenylamine	81.6	10	ug/l	100	81.6	45-120			
N-Nitroso-di-n-propylamine	93.0	10	ug/l	100	93.0	45-125			
Pentachlorophenol	63.3	40	ug/l	100	63.3	50-130			
Phenanthrene	79.6	10	ug/l	100	79.6	65-120			
Phenol	80.2	10	ug/l	100	80.2	35-112			
Pyrene	75.1	10	ug/l	100	75.1	65-115			
1,2,4-Trichlorobenzene	67.8	10	ug/l	100	67.8	50-120			

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager



Del Mar Analytical

2852 Alton Ave., Irvine, CA 92606 (949) 261-1022 FAX (949) 261-1228
 1014 E. Coldby Dr., Suite A, Colton, CA 92324 (909) 370-4667 FAX (909) 370-1046
 7277 Hayvenhurst, Suite B-12, Van Nuys, CA 91406 (818) 779-1844 FAX (818) 779-1843
 9484 Chesapeake Dr., Suite 805, San Diego, CA 92123 (858) 505-8596 FAX (858) 505-9589
 9830 South 51st St., Suite B-120, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0851

City of Simi Valley, Water Quality Control Plant Project ID: Semi-annual Monitoring
 2929 Tapo Canyon Road SV Lab# 9083, W12
 Simi Valley, CA 93063 Report Number: IKH0275
 Attention: Barbara Santos

Sampled: 08/07/01
 Received: 08/08/01

METHOD BLANK/QC DATA

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	RPD Limits RPD	RPD Limit	Data Qualifiers
Batch: 11H1334 Extracted: 08/13/01									
CS Analyzed: 08/15/01 (11H1334-BS1)									
2,4,5-Trichlorophenol	80.7	20	ug/l	100	80.7	55-120			
2,4,6-Trichlorophenol	79.2	20	ug/l	100	79.2	55-120			
Surrogate: 2-Fluorophenol	159		ug/l	200	79.5	30-110			
Surrogate: Phenol-d6	181		ug/l	200	90.5	40-110			
Surrogate: 2,4,6-Tribromophenol	168		ug/l	200	84.0	55-140			
Surrogate: Nitrobenzene-d5	87.5		ug/l	100	87.5	40-110			
Surrogate: 2-Fluorobiphenyl	79.6		ug/l	100	79.6	40-120			
Surrogate: Terphenyl-d14	84.3		ug/l	100	84.3	55-160			
LCS Dup Analyzed: 08/15/01 (11H1334-BSD1)									
Naphthalene	82.9	10	ug/l	100	82.9	55-120	5.83	35	M-NR1
Naphthalene	80.0	10	ug/l	100	80.0	55-120	4.47	20	
Aniline	84.2	10	ug/l	100	84.2	30-120	2.65	40	
Anthracene	89.2	10	ug/l	100	89.2	65-120	6.84	15	
Toluene	87.1	20	ug/l	100	87.1	50-125	0.914	15	
Benzidine	ND	100	ug/l	100		10-200		35	L2,R2
Benzoic acid	ND	100	ug/l	100	41.6	25-120	45.1	40	R7
Benzo(a)anthracene	87.8	10	ug/l	100	87.8	70-125	5.02	20	
Benzo(b)fluoranthene	105	10	ug/l	100	105	65-125	3.88	20	
Benzo(k)fluoranthene	106	10	ug/l	100	106	65-135	8.56	25	
Benzo(g,h,i)perylene	85.9	10	ug/l	100	85.9	25-150	5.38	25	
Benzo(a)pyrene	104	10	ug/l	100	104	70-125	4.93	15	
Benzyl alcohol	98.4	20	ug/l	100	98.4	45-120	4.47	25	
Bis(2-chloroethoxy)methane	85.5	10	ug/l	100	85.5	50-120	4.30	25	
Bis(2-chloroethyl)ether	91.4	10	ug/l	100	91.4	45-120	6.44	25	
Bis(2-chloroisopropyl)ether	95.5	10	ug/l	100	95.5	36-120	4.61	25	
Bis(2-ethylhexyl)phthalate	ND	100	ug/l	100	91.1	65-140	0.993	15	
4-Bromophenyl phenyl ether	96.0	10	ug/l	100	96.0	55-120	7.57	20	
Butyl benzyl phthalate	90.5	20	ug/l	100	90.5	70-135	7.93	15	
4-Chloroaniline	81.6	10	ug/l	100	81.6	25-120	1.11	50	
1-Chloronaphthalene	83.7	10	ug/l	100	83.7	60-118	6.67	25	
2-Chloro-3-methylphenol	102	20	ug/l	100	102	55-120	8.16	25	
2-Chlorophenol	86.5	10	ug/l	100	86.5	45-120	8.06	25	
1-Chlorophenyl phenyl ether	85.7	10	ug/l	100	85.7	60-120	2.72	20	
Chrysene	87.1	10	ug/l	100	87.1	70-130	5.42	10	
Dibenz(a,h)anthracene	85.9	20	ug/l	100	85.9	50-130	4.52	15	
Dibenzofuran	84.7	10	ug/l	100	84.7	55-120	5.21	25	

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager



City of Simi Valley, Water Quality Control Plant Project ID: Semi-annual Monitoring
 2929 Tapo Canyon Road SV Lab# 9083, W12
 Simi Valley, CA 93063 Report Number: IKH0275
 Attention: Barbara Santos Sampled: 08/07/01
 Received: 08/08/01

METHOD BLANK/QC DATA

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC Limits	RPD RPD	RPD Limit	Data Qualifiers
Batch: 11H1334 Extracted: 08/13/01									
CS Dup Analyzed: 08/15/01 (11H1334-BSD1)									
n-butyl phthalate	93.4	20	ug/l	100	93.4	60-118	6.29	10	M-NR1
1,3-Dichlorobenzene	66.6	10	ug/l	100	66.6	30-120	7.80	30	
2,4-Dichlorobenzene	71.7	10	ug/l	100	71.7	35-120	6.93	25	
2,5-Dichlorobenzene	74.6	10	ug/l	100	74.6	45-120	8.09	25	
3,3-Dichlorobenzidine	49.5	40	ug/l	100	49.5	35-145	31.8	25	R7
2,4-Dichlorophenol	82.6	10	ug/l	100	82.6	50-120	7.41	25	
Methyl phthalate	87.5	10	ug/l	100	87.5	65-114	3.02	15	
2,4-Dimethylphenol	85.6	20	ug/l	100	85.6	32-119	36.8	30	R7
Dimethyl phthalate	85.2	10	ug/l	100	85.2	65-112	4.07	20	
2,4-Dinitro-2-methylphenol	85.7	40	ug/l	100	85.7	65-125	12.8	20	
2,4-Dinitrophenol	ND	100	ug/l	100	70.7	40-125	32.8	30	R7
2,4-Dinitrotoluene	86.3	10	ug/l	100	86.3	65-120	1.75	20	
2,6-Dinitrotoluene	87.7	10	ug/l	100	87.7	65-120	5.15	20	
n-octyl phthalate	117	40	ug/l	100	117	55-146	1.72	20	
Fluoranthene	88.9	10	ug/l	100	88.9	70-120	4.84	15	
Fluorene	83.6	10	ug/l	100	83.6	59-120	3.28	30	
Hexachlorobenzene	85.9	10	ug/l	100	85.9	60-120	7.86	15	
Hexachlorobutadiene	72.4	10	ug/l	100	72.4	35-116	5.97	25	
Hexachlorocyclopentadiene	ND	40	ug/l	100	23.9	10-120	33.2	35	
Hexachloroethane	73.3	10	ug/l	100	73.3	40-113	5.75	25	
Benzo(1,2,3-cd)pyrene	85.7	20	ug/l	100	85.7	40-135	2.48	20	
Isophorone	89.2	10	ug/l	100	89.2	50-120	7.20	20	
1-Methylnaphthalene	81.5	10	ug/l	100	81.5	55-120	6.98	20	
2-Methylphenol	94.8	10	ug/l	100	94.8	45-120	9.16	25	
4-Methylphenol	98.4	10	ug/l	100	98.4	45-120	10.0	25	
Naphthalene	82.2	10	ug/l	100	82.2	45-120	7.58	25	
1-Nitroaniline	103	20	ug/l	100	103	50-135	1.96	15	
3-Nitroaniline	75.9	20	ug/l	100	75.9	50-125	4.13	20	
4-Nitroaniline	ND	100	ug/l	100	81.7	55-140	7.08	15	
1-Tolubenzene	89.0	40	ug/l	100	89.0	45-120	7.58	25	
2-Nitrophenol	91.4	10	ug/l	100	91.4	50-120	10.2	50	
4-Nitrophenol	ND	100	ug/l	100	77.0	50-132	8.93	30	
Nitrosodiphenylamine	57.0	10	ug/l	100	57.0	45-120	35.5	20	R7
Nitroso-di-n-propylamine	98.0	10	ug/l	100	98.0	45-125	5.24	25	
Pentachlorophenol	76.1	40	ug/l	100	76.1	50-130	18.4	45	
Phenanthrene	86.6	10	ug/l	100	86.6	65-120	8.42	20	

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager



City of Simi Valley, Water Quality Control Plant Project ID: Semi-annual Monitoring
 2929 Tapo Canyon Road SV Lab# 9083, W12
 Simi Valley, CA 93063 Report Number: IKH0275
 Attention: Barbara Santos

Sampled: 08/07/01
 Received: 08/08/01

METHOD BLANK/QC DATA

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limits RPD	RPD Limit	Data Qualifiers
Batch: I1H1334 Extracted: 08/13/01									
CS Dup Analyzed: 08/15/01 (I1H1334-bsd1)									
Phenol	84.5	10	ug/l	100		84.5	35-112	5.22	25 M-NR1
Pyrene	83.6	10	ug/l	100		83.6	65-115	10.7	15
2,4-Trichlorobenzene	73.6	10	ug/l	100		73.6	50-120	8.20	25
4,5-Trichlorophenol	86.1	20	ug/l	100		86.1	55-120	6.47	35
2,4,6-Trichlorophenol	85.0	20	ug/l	100		85.0	55-120	7.06	25
Surrogate: 2-Fluorophenol	165		ug/l	200		82.5	30-110		
Surrogate: Phenol-d6	179		ug/l	200		89.5	40-110		
Surrogate: 2,4,6-Tribromophenol	174		ug/l	200		87.0	55-140		
Surrogate: Nitrobenzene-d5	89.1		ug/l	100		89.1	40-110		
Surrogate: 2-Fluorobiphenyl	80.3		ug/l	100		80.3	40-120		
Surrogate: Terphenyl-d14	85.7		ug/l	100		85.7	55-160		

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager



City of Simi Valley, Water Quality Control Plant 2929 Tapo Canyon Road Simi Valley, CA 93063 Attention: Barbara Santos	Project ID: Semi-annual Monitoring SV Lab# 9083, W12 Report Number: IKH0275	Sampled: 08/07/01 Received: 08/08/01
---	---	---

DATA QUALIFIERS AND DEFINITIONS

- L2** Laboratory Control Sample recovery was below method control limits. See Corrective Action Report.
- M-NR1** There was no MS/MSD analyzed with this batch due to insufficient sample volume. See Blank Spike/Blank Spike Duplicate.
- R2** The RPD exceeded the method control limit. See Corrective Action Report.
- R7** LFB/LFBD RPD exceeded the method control limit. Recovery met acceptance criteria.
- ND** Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.
- NR** Not reported.
- RPD** Relative Percent Difference



City of Simi Valley, Water Quality Control Plant 2929 Tapo Canyon Road Simi Valley, CA 93063 Attention: Barbara Santos	Project ID: Semi-annual Monitoring SV Lab# 9083, W12 Report Number: IKH0275	Sampled: 08/07/01 Received: 08/08/01
---	---	---

METHOD BLANK/QC DATA

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS (EPA 418.1)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limits RPD	RPD Limit	Data Qualifiers
Batch: 11H0936 Extracted: 08/09/01									
Blank Analyzed: 08/09/01 (11H0936-BLK1)									
Total Recoverable Hydrocarbons	ND	1.0	mg/l						
LCS Analyzed: 08/09/01 (11H0936-BS1)									
Total Recoverable Hydrocarbons	4.78	1.0	mg/l	5.00		95.6	80-120		M-NRI
LCS Dup Analyzed: 08/09/01 (11H0936-BSD1)									
Total Recoverable Hydrocarbons	4.50	1.0	mg/l	5.00		90.0	80-120	6.03	15 M-NRI

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical.

City of Simi Valley, Water Quality Control Plant
 2929 Tapo Canyon Rd.
 Simi Valley, CA 93063

Project:
Semi-Annual Test/Quarterly W12
 Lab ID No. **9083**

PO# **45-2855**

Project Manager:
Barbara Santos

Phone: **805/583-6446**
 FAX: **805/583-6402**

Sampler:

507-N + P pesticides

508- Cl pest. & PCBs

625

TRPH 418.1

Arsenic, Cd, Cr, Cu, Ni, Pb, Zn

MBAS *

Oil & Grease *

Special Instructions

Sample Description	Sample Matrix	Sampling Date/Time	Container Type	# of Containers	Preservative																
W12 Comp.	AQ	8/6/01	1L amber	2	none	X															1L extra
W12 Comp.	AQ	8/7/01	1L amber	2	none		X														1L extra
W12 Comp.	AQ		1L amber	2	none			X													1L extra
W12 Comp.	AQ		1L amber	1	HCl				X												
W12 Comp.	AQ		500mL poly	1	HNO3					X											
W12 Comp.	AQ		500mL poly	1	none						X										* Quarterly testing
W12 Comp.	AQ		1L amber	1	HCl							X									

-18-

Relinquished By: *[Signature]* Date/Time: **8/8/01 10:35**
 Relinquished By: *[Signature]* Date/Time: **8-8-01 1240**

Received By: *[Signature]* Date/Time: **8-8-01 1035**
 Received By: *[Signature]* Date/Time: **8/8/01 1240**

Turnaround Time: (Check)
 Same Day 72 Hours
 24 Hours 5 Days
 48 Hours Normal
 Sample Integrity:
 Intact On Ice **4**



Del Mar Analytical

2852 Alton Ave., Irvine, CA 92606 (949) 261-1022 FAX (949) 261-1228
 1014 E. Coldby Dr., Suite A, Colton, CA 92324 (909) 370-4667 FAX (909) 370-1046
 7277 Hayvenhurst, Suite B-12, Van Nuys, CA 91406 (818) 779-1844 FAX (818) 779-1843
 9484 Chesapeake Dr., Suite 805, San Diego, CA 92123 (858) 505-8596 FAX (858) 505-9589
 9830 South 51st St., Suite B-120, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0851

City of Simi Valley, Water Quality Control Plant Project ID: Semi-annual Monitoring
 2929 Tapo Canyon Road SV Lab# 9085, W11
 Simi Valley, CA 93063 Report Number: IKH0274
 Attention: Barbara Santos

Sampled: 08/07/01
 Received: 08/08/01

METHOD BLANK/QC DATA

METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	RPD Limits RPD	RPD Limit	Data Qualifiers
Batch: 11H1323 Extracted: 08/13/01									
Blank Analyzed: 08/13/01 (11H1323-BLK1)									
Arsenic	ND	0.0050	mg/l						
Cadmium	ND	0.0050	mg/l						
Chromium	ND	0.0050	mg/l						
Copper	ND	0.010	mg/l						
Lead	ND	0.0050	mg/l						
Nickel	ND	0.010	mg/l						
Zinc	ND	0.020	mg/l						
LCS Analyzed: 08/13/01 (11H1323-BS1)									
Arsenic	0.521	0.0050	mg/l	0.500		104	85-115		
Cadmium	0.514	0.0050	mg/l	0.500		103	85-115		
Chromium	0.508	0.0050	mg/l	0.500		102	85-115		
Copper	0.501	0.010	mg/l	0.500		100	85-115		
Lead	0.514	0.0050	mg/l	0.500		103	85-115		
Nickel	0.516	0.010	mg/l	0.500		103	85-115		
Zinc	0.509	0.020	mg/l	0.500		102	85-115		
Matrix Spike Analyzed: 08/13/01 (11H1323-MS1) Source: IKH0269-01									
Arsenic	0.530	0.0050	mg/l	0.500	ND	106	70-130		
Cadmium	0.510	0.0050	mg/l	0.500	ND	102	70-130		
Chromium	0.505	0.0050	mg/l	0.500	ND	101	70-130		
Copper	0.527	0.010	mg/l	0.500	ND	104	70-130		
Lead	0.505	0.0050	mg/l	0.500	ND	101	70-130		
Nickel	0.512	0.010	mg/l	0.500	ND	101	70-130		
Zinc	0.548	0.020	mg/l	0.500	0.041	101	70-130		
Matrix Spike Dup Analyzed: 08/13/01 (11H1323-MSD1) Source: IKH0269-01									
Arsenic	0.544	0.0050	mg/l	0.500	ND	109	70-130	2.61	20
Cadmium	0.525	0.0050	mg/l	0.500	ND	105	70-130	2.90	20
Chromium	0.511	0.0050	mg/l	0.500	ND	102	70-130	1.18	20
Copper	0.543	0.010	mg/l	0.500	ND	107	70-130	2.99	20
Lead	0.513	0.0050	mg/l	0.500	ND	103	70-130	1.57	20
Nickel	0.524	0.010	mg/l	0.500	ND	104	70-130	2.32	20
Zinc	0.568	0.020	mg/l	0.500	0.041	105	70-130	3.58	20

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager



City of Simi Valley, Water Quality Control Plant Project ID: Semi-annual Monitoring
 2929 Tapo Canyon Road SV Lab# 9085, W11
 Simi Valley, CA 93063 Report Number: IKH0274
 Attention: Barbara Santos

Sampled: 08/07/01
 Received: 08/08/01

METHOD BLANK/QC DATA

INORGANICS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limits RPD	RPD Limit	Data Qualifiers
Batch: 11H0862 Extracted: 08/08/01									
Blank Analyzed: 08/08/01 (11H0862-BLK1)									
Surfactants (MBAS)	ND	0.10	mg/l						
LCS Analyzed: 08/08/01 (11H0862-BS1)									
Surfactants (MBAS)	0.246	0.10	mg/l	0.250		98.4	90-110		
Matrix Spike Analyzed: 08/08/01 (11H0862-MS1)									
Surfactants (MBAS)	0.290	0.10	mg/l	0.250	ND	88.4	50-125		
Matrix Spike Dup Analyzed: 08/08/01 (11H0862-MSD1)									
Surfactants (MBAS)	0.283	0.10	mg/l	0.250	ND	85.6	50-125	2.44	20
Batch: 11H1034 Extracted: 08/10/01									
Blank Analyzed: 08/10/01 (11H1034-BLK1)									
Oil & Grease	ND	5.0	mg/l						
LCS Analyzed: 08/10/01 (11H1034-BS1)									
Oil & Grease	20.2	5.0	mg/l	20.0		101	80-120		M-NRI
LCS Dup Analyzed: 08/10/01 (11H1034-BSD1)									
Oil & Grease	20.0	5.0	mg/l	20.0		100	80-120	0.995	20 M-NRI

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager



Client: Del Mar Analytical
Project Name: IKH0272

QC Report Date: Monday, September 24, 2001
Project #:

QUALITY CONTROL REPORT

QC Lab#	TestGroup	Parameter	Sample Result	QC Result	Units	Amt. Added/ True Value	%R or RPD	%RPD for MSD	Low Limit	High Limit
A105530-001MS	508_ms	4,4'-DDD	ND	0.0783	ug/L	0.1	78.3		72	142
A105530-001MS	508_ms	4,4'-DDE	ND	0.0763	ug/L	0.1	76.3		64	134
A105530-001MS	508_ms	4,4'-DDT	ND	0.0892	ug/L	0.1	89.2		77	147
A105530-001MS	508_ms	Aldrin	ND	0.0783	ug/L	0.1	78.3		51	121
A105530-001MS	508_ms	alpha-BHC	ND	0.0733	ug/L	0.1	73.3		57	127
A105530-001MS	508_ms	beta-BHC	ND	0.0757	ug/L	0.1	75.7		60	130
A105530-001MS	508_ms	delta-BHC	ND	0.0795	ug/L	0.1	79.5		67	137
A105530-001MS	508_ms	Dieldrin	ND	0.0770	ug/L	0.1	77		52	122
A105530-001MS	508_ms	Endosulfan I	ND	0.0781	ug/L	0.1	78.1		52	122
A105530-001MS	508_ms	Endosulfan II	ND	0.0802	ug/L	0.1	80.2		57	127
A105530-001MS	508_ms	Endosulfan sulfate	ND	0.0994	ug/L	0.1	99.4		67	137
A105530-001MS	508_ms	Endrin	ND	0.0957	ug/L	0.1	95.7		53	123
A105530-001MS	508_ms	Endrin aldehyde	ND	0.0828	ug/L	0.1	82.8		53	123
A105530-001MS	508_ms	gamma-BHC (lindane)	ND	0.0733	ug/L	0.1	73.3		54	124
A105530-001MS	508_ms	Heptachlor	ND	0.0818	ug/L	0.1	81.8		63	133
A105530-001MS	508_ms	Heptachlor epoxide	ND	0.0760	ug/L	0.1	76		52	122
A105530-001MS	508_ms	Methoxychlor	ND	0.0941	ug/L	0.1	94.1		70	140
A105530-001MSD	508_msd	4,4'-DDD	ND	0.0791	ug/L	0.1	79.1	1	72	142
A105530-001MSD	508_msd	4,4'-DDE	ND	0.0768	ug/L	0.1	76.8	1	64	134
A105530-001MSD	508_msd	4,4'-DDT	ND	0.0900	ug/L	0.1	90	1	77	147
A105530-001MSD	508_msd	Aldrin	ND	0.0776	ug/L	0.1	77.6	1	51	121
A105530-001MSD	508_msd	alpha-BHC	ND	0.0727	ug/L	0.1	72.7	1	57	127
A105530-001MSD	508_msd	beta-BHC	ND	0.0755	ug/L	0.1	75.5	0	60	130
A105530-001MSD	508_msd	delta-BHC	ND	0.0808	ug/L	0.1	80.8	2	67	137
A105530-001MSD	508_msd	Dieldrin	ND	0.0776	ug/L	0.1	77.6	1	52	122
A105530-001MSD	508_msd	Endosulfan I	ND	0.0781	ug/L	0.1	78.1	0	52	122
A105530-001MSD	508_msd	Endosulfan II	ND	0.0806	ug/L	0.1	80.6	0	57	127
A105530-001MSD	508_msd	Endosulfan sulfate	ND	0.0972	ug/L	0.1	97.2	2	67	137
A105530-001MSD	508_msd	Endrin	ND	0.0965	ug/L	0.1	96.5	1	53	123
A105530-001MSD	508_msd	Endrin aldehyde	ND	0.0835	ug/L	0.1	83.5	1	53	123
A105530-001MSD	508_msd	gamma-BHC (lindane)	ND	0.0750	ug/L	0.1	75	2	54	124
A105530-001MSD	508_msd	Heptachlor	ND	0.0819	ug/L	0.1	81.9	0	63	133
A105530-001MSD	508_msd	Heptachlor epoxide	ND	0.0763	ug/L	0.1	76.3	0	52	122
A105530-001MSD	508_msd	Methoxychlor	ND	0.0951	ug/L	0.1	95.1	1	70	140
A105530-001SURR	508_surr	2,4,5,6-tetrachloro-m-xylene		0.112	ug/L	0.1	112		70	130
A105530-001SURR	508_surr	decachlorobiphenyl		0.109	ug/L	0.1	109		70	130
A105530-002SURR	508_surr	2,4,5,6-tetrachloro-m-xylene		0.0950	ug/L	0.1	95		70	130

Note:

ND = Not Detected MS = Matrix Spike MSD = Matrix Spike Duplicate SURR = Surrogate
 BL = Blank DUP = Duplicate RPD = Relative Percent Deviation LCS = Laboratory Control Standard



Client: Del Mar Analytical
Project Name: IKH0272

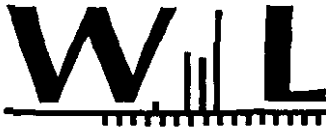
QC Report Date: Monday, September 24, 2001
Project #:

QUALITY CONTROL REPORT

QC Lab#	TestGroup	Parameter	Sample Result	QC Result	Units	Amt. Added/ True Value	%R or RPD	%RPD for MSD	Low Limit	High Limit
A105530-002SURR	508_surr	decachlorobiphenyl		0.110	ug/L	0.1	110		70	130
A105530-003SURR	508_surr	2,4,5,6-tetrachloro-m-xylene		0.103	ug/L	0.1	103		70	130
A105530-003SURR	508_surr	decachlorobiphenyl		0.112	ug/L	0.1	112		70	130
A105532-001SURR	508_surr	2,4,5,6-tetrachloro-m-xylene		0.0960	ug/L	0.1	96		70	130
A105532-001SURR	508_surr	decachlorobiphenyl		0.118	ug/L	0.1	118		70	130
A105534-001SURR	508_surr	2,4,5,6-tetrachloro-m-xylene		0.106	ug/L	0.1	106		70	130
A105534-001SURR	508_surr	decachlorobiphenyl		0.125	ug/L	0.1	125		70	130
A105537-001SURR	508_surr	2,4,5,6-tetrachloro-m-xylene		0.0840	ug/L	0.1	84		70	130
A105537-001SURR	508_surr	decachlorobiphenyl		0.0990	ug/L	0.1	99		70	130
A105538-001SURR	508_surr	2,4,5,6-tetrachloro-m-xylene		0.107	ug/L	0.1	107		70	130
A105538-001SURR	508_surr	decachlorobiphenyl		0.100	ug/L	0.1	100		70	130
A105539-001SURR	508_surr	2,4,5,6-tetrachloro-m-xylene		0.101	ug/L	0.1	101		70	130
A105539-001SURR	508_surr	decachlorobiphenyl		0.118	ug/L	0.1	118		70	130
LCS	508_lcs	4,4'-DDD		0.0765	ug/L	0.1	76.5		45	130
LCS	508_lcs	4,4'-DDE		0.0741	ug/L	0.1	74.1		48	126
LCS	508_lcs	4,4'-DDT		0.0841	ug/L	0.1	84.1		33	146
LCS	508_lcs	Aldrin		0.0713	ug/L	0.1	71.3		40	129
LCS	508_lcs	alpha-BHC		0.0735	ug/L	0.1	73.5		34	127
LCS	508_lcs	beta-BHC		0.0723	ug/L	0.1	72.3		41	141
LCS	508_lcs	delta-BHC		0.0781	ug/L	0.1	78.1		34	139
LCS	508_lcs	Dieldrin		0.0754	ug/L	0.1	75.4		47	128
LCS	508_lcs	Endosulfan I		0.0774	ug/L	0.1	77.4		49	123
LCS	508_lcs	Endosulfan II		0.0792	ug/L	0.1	79.2		50	117
LCS	508_lcs	Endosulfan sulfate		0.0979	ug/L	0.1	97.9		31	211
LCS	508_lcs	Endrin		0.0915	ug/L	0.1	91.5		32	163
LCS	508_lcs	Endrin aldehyde		0.0789	ug/L	0.1	78.9		40	139
LCS	508_lcs	gamma-BHC (lindane)		0.0721	ug/L	0.1	72.1		42	134
LCS	508_lcs	Heptachlor		0.0790	ug/L	0.1	79		35	151
LCS	508_lcs	Heptachlor epoxide		0.0760	ug/L	0.1	76		53	128
LCS	508_lcs	Methoxychlor		0.0904	ug/L	0.1	90.4		64	146
Method Blank	508_bl	4,4'-DDD		ND	ug/L		0			0.02
Method Blank	508_bl	4,4'-DDE		ND	ug/L		0			0.01
Method Blank	508_bl	4,4'-DDT		ND	ug/L		0			0.02
Method Blank	508_bl	Aldrin		ND	ug/L		0			0.08
Method Blank	508_bl	alpha-BHC		ND	ug/L		0			0.05
Method Blank	508_bl	Aroclor-1016		ND	ug/L		0			0.1
Method Blank	508_bl	Aroclor-1221		ND	ug/L		0			0.1

Note:

ND = Not Detected MS = Matrix Spike MSD = Matrix Spike Duplicate SURR = Surrogate
 BL = Blank DUP = Duplicate RPD = Relative Percent Deviation LCS = Laboratory Control Standard



Client: Del Mar Analytical
Project Name: IKH0272

QC Report Date: Monday, September 24, 2001
Project #:

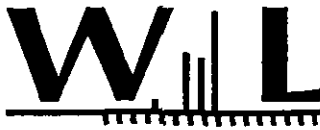
QUALITY CONTROL REPORT

QC Lab#	TestGroup	Parameter	Sample Result	QC Result	Units	Amt. Added/ True Value	%R or RPD	%RPD for MSD	Low Limit	High Limit
Method Blank	508_bl	Aroclor-1232		ND	ug/L			0		0.1
Method Blank	508_bl	Aroclor-1242		ND	ug/L			0		0.1
Method Blank	508_bl	Aroclor-1248		ND	ug/L			0		0.1
Method Blank	508_bl	Aroclor-1254		ND	ug/L			0		0.1
Method Blank	508_bl	Aroclor-1260		ND	ug/L			0		0.1
Method Blank	508_bl	beta-BHC		ND	ug/L			0		0.05
Method Blank	508_bl	Chlordane		ND	ug/L			0		0.1
Method Blank	508_bl	Chlorothalonil		ND	ug/L			0		5
Method Blank	508_bl	delta-BHC		ND	ug/L			0		0.5
Method Blank	508_bl	Dieldrin		ND	ug/L			0		0.02
Method Blank	508_bl	Endosulfan I		ND	ug/L			0		0.02
Method Blank	508_bl	Endosulfan II		ND	ug/L			0		0.01
Method Blank	508_bl	Endosulfan sulfate		ND	ug/L			0		0.05
Method Blank	508_bl	Endrin		ND	ug/L			0		0.1
Method Blank	508_bl	Endrin aldehyde		ND	ug/L			0		0.05
Method Blank	508_bl	gamma-BHC (lindane)		ND	ug/L			0		0.2
Method Blank	508_bl	Heptachlor		ND	ug/L			0		0.01
Method Blank	508_bl	Heptachlor epoxide		ND	ug/L			0		0.01
Method Blank	508_bl	Hexachlorobenzene		ND	ug/L			0		0.5
Method Blank	508_bl	Methoxychlor		ND	ug/L			0		10
Method Blank	508_bl	Propachlor		ND	ug/L			0		0.5
Method Blank	508_bl	Toxaphene		ND	ug/L			0		1
Method Blank	508_bl	Trifluralin		ND	ug/L			0		0.01

Worksheet #:	Lab#:	Test Name	Analyzed Date
WS26885	A105530-001	Organochlorine Pesticides by L-L extract	8/16/01
WS26885	A105530-002	Organochlorine Pesticides by L-L extract	8/16/01
WS26885	A105530-003	Organochlorine Pesticides by L-L extract	8/16/01
WS26885	A105532-001	Organochlorine Pesticides by L-L extract	8/16/01
WS26885	A105534-001	Organochlorine Pesticides by L-L extract	8/16/01
WS26885	A105537-001	Organochlorine Pesticides by L-L extract	8/16/01
WS26885	A105538-001	Organochlorine Pesticides by L-L extract	8/16/01
WS26885	A105539-001	Organochlorine Pesticides by L-L extract	8/16/01

Note:

ND = Not Detected MS = Matrix Spike MSD = Matrix Spike Duplicate SURR = Surrogate
BL = Blank DUP = Duplicate RPD = Relative Percent Deviation LCS = Laboratory Control Standard



Client: Del Mar Analytical
 Project Name: IKH0272

QC Report Date: Monday, September 24, 2001
 Project #:

QUALITY CONTROL REPORT

QC Lab#	TestGroup	Parameter	Sample Result	QC Result	Units	Amt. Added/ True Value	%R or RPD	%RPD for MSD	Low Limit	High Limit
A105470-001MS	507_ms	Alachlor		3.61	ug/L	4	0		60	130
A105470-001MS	507_ms	Atrazine		ND	ug/L	1	0		57	127
A105470-001MS	507_ms	Bromacil		20.1	ug/L	20	0		56	126
A105470-001MS	507_ms	Butachlor		1.85	ug/L	2	0		58	128
A105470-001MS	507_ms	Diazinon		1.03	ug/L	1	0		58	128
A105470-001MS	507_ms	Metolachlor		1.66	ug/L	2	0		23	149
A105470-001MS	507_ms	Metribuzin		1.87	ug/L	2	0		66	136
A105470-001MS	507_ms	Molinate		ND	ug/L	1	0		63	133
A105470-001MS	507_ms	Prometryn		ND	ug/L	1	0		58	128
A105470-001MS	507_ms	Simazine		ND	ug/L	1	0		65	135
A105470-001MS	507_ms	Thiobencarb		3.80	ug/L	4	95		26	167
A105470-001MSD	507_msd	Alachlor		3.68	ug/L	4	0		60	130
A105470-001MSD	507_msd	Atrazine		1.05	ug/L	1	0		57	127
A105470-001MSD	507_msd	Bromacil		20.0	ug/L	20	0		56	126
A105470-001MSD	507_msd	Butachlor		1.90	ug/L	2	0		58	128
A105470-001MSD	507_msd	Diazinon		1.15	ug/L	1	0		58	128
A105470-001MSD	507_msd	Metolachlor		1.65	ug/L	2	0		23	149
A105470-001MSD	507_msd	Metribuzin		1.97	ug/L	2	0		66	136
A105470-001MSD	507_msd	Molinate		ND	ug/L	1	0		63	133
A105470-001MSD	507_msd	Prometryn		ND	ug/L	1	0		58	128
A105470-001MSD	507_msd	Simazine		1.06	ug/L	1	0		65	135
A105470-001MSD	507_msd	Thiobencarb		3.66	ug/L	4	91.5	4	26	167
A105510-001SURR	507_sur	1,3-dimethyl-2-nitrobenzene		1.91	ug/L	2.5	76.4		70	130
A105532-001SURR	507_sur	1,3-dimethyl-2-nitrobenzene		1.96	ug/L	2.5	78.4		70	130
A105537-001SURR	507_sur	1,3-dimethyl-2-nitrobenzene		1.91	ug/L	2.5	76.4		70	130
A105538-001SURR	507_sur	1,3-dimethyl-2-nitrobenzene		1.77	ug/L	2.5	70.8		70	130
A105539-001SURR	507_sur	1,3-dimethyl-2-nitrobenzene		1.85	ug/L	2.5	74		70	130
A105565-001SURR	507_sur	1,3-dimethyl-2-nitrobenzene		2.66	ug/L	2.5	106.4		70	130
A105565-002SURR	507_sur	1,3-dimethyl-2-nitrobenzene		1.90	ug/L	2.5	76		70	130
LCS	507_ics	Alachlor		3.75	ug/L	4	93.8		25	160
LCS	507_ics	Atrazine		ND	ug/L	1	92.3		22	156
LCS	507_ics	Bromacil		21.4	ug/L	20	107		28	168
LCS	507_ics	Butachlor		1.83	ug/L	2	91.5		23	160
LCS	507_ics	Diazinon		1.08	ug/L	1	108		14	157
LCS	507_ics	Metolachlor		1.58	ug/L	2	79		34	138
LCS	507_ics	Metribuzin		1.91	ug/L	2	95.5		44	132
LCS	507_ics	Molinate		ND	ug/L	1	85.8		24	163

Note:

ND = Not Detected MS = Matrix Spike MSD = Matrix Spike Duplicate SURR = Surrogate
 BL = Blank DUP = Duplicate RPD = Relative Percent Deviation LCS = Laboratory Control Standard



Client: Del Mar Analytical
Project Name: IKH0272

QC Report Date: Monday, September 24, 2001
Project #:

QUALITY CONTROL REPORT

QC Lab#	TestGroup	Parameter	Sample Result	QC Result	Units	Amt. Added/ True Value	%R or RPD	%RPD for MSD	Low Limit	High Limit
LCS	507_lcs	Prometryn		ND	ug/L	1	97.2		21	160
LCS	507_lcs	Simazine		1.02	ug/L	1	102		29	162
LCS	507_lcs	Thiobencarb		4.06	ug/L	4	101.5		33	154
Method Blank	507_bl	Alachlor		ND	ug/L		0			1
Method Blank	507_bl	Atrazine		ND	ug/L		0			1
Method Blank	507_bl	Bromacil		ND	ug/L		0			10
Method Blank	507_bl	Butachlor		ND	ug/L		0			0.38
Method Blank	507_bl	Diazinon		ND	ug/L		0			0.25
Method Blank	507_bl	Dimethoate		ND	ug/L		0			10
Method Blank	507_bl	Metolachlor		ND	ug/L		0			0.5
Method Blank	507_bl	Metribuzin		ND	ug/L		0			0.5
Method Blank	507_bl	Molinate		ND	ug/L		0			2
Method Blank	507_bl	Prometon		ND	ug/L		0			1
Method Blank	507_bl	Prometryn		ND	ug/L		0			2
Method Blank	507_bl	Simazine		ND	ug/L		0			1
Method Blank	507_bl	Thiobencarb		ND	ug/L		0			1

Worksheet #:	Lab#:	Test Name	Analyzed Date
WS26934	A105510-001	Triazine pesticides in drinking water	8/20/01
WS26934	A105532-001	Triazine pesticides in drinking water	8/20/01
WS26934	A105537-001	Triazine pesticides in drinking water	8/20/01
WS26934	A105538-001	Triazine pesticides in drinking water	8/20/01
WS26934	A105539-001	Triazine pesticides in drinking water	8/20/01
WS26934	A105565-001	Triazine pesticides in drinking water	8/20/01
WS26934	A105565-002	Triazine pesticides in drinking water	8/20/01

Note:

ND = Not Detected MS = Matrix Spike MSD = Matrix Spike Duplicate SURR = Surrogate
BL = Blank DUP = Duplicate RPD = Relative Percent Deviation LCS = Laboratory Control Standard



Del Mar Analytical

2852 Alton Ave., Irvine, CA 92606 (949) 261-1022 FAX (949) 261-1228
 1014 E. Coldby Dr., Suite A, Colton, CA 92324 (909) 370-4667 FAX (909) 370-1046
 7277 Hayvenhurst, Suite B-12, Van Nuys, CA 91406 (818) 779-1844 FAX (818) 779-1843
 9484 Chesapeake Dr., Suite 805, San Diego, CA 92123 (858) 505-8596 FAX (858) 505-9589
 9830 South 51st St., Suite B-120, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0851

City of Simi Valley, Water Quality Control Plant Project ID: Semi-annual Monitoring
 2929 Tapo Canyon Road SV Lab# 9085, W11
 Simi Valley, CA 93063 Report Number: IKH0274
 Attention: Barbara Santos

Sampled: 08/07/01
 Received: 08/08/01

METHOD BLANK/QC DATA

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	RPD Limits RPD	RPD Limit	Data Qualifiers
Batch: 11H1028 Extracted: 08/10/01									
Blank Analyzed: 08/13/01 (11H1028-BLK1)									
Acenaphthene	ND	10	ug/l						
Acenaphthylene	ND	10	ug/l						
Aniline	ND	10	ug/l						
Anthracene	ND	10	ug/l						
Azobenzene	ND	20	ug/l						
Benzidine	ND	100	ug/l						
Benzoic acid	ND	100	ug/l						
Benzo(a)anthracene	ND	10	ug/l						
Benzo(b)fluoranthene	ND	10	ug/l						
Benzo(k)fluoranthene	ND	10	ug/l						
Benzo(g,h,i)perylene	ND	10	ug/l						
Benzo(a)pyrene	ND	10	ug/l						
Benzyl alcohol	ND	20	ug/l						
Bis(2-chloroethoxy)methane	ND	10	ug/l						
Bis(2-chloroethyl)ether	ND	10	ug/l						
Bis(2-chloroisopropyl)ether	ND	10	ug/l						
Bis(2-ethylhexyl)phthalate	ND	100	ug/l						
Bromophenyl phenyl ether	ND	10	ug/l						
Butyl benzyl phthalate	ND	20	ug/l						
Chloroaniline	ND	10	ug/l						
Chloronaphthalene	ND	10	ug/l						
4-Chloro-3-methylphenol	ND	20	ug/l						
2-Chlorophenol	ND	10	ug/l						
4-Chlorophenyl phenyl ether	ND	10	ug/l						
Chrysene	ND	10	ug/l						
Dibenz(a,h)anthracene	ND	20	ug/l						
Dibenzofuran	ND	10	ug/l						
Di-n-butyl phthalate	ND	20	ug/l						
1,3-Dichlorobenzene	ND	10	ug/l						
1,4-Dichlorobenzene	ND	10	ug/l						
1,2-Dichlorobenzene	ND	10	ug/l						
3,3-Dichlorobenzidine	ND	40	ug/l						
2,4-Dichlorophenol	ND	10	ug/l						
Diethyl phthalate	ND	10	ug/l						
1,4-Dimethylphenol	ND	20	ug/l						
Dimethyl phthalate	ND	10	ug/l						

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager



City of Simi Valley, Water Quality Control Plant Project ID: Semi-annual Monitoring
 2929 Tapo Canyon Road SV Lab# 9085, W11
 Simi Valley, CA 93063 Report Number: IKH0274
 Attention: Barbara Santos

Sampled: 08/07/01
 Received: 08/08/01

METHOD BLANK/QC DATA

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC Limits	RPD RPD	RPD Limit	Data Qualifiers
Batch: 11H1028 Extracted: 08/10/01									
Blank Analyzed: 08/13/01 (11H1028-BLK1)									
2,6-Dinitro-2-methylphenol	ND	40	ug/l						
2,4-Dinitrophenol	ND	100	ug/l						
2,4-Dinitrotoluene	ND	10	ug/l						
2,6-Dinitrotoluene	ND	10	ug/l						
Di-n-octyl phthalate	ND	40	ug/l						
Fluoranthene	ND	10	ug/l						
Fluorene	ND	10	ug/l						
Hexachlorobenzene	ND	10	ug/l						
Hexachlorobutadiene	ND	10	ug/l						
Hexachlorocyclopentadiene	ND	40	ug/l						
Hexachloroethane	ND	10	ug/l						
Indeno(1,2,3-cd)pyrene	ND	20	ug/l						
Isophorone	ND	10	ug/l						
Methylnaphthalene	ND	10	ug/l						
2-Methylphenol	ND	10	ug/l						
4-Methylphenol	ND	10	ug/l						
Phthalene	ND	10	ug/l						
2-Nitroaniline	ND	20	ug/l						
3-Nitroaniline	ND	20	ug/l						
4-Nitroaniline	ND	100	ug/l						
1,2-Dibromobenzene	ND	40	ug/l						
2-Nitrophenol	ND	10	ug/l						
4-Nitrophenol	ND	100	ug/l						
Nitrosodiphenylamine	ND	10	ug/l						
n-Nitroso-di-n-propylamine	ND	10	ug/l						
Pentachlorophenol	ND	40	ug/l						
Benanthrene	ND	10	ug/l						
Phenol	ND	10	ug/l						
Pyrene	ND	10	ug/l						
1,2,4-Trichlorobenzene	ND	10	ug/l						
1,3,5-Trichlorophenol	ND	20	ug/l						
2,4,6-Trichlorophenol	ND	20	ug/l						
1,2-Diphenylhydrazine	ND	500	ug/l						
Nitrosodimethylamine	ND	20	ug/l						
Cresol	ND	10	ug/l						
Surrogate: 2-Fluorophenol	146		ug/l	200		73.0	30-110		

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager



City of Simi Valley, Water Quality Control Plant Project ID: Semi-annual Monitoring
 2929 Tapo Canyon Road SV Lab# 9085, W11
 Simi Valley, CA 93063 Report Number: IKH0274
 Attention: Barbara Santos

Sampled: 08/07/01
 Received: 08/08/01

METHOD BLANK/QC DATA

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	RPD Limits RPD	RPD Limit	Data Qualifiers
Batch: I1H1028 Extracted: 08/10/01									
Blank Analyzed: 08/13/01 (I1H1028-BLK1)									
Surrogate: Phenol-d6	166		ug/l	200		83.0	40-110		
Surrogate: 2,4,6-Tribromophenol	121		ug/l	200		60.5	55-140		
Surrogate: Nitrobenzene-d5	80.3		ug/l	100		80.3	40-110		
Surrogate: 2-Fluorobiphenyl	80.1		ug/l	100		80.1	40-120		
Surrogate: Terphenyl-d14	83.8		ug/l	100		83.8	55-160		
CS Analyzed: 08/13/01 (I1H1028-BS1)									
Acenaphthene	85.0	10	ug/l	100		85.0	55-120		
Acenaphthylene	81.7	10	ug/l	100		81.7	55-120		
Aniline	29.3	10	ug/l	100		29.3	30-120		L2
Anthracene	93.4	10	ug/l	100		93.4	65-120		
Azobenzene	95.8	20	ug/l	100		95.8	50-125		
Benzidine	ND	100	ug/l	100			10-200		L2
Benzoic acid	ND	100	ug/l	100		25.5	25-120		
Benzo(a)anthracene	91.5	10	ug/l	100		91.5	70-125		
Benzo(b)fluoranthene	100	10	ug/l	100		100	65-125		
Benzo(k)fluoranthene	110	10	ug/l	100		110	65-135		
Benzo(g,h,i)perylene	107	10	ug/l	100		107	25-150		
Benzo(a)pyrene	108	10	ug/l	100		108	70-125		
Benzyl alcohol	94.6	20	ug/l	100		94.6	45-120		
Bis(2-chloroethoxy)methane	82.9	10	ug/l	100		82.9	50-120		
Bis(2-chloroethyl)ether	82.0	10	ug/l	100		82.0	45-120		
Bis(2-chloroisopropyl)ether	89.9	10	ug/l	100		89.9	36-120		
Bis(2-ethylhexyl)phthalate	ND	100	ug/l	100		90.4	65-140		
2-Bromophenyl phenyl ether	95.5	10	ug/l	100		95.5	55-120		
Butyl benzyl phthalate	91.3	20	ug/l	100		91.3	70-135		
4-Chloroaniline	87.8	10	ug/l	100		87.8	25-120		
1-Chloronaphthalene	82.9	10	ug/l	100		82.9	60-118		
4-Chloro-3-methylphenol	96.8	20	ug/l	100		96.8	55-120		
2-Chlorophenol	77.9	10	ug/l	100		77.9	45-120		
1-Chlorophenyl phenyl ether	89.2	10	ug/l	100		89.2	60-120		
Chrysene	90.5	10	ug/l	100		90.5	70-130		
Dibenz(a,h)anthracene	104	20	ug/l	100		104	50-130		
Dibenzofuran	87.2	10	ug/l	100		87.2	55-120		
Di-n-butyl phthalate	98.0	20	ug/l	100		98.0	60-118		
1,3-Dichlorobenzene	58.2	10	ug/l	100		58.2	30-120		
1,4-Dichlorobenzene	66.4	10	ug/l	100		66.4	35-120		

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager



Del Mar Analytical

2852 Alton Ave., Irvine, CA 92606 (949) 261-1022 FAX (949) 261-1228
 1014 E. Coldby Dr., Suite A, Colton, CA 92324 (909) 370-4667 FAX (909) 370-1046
 7277 Hayvenhurst, Suite B-12, Van Nuys, CA 91406 (818) 779-1844 FAX (818) 779-1843
 9484 Chesapeake Dr., Suite 805, San Diego, CA 92123 (858) 505-8596 FAX (858) 505-9589
 9830 South 51st St., Suite B-120, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0851

City of Simi Valley, Water Quality Control Plant 2929 Tapo Canyon Road Simi Valley, CA 93063 Attention: Barbara Santos	Project ID: Semi-annual Monitoring SV Lab# 9085, W11 Report Number: IKH0274	Sampled: 08/07/01 Received: 08/08/01
---	---	---

METHOD BLANK/QC DATA

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	RPD Limits RPD	RPD Limit	Data Qualifiers
Batch: 11H1028 Extracted: 08/10/01									
CS Analyzed: 08/13/01 (11H1028-BS1)									
1,2-Dichlorobenzene	67.3	10	ug/l	100	67.3	45-120			
3,3-Dichlorobenzidine	82.0	40	ug/l	100	82.0	35-145			
2,4-Dichlorophenol	76.4	10	ug/l	100	76.4	50-120			
Methyl phthalate	93.3	10	ug/l	100	93.3	65-114			
2,4-Dimethylphenol	70.4	20	ug/l	100	70.4	32-119			
Dimethyl phthalate	90.7	10	ug/l	100	90.7	65-112			
2,4-Dinitro-2-methylphenol	70.0	40	ug/l	100	70.0	65-125			
2,4-Dinitrophenol	ND	100	ug/l	100	48.2	40-125			
2,4-Dinitrotoluene	92.3	10	ug/l	100	92.3	65-120			
1,3-Dinitrotoluene	91.1	10	ug/l	100	91.1	65-120			
n-octyl phthalate	101	40	ug/l	100	101	55-146			
Fluoranthene	96.7	10	ug/l	100	96.7	70-120			
Fluorene	87.8	10	ug/l	100	87.8	59-120			
Hexachlorobenzene	86.8	10	ug/l	100	86.8	60-120			
Hexachlorobutadiene	63.6	10	ug/l	100	63.6	35-116			
Hexachlorocyclopentadiene	48.1	40	ug/l	100	48.1	10-120			
Hexachloroethane	65.2	10	ug/l	100	65.2	40-113			
Benzo(1,2,3-cd)pyrene	114	20	ug/l	100	114	40-135			
Isophorone	87.3	10	ug/l	100	87.3	50-120			
1-Methylnaphthalene	78.8	10	ug/l	100	78.8	55-120			
1-Methylphenol	85.7	10	ug/l	100	85.7	45-120			
4-Methylphenol	90.3	10	ug/l	100	90.3	45-120			
Naphthalene	75.8	10	ug/l	100	75.8	45-120			
Nitroaniline	106	20	ug/l	100	106	50-135			
3-Nitroaniline	90.5	20	ug/l	100	90.5	50-125			
4-Nitroaniline	ND	100	ug/l	100	98.7	55-140			
1-Trobenzene	84.1	40	ug/l	100	84.1	45-120			
1-Nitrophenol	83.3	10	ug/l	100	83.3	50-120			
4-Nitrophenol	ND	100	ug/l	100	90.1	50-132			
Nitrosodiphenylamine	90.6	10	ug/l	100	90.6	45-120			
Nitroso-di-n-propylamine	96.6	10	ug/l	100	96.6	45-125			
Pentachlorophenol	54.9	40	ug/l	100	54.9	50-130			
Phenanthrene	89.3	10	ug/l	100	89.3	65-120			
1-phenol	78.7	10	ug/l	100	78.7	35-112			
1-pyrene	85.0	10	ug/l	100	85.0	65-115			
1,2,4-Trichlorobenzene	66.1	10	ug/l	100	66.1	50-120			

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager



Del Mar Analytical

2852 Alton Ave., Irvine, CA 92606 (949) 261-1022 FAX (949) 261-1228
 1014 E. Coldby Dr., Suite A, Colton, CA 92324 (909) 370-4667 FAX (909) 370-1046
 7277 Hayvenhurst, Suite B-12, Van Nuys, CA 91406 (818) 779-1844 FAX (818) 779-1843
 9484 Chesapeake Dr., Suite 805, San Diego, CA 92123 (858) 505-8596 FAX (858) 505-9589
 9830 South 51st St., Suite B-120, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0851

City of Simi Valley, Water Quality Control Plant Project ID: Semi-annual Monitoring
 2929 Tapo Canyon Road SV Lab# 9085, W11
 Simi Valley, CA 93063 Report Number: IKH0274
 Attention: Barbara Santos

Sampled: 08/07/01
 Received: 08/08/01

METHOD BLANK/QC DATA

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD RPD	RPD Limit	Data Qualifiers
Batch: I1H1028 Extracted: 08/10/01										
CS Analyzed: 08/13/01 (I1H1028-BS1)										
4,5-Trichlorophenol	87.2	20	ug/l	100		87.2	55-120			
2,4,6-Trichlorophenol	82.6	20	ug/l	100		82.6	55-120			
Surrogate: 2-Fluorophenol	146		ug/l	200		73.0	30-110			
Surrogate: Phenol-d6	176		ug/l	200		88.0	40-110			
Surrogate: 2,4,6-Tribromophenol	177		ug/l	200		88.5	55-140			
Surrogate: Nitrobenzene-d5	84.1		ug/l	100		84.1	40-110			
Surrogate: 2-Fluorobiphenyl	82.9		ug/l	100		82.9	40-120			
Surrogate: Terphenyl-d14	88.9		ug/l	100		88.9	55-160			
LCS Dup Analyzed: 08/13/01 (I1H1028-BSD1)										
acenaphthene	86.8	10	ug/l	100		86.8	55-120	2.10	35	
acenaphthylene	84.8	10	ug/l	100		84.8	55-120	3.72	20	
Aniline	94.6	10	ug/l	100		94.6	30-120	105	40	R2
anthracene	93.9	10	ug/l	100		93.9	65-120	0.534	15	
azobenzene	97.2	20	ug/l	100		97.2	50-125	1.45	15	
Benzidine	ND	100	ug/l	100		92.8	10-200		35	R2
Benzoic acid	ND	100	ug/l	100		28.2	25-120	10.1	40	
benzo(a)anthracene	93.5	10	ug/l	100		93.5	70-125	2.16	20	
Benzo(b)fluoranthene	110	10	ug/l	100		110	65-125	9.52	20	
Benzo(k)fluoranthene	107	10	ug/l	100		107	65-135	2.76	25	
benzo(g,h,i)perylene	111	10	ug/l	100		111	25-150	3.67	25	
Benzo(a)pyrene	112	10	ug/l	100		112	70-125	3.64	15	
Benzyl alcohol	95.6	20	ug/l	100		95.6	45-120	1.05	25	
Bis(2-chloroethoxy)methane	85.6	10	ug/l	100		85.6	50-120	3.20	25	
Bis(2-chloroethyl)ether	85.5	10	ug/l	100		85.5	45-120	4.18	25	
Bis(2-chloroisopropyl)ether	90.8	10	ug/l	100		90.8	36-120	0.996	25	
Bis(2-ethylhexyl)phthalate	ND	100	ug/l	100		90.2	65-140	0.221	15	
2-Bromophenyl phenyl ether	97.7	10	ug/l	100		97.7	55-120	2.28	20	
Butyl benzyl phthalate	93.5	20	ug/l	100		93.5	70-135	2.38	15	
4-Chloroaniline	92.0	10	ug/l	100		92.0	25-120	4.67	50	
1-Chloronaphthalene	86.9	10	ug/l	100		86.9	60-118	4.71	25	
2-Chloro-3-methylphenol	96.6	20	ug/l	100		96.6	55-120	0.207	25	
2-Chlorophenol	81.1	10	ug/l	100		81.1	45-120	4.03	25	
2-Chlorophenyl phenyl ether	90.9	10	ug/l	100		90.9	60-120	1.89	20	
Chrysene	94.0	10	ug/l	100		94.0	70-130	3.79	10	
Dibenz(a,h)anthracene	110	20	ug/l	100		110	50-130	5.61	15	
Dibenzofuran	90.0	10	ug/l	100		90.0	55-120	3.16	25	

M-NR1

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager



City of Simi Valley, Water Quality Control Plant 2929 Tapo Canyon Road Simi Valley, CA 93063 Attention: Barbara Santos	Project ID: Semi-annual Monitoring SV Lab# 9085, W11 Report Number: IKH0274	Sampled: 08/07/01 Received: 08/08/01
---	---	---

METHOD BLANK/QC DATA

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	RPD Limits RPD	RPD Limit	Data Qualifiers
Batch: IJH1028 Extracted: 08/10/01									
CS Dup Analyzed: 08/13/01 (IJH1028-BSD1) M-NR1									
n-butyl phthalate	98.0	20	ug/l	100	98.0	60-118	0.00	10	
1,3-Dichlorobenzene	63.7	10	ug/l	100	63.7	30-120	9.02	30	
1,4-Dichlorobenzene	71.4	10	ug/l	100	71.4	35-120	7.26	25	
1,2-Dichlorobenzene	71.6	10	ug/l	100	71.6	45-120	6.19	25	
3,3-Dichlorobenzidine	102	40	ug/l	100	102	35-145	21.7	25	
2,4-Dichlorophenol	80.6	10	ug/l	100	80.6	50-120	5.35	25	
Diethyl phthalate	92.9	10	ug/l	100	92.9	65-114	0.430	15	
1,4-Dimethylphenol	72.7	20	ug/l	100	72.7	32-119	3.21	30	
Dimethyl phthalate	90.2	10	ug/l	100	90.2	65-112	0.553	20	
2,6-Dinitro-2-methylphenol	70.4	40	ug/l	100	70.4	65-125	0.570	20	
1,4-Dinitrophenol	ND	100	ug/l	100	43.7	40-125	9.79	30	
2,4-Dinitrotoluene	91.5	10	ug/l	100	91.5	65-120	0.871	20	
2,6-Dinitrotoluene	91.8	10	ug/l	100	91.8	65-120	0.765	20	
n-octyl phthalate	106	40	ug/l	100	106	55-146	4.83	20	
Fluoranthene	98.5	10	ug/l	100	98.5	70-120	1.84	15	
Fluorene	89.2	10	ug/l	100	89.2	59-120	1.58	30	
Hexachlorobenzene	88.0	10	ug/l	100	88.0	60-120	1.37	15	
Hexachlorobutadiene	71.9	10	ug/l	100	71.9	35-116	12.3	25	
Hexachlorocyclopentadiene	52.1	40	ug/l	100	52.1	10-120	7.98	35	
Hexachloroethane	70.1	10	ug/l	100	70.1	40-113	7.24	25	
Indeno(1,2,3-cd)pyrene	116	20	ug/l	100	116	40-135	1.74	20	
Isophorone	88.1	10	ug/l	100	88.1	50-120	0.912	20	
2-Methylnaphthalene	81.2	10	ug/l	100	81.2	55-120	3.00	20	
1-Methylphenol	88.2	10	ug/l	100	88.2	45-120	2.88	25	
2-Methylphenol	92.0	10	ug/l	100	92.0	45-120	1.87	25	
Naphthalene	80.3	10	ug/l	100	80.3	45-120	5.77	25	
1-Nitroaniline	108	20	ug/l	100	108	50-135	1.87	15	
2-Nitroaniline	93.2	20	ug/l	100	93.2	50-125	2.94	20	
4-Nitroaniline	102	100	ug/l	100	102	55-140	3.29	15	
1-Nitrobenzene	88.3	40	ug/l	100	88.3	45-120	4.87	25	
1-Nitrophenol	87.6	10	ug/l	100	87.6	50-120	5.03	50	
4-Nitrophenol	ND	100	ug/l	100	93.2	50-132	3.38	30	
n-Nitrosodiphenylamine	92.7	10	ug/l	100	92.7	45-120	2.29	20	
Nitroso-di-n-propylamine	94.2	10	ug/l	100	94.2	45-125	2.52	25	
2,4-Dinitrochlorophenol	55.2	40	ug/l	100	55.2	50-130	0.545	45	
Phenanthrene	90.6	10	ug/l	100	90.6	65-120	1.45	20	

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager



City of Simi Valley, Water Quality Control Plant Project ID: Semi-annual Monitoring
 2929 Tapo Canyon Road SV Lab# 9085, W11
 Simi Valley, CA 93063 Report Number: IKH0274
 Attention: Barbara Santos

Sampled: 08/07/01
 Received: 08/08/01

METHOD BLANK/QC DATA

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limits RPD	RPD Limit	Data Qualifiers	
Batch: I1H1028 Extracted: 08/10/01										
CS Dup Analyzed: 08/13/01 (I1H1028-BSD1)										
Phenol	81.9	10	ug/l	100		81.9	35-112	3.99	25	M-NR1
Pyrene	83.8	10	ug/l	100		83.8	65-115	1.42	15	
2,4-Trichlorobenzene	71.8	10	ug/l	100		71.8	50-120	8.27	25	
4,5-Trichlorophenol	88.4	20	ug/l	100		88.4	55-120	1.37	35	
2,4,6-Trichlorophenol	87.5	20	ug/l	100		87.5	55-120	5.76	25	
Surrogate: 2-Fluorophenol	153		ug/l	200		76.5	30-110			
Surrogate: Phenol-d6	175		ug/l	200		87.5	40-110			
Surrogate: 2,4,6-Tribromophenol	175		ug/l	200		87.5	55-140			
Surrogate: Nitrobenzene-d5	88.3		ug/l	100		88.3	40-110			
Surrogate: 2-Fluorobiphenyl	85.1		ug/l	100		85.1	40-120			
Surrogate: Terphenyl-d14	87.9		ug/l	100		87.9	55-160			

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager



City of Simi Valley, Water Quality Control Plant Project ID: Semi-annual Monitoring
 2929 Tapo Canyon Road SV Lab# 9085, W11
 Simi Valley, CA 93063 Report Number: IKH0274
 Attention: Barbara Santos

Sampled: 08/07/01
 Received: 08/08/01

DATA QUALIFIERS AND DEFINITIONS

- L2 Laboratory Control Sample recovery was below method control limits. See Corrective Action Report.
- M-NR1 There was no MS/MSD analyzed with this batch due to insufficient sample volume. See Blank Spike/Blank Spike Duplicate.
- R2 The RPD exceeded the method control limit. See Corrective Action Report.
- ND Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.
- NR Not reported.
- RPD Relative Percent Difference



City of Simi Valley, Water Quality Control Plant 2929 Tapo Canyon Road Simi Valley, CA 93063 Attention: Barbara Santos	Project ID: Semi-annual Monitoring SV Lab# 9085, W11 Report Number: IKH0274	Sampled: 08/07/01 Received: 08/08/01
---	---	---

METHOD BLANK/QC DATA

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS (EPA 418.1)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: I1H0936 Extracted: 08/09/01									
Blank Analyzed: 08/09/01 (I1H0936-BLK1)									
Total Recoverable Hydrocarbons	ND	1.0	mg/l						
LCS Analyzed: 08/09/01 (I1H0936-BS1)									
Total Recoverable Hydrocarbons	4.78	1.0	mg/l	5.00	95.6	80-120			M-NRI
LCS Dup Analyzed: 08/09/01 (I1H0936-BSD1)									
Total Recoverable Hydrocarbons	4.50	1.0	mg/l	5.00	90.0	80-120	6.03	15	M-NRI

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager



City of Simi Valley, Water Quality Control Plant 2929 Tapo Canyon Road Simi Valley, CA 93063 Attention: Barbara Santos	Project ID: Semi-annual Monitoring SV Lab# 9081, W10 Report Number: IKH0272	Sampled: 08/07/01 Received: 08/08/01
---	---	---

METHOD BLANK/QC DATA

METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC Limits	RPD RPD	RPD Limit	Data Qualifiers
Batch: 11H1323 Extracted: 08/13/01									
Blank Analyzed: 08/13/01 (11H1323-BLK1)									
Arsenic	ND	0.0050	mg/l						
Cadmium	ND	0.0050	mg/l						
Chromium	ND	0.0050	mg/l						
Copper	ND	0.010	mg/l						
Lead	ND	0.0050	mg/l						
Nickel	ND	0.010	mg/l						
Zinc	ND	0.020	mg/l						
LCS Analyzed: 08/13/01 (11H1323-BS1)									
Arsenic	0.521	0.0050	mg/l	0.500	ND	104 85-115			
Cadmium	0.514	0.0050	mg/l	0.500	ND	103 85-115			
Chromium	0.508	0.0050	mg/l	0.500	ND	102 85-115			
Copper	0.501	0.010	mg/l	0.500	ND	100 85-115			
Lead	0.514	0.0050	mg/l	0.500	ND	103 85-115			
Nickel	0.516	0.010	mg/l	0.500	ND	103 85-115			
Zinc	0.509	0.020	mg/l	0.500	ND	102 85-115			
Matrix Spike Analyzed: 08/13/01 (11H1323-MS1) Source: IKH0269-01									
Arsenic	0.530	0.0050	mg/l	0.500	ND	106 70-130			
Cadmium	0.510	0.0050	mg/l	0.500	ND	102 70-130			
Chromium	0.505	0.0050	mg/l	0.500	ND	101 70-130			
Copper	0.527	0.010	mg/l	0.500	ND	104 70-130			
Lead	0.505	0.0050	mg/l	0.500	ND	101 70-130			
Nickel	0.512	0.010	mg/l	0.500	ND	101 70-130			
Zinc	0.548	0.020	mg/l	0.500	0.041	101 70-130			
Matrix Spike Dup Analyzed: 08/13/01 (11H1323-MSD1) Source: IKH0269-01									
Arsenic	0.544	0.0050	mg/l	0.500	ND	109 70-130	2.61	20	
Cadmium	0.525	0.0050	mg/l	0.500	ND	105 70-130	2.90	20	
Chromium	0.511	0.0050	mg/l	0.500	ND	102 70-130	1.18	20	
Copper	0.543	0.010	mg/l	0.500	ND	107 70-130	2.99	20	
Lead	0.513	0.0050	mg/l	0.500	ND	103 70-130	1.57	20	
Nickel	0.524	0.010	mg/l	0.500	ND	104 70-130	2.32	20	
Zinc	0.568	0.020	mg/l	0.500	0.041	105 70-130	3.58	20	

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager



City of Simi Valley, Water Quality Control Plant Project ID: Semi-annual Monitoring
 2929 Tapo Canyon Road SV Lab# 9081, W10
 Simi Valley, CA 93063 Report Number: IKH0272
 Attention: Barbara Santos

Sampled: 08/07/01
 Received: 08/08/01

METHOD BLANK/QC DATA

INORGANICS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limits RPD	RPD Limit	Data Qualifiers
Batch: I1H0862 Extracted: 08/08/01									
Blank Analyzed: 08/08/01 (I1H0862-BLK1)									
Surfactants (MBAS)	ND	0.10	mg/l						
LCS Analyzed: 08/08/01 (I1H0862-BS1)									
Surfactants (MBAS)	0.246	0.10	mg/l	0.250		98.4	90-110		
Matrix Spike Analyzed: 08/08/01 (I1H0862-MS1)									
Surfactants (MBAS)	0.290	0.10	mg/l	0.250	ND	88.4	50-125		
Matrix Spike Dup Analyzed: 08/08/01 (I1H0862-MSD1)									
Surfactants (MBAS)	0.283	0.10	mg/l	0.250	ND	85.6	50-125	2.44	20
Batch: I1H1034 Extracted: 08/10/01									
Blank Analyzed: 08/10/01 (I1H1034-BLK1)									
Oil & Grease	ND	5.0	mg/l						
LCS Analyzed: 08/10/01 (I1H1034-BS1)									
Oil & Grease	20.2	5.0	mg/l	20.0		101	80-120		M-NRI
LCS Dup Analyzed: 08/10/01 (I1H1034-BSD1)									
Oil & Grease	20.0	5.0	mg/l	20.0		100	80-120	0.995	20

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager



Client: Del Mar Analytical
Project Name: IKH0272

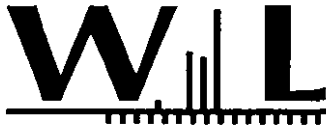
QC Report Date: Monday, September 24, 2001
Project #:

QUALITY CONTROL REPORT

QC Lab#	TestGroup	Parameter	Sample Result	QC Result	Units	Amt. Added/ True Value	%R or RPD	%RPD for MSD	Low Limit	High Limit
A105530-001MS	508_ms	4,4'-DDD	ND	0.0783	ug/L	0.1	78.3		72	142
A105530-001MS	508_ms	4,4'-DDE	ND	0.0763	ug/L	0.1	76.3		64	134
A105530-001MS	508_ms	4,4'-DDT	ND	0.0892	ug/L	0.1	89.2		77	147
A105530-001MS	508_ms	Aldrin	ND	0.0783	ug/L	0.1	78.3		51	121
A105530-001MS	508_ms	alpha-BHC	ND	0.0733	ug/L	0.1	73.3		57	127
A105530-001MS	508_ms	beta-BHC	ND	0.0757	ug/L	0.1	75.7		60	130
A105530-001MS	508_ms	delta-BHC	ND	0.0795	ug/L	0.1	79.5		67	137
A105530-001MS	508_ms	Dieldrin	ND	0.0770	ug/L	0.1	77		52	122
A105530-001MS	508_ms	Endosulfan I	ND	0.0781	ug/L	0.1	78.1		52	122
A105530-001MS	508_ms	Endosulfan II	ND	0.0802	ug/L	0.1	80.2		57	127
A105530-001MS	508_ms	Endosulfan sulfate	ND	0.0994	ug/L	0.1	99.4		67	137
A105530-001MS	508_ms	Endrin	ND	0.0957	ug/L	0.1	95.7		53	123
A105530-001MS	508_ms	Endrin aldehyde	ND	0.0828	ug/L	0.1	82.8		53	123
A105530-001MS	508_ms	gamma-BHC (lindane)	ND	0.0733	ug/L	0.1	73.3		54	124
A105530-001MS	508_ms	Heptachlor	ND	0.0818	ug/L	0.1	81.8		63	133
A105530-001MS	508_ms	Heptachlor epoxide	ND	0.0760	ug/L	0.1	76		52	122
A105530-001MS	508_ms	Methoxychlor	ND	0.0941	ug/L	0.1	94.1		70	140
A105530-001MSD	508_msd	4,4'-DDD	ND	0.0791	ug/L	0.1	79.1	1	72	142
A105530-001MSD	508_msd	4,4'-DDE	ND	0.0768	ug/L	0.1	76.8	1	64	134
A105530-001MSD	508_msd	4,4'-DDT	ND	0.0900	ug/L	0.1	90	1	77	147
A105530-001MSD	508_msd	Aldrin	ND	0.0776	ug/L	0.1	77.6	1	51	121
A105530-001MSD	508_msd	alpha-BHC	ND	0.0727	ug/L	0.1	72.7	1	57	127
A105530-001MSD	508_msd	beta-BHC	ND	0.0755	ug/L	0.1	75.5	0	60	130
A105530-001MSD	508_msd	delta-BHC	ND	0.0808	ug/L	0.1	80.8	2	67	137
A105530-001MSD	508_msd	Dieldrin	ND	0.0776	ug/L	0.1	77.6	1	52	122
A105530-001MSD	508_msd	Endosulfan I	ND	0.0781	ug/L	0.1	78.1	0	52	122
A105530-001MSD	508_msd	Endosulfan II	ND	0.0806	ug/L	0.1	80.6	0	57	127
A105530-001MSD	508_msd	Endosulfan sulfate	ND	0.0972	ug/L	0.1	97.2	2	67	137
A105530-001MSD	508_msd	Endrin	ND	0.0965	ug/L	0.1	96.5	1	53	123
A105530-001MSD	508_msd	Endrin aldehyde	ND	0.0835	ug/L	0.1	83.5	1	53	123
A105530-001MSD	508_msd	gamma-BHC (lindane)	ND	0.0750	ug/L	0.1	75	2	54	124
A105530-001MSD	508_msd	Heptachlor	ND	0.0819	ug/L	0.1	81.9	0	63	133
A105530-001MSD	508_msd	Heptachlor epoxide	ND	0.0763	ug/L	0.1	76.3	0	52	122
A105530-001MSD	508_msd	Methoxychlor	ND	0.0951	ug/L	0.1	95.1	1	70	140
A105530-001SURR	508_surr	2,4,5,6-tetrachloro-m-xylene		0.112	ug/L	0.1	112		70	130
A105530-001SURR	508_surr	decachlorobiphenyl		0.109	ug/L	0.1	109		70	130
A105530-002SURR	508_surr	2,4,5,6-tetrachloro-m-xylene		0.0950	ug/L	0.1	95		70	130

Note:

ND = Not Detected MS = Matrix Spike MSD = Matrix Spike Duplicate SURR = Surrogate
 BL = Blank DUP = Duplicate RPD = Relative Percent Deviation LCS = Laboratory Control Standard

Client: Del Mar Analytical
Project Name: IKH0272QC Report Date: Monday, September 24, 2001
Project #:

QUALITY CONTROL REPORT

QC Lab#	TestGroup	Parameter	Sample Result	QC Result	Units	Amt. Added/ True Value	%R or RPD	%RPD for MSD	Low Limit	High Limit
A105530-002SURR	508_surr	decachlorobiphenyl		0.110	ug/L	0.1	110		70	130
A105530-003SURR	508_surr	2,4,5,6-tetrachloro-m-xytene		0.103	ug/L	0.1	103		70	130
A105530-003SURR	508_surr	decachlorobiphenyl		0.112	ug/L	0.1	112		70	130
A105532-001SURR	508_surr	2,4,5,6-tetrachloro-m-xytene		0.0960	ug/L	0.1	96		70	130
A105532-001SURR	508_surr	decachlorobiphenyl		0.118	ug/L	0.1	118		70	130
A105534-001SURR	508_surr	2,4,5,6-tetrachloro-m-xytene		0.106	ug/L	0.1	106		70	130
A105534-001SURR	508_surr	decachlorobiphenyl		0.125	ug/L	0.1	125		70	130
A105537-001SURR	508_surr	2,4,5,6-tetrachloro-m-xytene		0.0840	ug/L	0.1	84		70	130
A105537-001SURR	508_surr	decachlorobiphenyl		0.0990	ug/L	0.1	99		70	130
A105538-001SURR	508_surr	2,4,5,6-tetrachloro-m-xytene		0.107	ug/L	0.1	107		70	130
A105538-001SURR	508_surr	decachlorobiphenyl		0.100	ug/L	0.1	100		70	130
A105539-001SURR	508_surr	2,4,5,6-tetrachloro-m-xytene		0.101	ug/L	0.1	101		70	130
A105539-001SURR	508_surr	decachlorobiphenyl		0.118	ug/L	0.1	118		70	130
LCS	508_lcs	4,4'-DDD		0.0765	ug/L	0.1	76.5		45	130
LCS	508_lcs	4,4'-DDE		0.0741	ug/L	0.1	74.1		48	126
LCS	508_lcs	4,4'-DDT		0.0841	ug/L	0.1	84.1		33	146
LCS	508_lcs	Aldrin		0.0713	ug/L	0.1	71.3		40	129
LCS	508_lcs	alpha-BHC		0.0735	ug/L	0.1	73.5		34	127
LCS	508_lcs	beta-BHC		0.0723	ug/L	0.1	72.3		41	141
LCS	508_lcs	delta-BHC		0.0781	ug/L	0.1	78.1		34	139
LCS	508_lcs	Dieldrin		0.0754	ug/L	0.1	75.4		47	128
LCS	508_lcs	Endosulfan I		0.0774	ug/L	0.1	77.4		49	123
LCS	508_lcs	Endosulfan II		0.0792	ug/L	0.1	79.2		50	117
LCS	508_lcs	Endosulfan sulfate		0.0979	ug/L	0.1	97.9		31	211
LCS	508_lcs	Endrin		0.0915	ug/L	0.1	91.5		32	163
LCS	508_lcs	Endrin aldehyde		0.0789	ug/L	0.1	78.9		40	139
LCS	508_lcs	gamma-BHC (lindane)		0.0721	ug/L	0.1	72.1		42	134
LCS	508_lcs	Heptachlor		0.0790	ug/L	0.1	79		35	151
LCS	508_lcs	Heptachlor epoxide		0.0760	ug/L	0.1	76		53	128
LCS	508_lcs	Methoxychlor		0.0904	ug/L	0.1	90.4		64	146
Method Blank	508_bl	4,4'-DDD		ND	ug/L		0			0.02
Method Blank	508_bl	4,4'-DDE		ND	ug/L		0			0.01
Method Blank	508_bl	4,4'-DDT		ND	ug/L		0			0.02
Method Blank	508_bl	Aldrin		ND	ug/L		0			0.08
Method Blank	508_bl	alpha-BHC		ND	ug/L		0			0.05
Method Blank	508_bl	Aroclor-1016		ND	ug/L		0			0.1
Method Blank	508_bl	Aroclor-1221		ND	ug/L		0			0.1

Note:

ND = Not Detected MS = Matrix Spike MSD = Matrix Spike Duplicate SURR = Surrogate
BL = Blank DUP = Duplicate RPD = Relative Percent Deviation LCS = Laboratory Control Standard



Client: Del Mar Analytical
Project Name: IKH0272

QC Report Date: Monday, September 24, 2001
Project #:

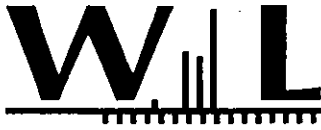
QUALITY CONTROL REPORT

Table with columns: QC Lab#, TestGroup, Parameter, Sample Result, QC Result, Units, Amt. Added/True Value, %R or RPD, %RPD for MSD, Low Limit, High Limit. Contains 20 rows of Method Blank data for various pesticides.

Table with columns: Worksheet #, Lab#, Test Name, Analyzed Date. Lists 10 worksheets (WS26885) and their corresponding lab numbers and test names.

Note:

ND = Not Detected MS = Matrix Spike MSD = Matrix Spike Duplicate SURR = Surrogate
BL = Blank DUP = Duplicate RPD = Relative Percent Deviation LCS = Laboratory Control Standard



Client: Del Mar Analytical

QC Report Date: Monday, September 24, 2001

Project Name: IKH0272

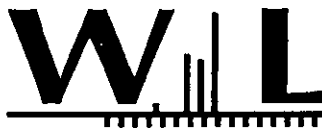
Project #:

QUALITY CONTROL REPORT

QC Lab#	TestGroup	Parameter	Sample Result	QC Result	Units	Amt. Added/ True Value	%R or RPD	%RPD for MSD	Low Limit	High Limit
A105470-001MS	507_ms	Alachlor		3.61	ug/L	4	0		60	130
A105470-001MS	507_ms	Atrazine		ND	ug/L	1	0		57	127
A105470-001MS	507_ms	Bromacil		20.1	ug/L	20	0		56	126
A105470-001MS	507_ms	Butachlor		1.85	ug/L	2	0		58	128
A105470-001MS	507_ms	Diazinon		1.03	ug/L	1	0		58	128
A105470-001MS	507_ms	Metolachlor		1.66	ug/L	2	0		23	149
A105470-001MS	507_ms	Metribuzin		1.87	ug/L	2	0		66	136
A105470-001MS	507_ms	Molinate		ND	ug/L	1	0		63	133
A105470-001MS	507_ms	Prometryn		ND	ug/L	1	0		58	128
A105470-001MS	507_ms	Simazine		ND	ug/L	1	0		65	135
A105470-001MS	507_ms	Thiobencarb		3.80	ug/L	4	95		26	167
A105470-001MSD	507_msd	Alachlor		3.68	ug/L	4	0		60	130
A105470-001MSD	507_msd	Atrazine		1.05	ug/L	1	0		57	127
A105470-001MSD	507_msd	Bromacil		20.0	ug/L	20	0		56	126
A105470-001MSD	507_msd	Butachlor		1.90	ug/L	2	0		58	128
A105470-001MSD	507_msd	Diazinon		1.15	ug/L	1	0		58	128
A105470-001MSD	507_msd	Metolachlor		1.65	ug/L	2	0		23	149
A105470-001MSD	507_msd	Metribuzin		1.97	ug/L	2	0		66	136
A105470-001MSD	507_msd	Molinate		ND	ug/L	1	0		63	133
A105470-001MSD	507_msd	Prometryn		ND	ug/L	1	0		58	128
A105470-001MSD	507_msd	Simazine		1.06	ug/L	1	0		65	135
A105470-001MSD	507_msd	Thiobencarb		3.66	ug/L	4	91.5	4	26	167
A105510-001SURR	507_sur	1,3-dimethyl-2-nitrobenzene		1.91	ug/L	2.5	76.4		70	130
A105532-001SURR	507_sur	1,3-dimethyl-2-nitrobenzene		1.96	ug/L	2.5	78.4		70	130
A105537-001SURR	507_sur	1,3-dimethyl-2-nitrobenzene		1.91	ug/L	2.5	76.4		70	130
A105538-001SURR	507_sur	1,3-dimethyl-2-nitrobenzene		1.77	ug/L	2.5	70.8		70	130
A105539-001SURR	507_sur	1,3-dimethyl-2-nitrobenzene		1.85	ug/L	2.5	74		70	130
A105565-001SURR	507_sur	1,3-dimethyl-2-nitrobenzene		2.66	ug/L	2.5	106.4		70	130
A105565-002SURR	507_sur	1,3-dimethyl-2-nitrobenzene		1.90	ug/L	2.5	76		70	130
LCS	507_lcs	Alachlor		3.75	ug/L	4	93.8		25	160
LCS	507_lcs	Atrazine		ND	ug/L	1	92.3		22	156
LCS	507_lcs	Bromacil		21.4	ug/L	20	107		28	168
LCS	507_lcs	Butachlor		1.83	ug/L	2	91.5		23	160
LCS	507_lcs	Diazinon		1.08	ug/L	1	108		14	157
LCS	507_lcs	Metolachlor		1.58	ug/L	2	79		34	138
LCS	507_lcs	Metribuzin		1.91	ug/L	2	95.5		44	132
LCS	507_lcs	Molinate		ND	ug/L	1	85.8		24	163

Note:

ND = Not Detected MS = Matrix Spike MSD = Matrix Spike Duplicate SURR = Surrogate
 BL = Blank DUP = Duplicate RPD = Relative Percent Deviation LCS = Laboratory Control Standard



Client: Del Mar Analytical
 Project Name: IKH0272

QC Report Date: Monday, September 24, 2001
 Project #:

QUALITY CONTROL REPORT

QC Lab#	TestGroup	Parameter	Sample Result	QC Result	Units	Amt. Added/ True Value	%R or RPD	%RPD for MSD	Low Limit	High Limit
LCS	507_lcs	Prometryn		ND	ug/L	1	97.2		21	160
LCS	507_lcs	Simazine		1.02	ug/L	1	102		29	162
LCS	507_lcs	Thiobencarb		4.06	ug/L	4	101.5		33	154
Method Blank	507_bl	Alachlor		ND	ug/L		0			1
Method Blank	507_bl	Atrazine		ND	ug/L		0			1
Method Blank	507_bl	Bromacil		ND	ug/L		0			10
Method Blank	507_bl	Butachlor		ND	ug/L		0			0.38
Method Blank	507_bl	Diazinon		ND	ug/L		0			0.25
Method Blank	507_bl	Dimethoate		ND	ug/L		0			10
Method Blank	507_bl	Metolachlor		ND	ug/L		0			0.5
Method Blank	507_bl	Metribuzin		ND	ug/L		0			0.5
Method Blank	507_bl	Molinate		ND	ug/L		0			2
Method Blank	507_bl	Prometon		ND	ug/L		0			1
Method Blank	507_bl	Prometryn		ND	ug/L		0			2
Method Blank	507_bl	Simazine		ND	ug/L		0			1
Method Blank	507_bl	Thiobencarb		ND	ug/L		0			1

Worksheet #:	Lab#:	Test Name	Analyzed Date
WS26934	A105510-001	Triazine pesticides in drinking water	8/20/01
WS26934	A105532-001	Triazine pesticides in drinking water	8/20/01
WS26934	A105537-001	Triazine pesticides in drinking water	8/20/01
WS26934	A105538-001	Triazine pesticides in drinking water	8/20/01
WS26934	A105539-001	Triazine pesticides in drinking water	8/20/01
WS26934	A105565-001	Triazine pesticides in drinking water	8/20/01
WS26934	A105565-002	Triazine pesticides in drinking water	8/20/01

Note:

ND = Not Detected MS = Matrix Spike MSD = Matrix Spike Duplicate SURR = Surrogate
 BL = Blank DUP = Duplicate RPD = Relative Percent Deviation LCS = Laboratory Control Standard



City of Simi Valley, Water Quality Control Plant Project ID: Semi-annual Monitoring
 2929 Tapo Canyon Road SV Lab# 9081, W10
 Simi Valley, CA 93063 Report Number: IKH0272
 Attention: Barbara Santos

Sampled: 08/07/01
 Received: 08/08/01

METHOD BLANK/QC DATA

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	RPD Limits RPD	RPD Limit	Data Qualifiers
Batch: 11H1028 Extracted: 08/10/01									
Blank Analyzed: 08/13/01 (11H1028-BLK1)									
Acenaphthene	ND	10	ug/l						
Acenaphthylene	ND	10	ug/l						
Aniline	ND	10	ug/l						
Anthracene	ND	10	ug/l						
Azobenzene	ND	20	ug/l						
Benzidine	ND	100	ug/l						
Benzoic acid	ND	100	ug/l						
Benzo(a)anthracene	ND	10	ug/l						
Benzo(b)fluoranthene	ND	10	ug/l						
Benzo(k)fluoranthene	ND	10	ug/l						
Benzo(g,h,i)perylene	ND	10	ug/l						
Benzo(a)pyrene	ND	10	ug/l						
Benzyl alcohol	ND	20	ug/l						
Bis(2-chloroethoxy)methane	ND	10	ug/l						
Bis(2-chloroethyl)ether	ND	10	ug/l						
Bis(2-chloroisopropyl)ether	ND	10	ug/l						
Bis(2-ethylhexyl)phthalate	ND	100	ug/l						
Bromophenyl phenyl ether	ND	10	ug/l						
Butyl benzyl phthalate	ND	20	ug/l						
4-Chloroaniline	ND	10	ug/l						
2-Chloronaphthalene	ND	10	ug/l						
4-Chloro-3-methylphenol	ND	20	ug/l						
2-Chlorophenol	ND	10	ug/l						
4-Chlorophenyl phenyl ether	ND	10	ug/l						
Chrysene	ND	10	ug/l						
Dibenz(a,h)anthracene	ND	20	ug/l						
2-Benzofuran	ND	10	ug/l						
n-butyl phthalate	ND	20	ug/l						
1,3-Dichlorobenzene	ND	10	ug/l						
1,4-Dichlorobenzene	ND	10	ug/l						
1,2-Dichlorobenzene	ND	10	ug/l						
3,5-Dichlorobenzidine	ND	40	ug/l						
2,4-Dichlorophenol	ND	10	ug/l						
Diethyl phthalate	ND	10	ug/l						
1,1-Dimethylphenol	ND	20	ug/l						
Dimethyl phthalate	ND	10	ug/l						

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager



City of Simi Valley, Water Quality Control Plant Project ID: Semi-annual Monitoring
 2929 Tapo Canyon Road SV Lab# 9081, W10
 Simi Valley, CA 93063 Report Number: IKH0272
 Attention: Barbara Santos

Sampled: 08/07/01
 Received: 08/08/01

METHOD BLANK/QC DATA

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	RPD Limits RPD	RPD Limit	Data Qualifiers
Batch: 11H1028 Extracted: 08/10/01									
Blank Analyzed: 08/13/01 (11H1028-BLK1)									
1,3-Dinitro-2-methylphenol	ND	40	ug/l						
2,4-Dinitrophenol	ND	100	ug/l						
2,4-Dinitrotoluene	ND	10	ug/l						
3,5-Dinitrotoluene	ND	10	ug/l						
Di-n-octyl phthalate	ND	40	ug/l						
Fluoranthene	ND	10	ug/l						
Indene	ND	10	ug/l						
Hexachlorobenzene	ND	10	ug/l						
Hexachlorobutadiene	ND	10	ug/l						
Hexachlorocyclopentadiene	ND	40	ug/l						
Hexachloroethane	ND	10	ug/l						
Indeno(1,2,3-cd)pyrene	ND	20	ug/l						
Isophorone	ND	10	ug/l						
1-Methylnaphthalene	ND	10	ug/l						
2-Methylphenol	ND	10	ug/l						
4-Methylphenol	ND	10	ug/l						
1,2,3-Trichlorophthalene	ND	10	ug/l						
2-Nitroaniline	ND	20	ug/l						
3-Nitroaniline	ND	20	ug/l						
4-Nitroaniline	ND	100	ug/l						
1-Nitrobenzene	ND	40	ug/l						
2-Nitrophenol	ND	10	ug/l						
4-Nitrophenol	ND	100	ug/l						
N-Nitrosodiphenylamine	ND	10	ug/l						
N-Nitroso-di-n-propylamine	ND	10	ug/l						
Pentachlorophenol	ND	40	ug/l						
Benanthrene	ND	10	ug/l						
Phenol	ND	10	ug/l						
Pyrene	ND	10	ug/l						
1,2,3,4-Trichlorobenzene	ND	10	ug/l						
1,2,5-Trichlorophenol	ND	20	ug/l						
2,4,6-Trichlorophenol	ND	20	ug/l						
1,2-Diphenylhydrazine	ND	500	ug/l						
N-Nitrosodimethylamine	ND	20	ug/l						
Cresol	ND	10	ug/l						
Surrogate: 2-Fluorophenol	146		ug/l	200		73.0	30-110		

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager



City of Simi Valley, Water Quality Control Plant Project ID: Semi-annual Monitoring
 2929 Tapo Canyon Road SV Lab# 9081, W10
 Simi Valley, CA 93063 Report Number: IKH0272
 Attention: Barbara Santos

Sampled: 08/07/01
 Received: 08/08/01

METHOD BLANK/QC DATA

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD RPD	RPD Limit	Data Qualifiers
Batch: I1H1028 Extracted: 08/10/01										
Blank Analyzed: 08/13/01 (I1H1028-BLK1)										
Surrogate: Phenol-d6	166		ug/l	200		83.0	40-110			
Surrogate: 2,4,6-Tribromophenol	121		ug/l	200		60.5	55-140			
Surrogate: Nitrobenzene-d5	80.3		ug/l	100		80.3	40-110			
Surrogate: 2-Fluorobiphenyl	80.1		ug/l	100		80.1	40-120			
Surrogate: Terphenyl-d14	83.8		ug/l	100		83.8	55-160			
CS Analyzed: 08/13/01 (I1H1028-BS1)										
Acenaphthene	85.0	10	ug/l	100		85.0	55-120			
Acenaphthylene	81.7	10	ug/l	100		81.7	55-120			
Aniline	29.3	10	ug/l	100		29.3	30-120			L2
Anthracene	93.4	10	ug/l	100		93.4	65-120			
Azobenzene	95.8	20	ug/l	100		95.8	50-125			
Benzidine	ND	100	ug/l	100			10-200			L2
Benzoic acid	ND	100	ug/l	100		25.5	25-120			
Benzo(a)anthracene	91.5	10	ug/l	100		91.5	70-125			
Benzo(b)fluoranthene	100	10	ug/l	100		100	65-125			
Benzo(k)fluoranthene	110	10	ug/l	100		110	65-135			
Benzo(g,h,i)perylene	107	10	ug/l	100		107	25-150			
Benzo(a)pyrene	108	10	ug/l	100		108	70-125			
Benzyl alcohol	94.6	20	ug/l	100		94.6	45-120			
Bis(2-chloroethoxy)methane	82.9	10	ug/l	100		82.9	50-120			
Bis(2-chloroethyl)ether	82.0	10	ug/l	100		82.0	45-120			
Bis(2-chloroisopropyl)ether	89.9	10	ug/l	100		89.9	36-120			
Bis(2-ethylhexyl)phthalate	ND	100	ug/l	100		90.4	65-140			
Bromophenyl phenyl ether	95.5	10	ug/l	100		95.5	55-120			
Butyl benzyl phthalate	91.3	20	ug/l	100		91.3	70-135			
4-Chloroaniline	87.8	10	ug/l	100		87.8	25-120			
1-Chloronaphthalene	82.9	10	ug/l	100		82.9	60-118			
4-Chloro-3-methylphenol	96.8	20	ug/l	100		96.8	55-120			
2-Chlorophenol	77.9	10	ug/l	100		77.9	45-120			
1-Chlorophenyl phenyl ether	89.2	10	ug/l	100		89.2	60-120			
Chrysene	90.5	10	ug/l	100		90.5	70-130			
Dibenz(a,h)anthracene	104	20	ug/l	100		104	50-130			
2-Benzofuran	87.2	10	ug/l	100		87.2	55-120			
1-n-butyl phthalate	98.0	20	ug/l	100		98.0	60-118			
1,3-Dichlorobenzene	58.2	10	ug/l	100		58.2	30-120			
1,4-Dichlorobenzene	66.4	10	ug/l	100		66.4	35-120			

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager



City of Simi Valley, Water Quality Control Plant 2929 Tapo Canyon Road Simi Valley, CA 93063 Attention: Barbara Santos	Project ID: Semi-annual Monitoring SV Lab# 9081, W10 Report Number: IKH0272	Sampled: 08/07/01 Received: 08/08/01
---	---	---

METHOD BLANK/QC DATA

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	RPD Limits	RPD RPD	RPD Limit	Data Qualifiers
Batch: 11H1028 Extracted: 08/10/01										
CS Analyzed: 08/13/01 (11H1028-BS1)										
1,2-Dichlorobenzene	67.3	10	ug/l	100	67.3	45-120				
1,3-Dichlorobenzidine	82.0	40	ug/l	100	82.0	35-145				
2,4-Dichlorophenol	76.4	10	ug/l	100	76.4	50-120				
Diethyl phthalate	93.3	10	ug/l	100	93.3	65-114				
1,4-Dimethylphenol	70.4	20	ug/l	100	70.4	32-119				
Dimethyl phthalate	90.7	10	ug/l	100	90.7	65-112				
2,6-Dinitro-2-methylphenol	70.0	40	ug/l	100	70.0	65-125				
2,4-Dinitrophenol	ND	100	ug/l	100	48.2	40-125				
2,4-Dinitrotoluene	92.3	10	ug/l	100	92.3	65-120				
2,6-Dinitrotoluene	91.1	10	ug/l	100	91.1	65-120				
Di-n-octyl phthalate	101	40	ug/l	100	101	55-146				
Fluoranthene	96.7	10	ug/l	100	96.7	70-120				
Fluorene	87.8	10	ug/l	100	87.8	59-120				
Hexachlorobenzene	86.8	10	ug/l	100	86.8	60-120				
Hexachlorobutadiene	63.6	10	ug/l	100	63.6	35-116				
Hexachlorocyclopentadiene	48.1	40	ug/l	100	48.1	10-120				
Hexachloroethane	65.2	10	ug/l	100	65.2	40-113				
Indeno(1,2,3-cd)pyrene	114	20	ug/l	100	114	40-135				
Isophorone	87.3	10	ug/l	100	87.3	50-120				
2-Methylnaphthalene	78.8	10	ug/l	100	78.8	55-120				
2-Methylphenol	85.7	10	ug/l	100	85.7	45-120				
4-Methylphenol	90.3	10	ug/l	100	90.3	45-120				
Naphthalene	75.8	10	ug/l	100	75.8	45-120				
2-Nitroaniline	106	20	ug/l	100	106	50-135				
3-Nitroaniline	90.5	20	ug/l	100	90.5	50-125				
4-Nitroaniline	ND	100	ug/l	100	98.7	55-140				
1,2,4-Trichlorobenzene	84.1	40	ug/l	100	84.1	45-120				
2-Nitrophenol	83.3	10	ug/l	100	83.3	50-120				
4-Nitrophenol	ND	100	ug/l	100	90.1	50-132				
n-Nitrosodiphenylamine	90.6	10	ug/l	100	90.6	45-120				
n-Nitroso-di-n-propylamine	96.6	10	ug/l	100	96.6	45-125				
Pentachlorophenol	54.9	40	ug/l	100	54.9	50-130				
Phenanthrene	89.3	10	ug/l	100	89.3	65-120				
Phenol	78.7	10	ug/l	100	78.7	35-112				
Styrene	85.0	10	ug/l	100	85.0	65-115				
1,2,4-Trichlorobenzene	66.1	10	ug/l	100	66.1	50-120				

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical.



City of Simi Valley, Water Quality Control Plant Project ID: Semi-annual Monitoring
 2929 Tapo Canyon Road SV Lab# 9081, W10
 Simi Valley, CA 93063 Report Number: IKH0272
 Attention: Barbara Santos

Sampled: 08/07/01
 Received: 08/08/01

METHOD BLANK/QC DATA

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	RPD RPD	RPD Limit	Data Qualifiers
Batch: 11H1028 Extracted: 08/10/01									
LCS Analyzed: 08/13/01 (11H1028-BS1)									
2,4,5-Trichlorophenol	87.2	20	ug/l	100		87.2	55-120		
2,4,6-Trichlorophenol	82.6	20	ug/l	100		82.6	55-120		
Surrogate: 2-Fluorophenol	146		ug/l	200		73.0	30-110		
Surrogate: Phenol-d6	176		ug/l	200		88.0	40-110		
Surrogate: 2,4,6-Tribromophenol	177		ug/l	200		88.5	55-140		
Surrogate: Nitrobenzene-d5	84.1		ug/l	100		84.1	40-110		
Surrogate: 2-Fluorobiphenyl	82.9		ug/l	100		82.9	40-120		
Surrogate: Terphenyl-d14	88.9		ug/l	100		88.9	55-160		

LCS Dup Analyzed: 08/13/01 (11H1028-BSD1)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	RPD RPD	RPD Limit	Data Qualifiers
Benaphthene	86.8	10	ug/l	100		86.8	55-120	2.10	35
Benaphthylene	84.8	10	ug/l	100		84.8	55-120	3.72	20
Aniline	94.6	10	ug/l	100		94.6	30-120	105	40 R2
Anthracene	93.9	10	ug/l	100		93.9	65-120	0.534	15
Acenaphthene	97.2	20	ug/l	100		97.2	50-125	1.45	15
Benididine	ND	100	ug/l	100		92.8	10-200		35 R2
Benzoic acid	ND	100	ug/l	100		28.2	25-120	10.1	40
Benzo(a)anthracene	93.5	10	ug/l	100		93.5	70-125	2.16	20
Benzo(b)fluoranthene	110	10	ug/l	100		110	65-125	9.52	20
Benzo(k)fluoranthene	107	10	ug/l	100		107	65-135	2.76	25
Benzo(g,h,i)perylene	111	10	ug/l	100		111	25-150	3.67	25
Benzo(a)pyrene	112	10	ug/l	100		112	70-125	3.64	15
Benzyl alcohol	95.6	20	ug/l	100		95.6	45-120	1.05	25
Bis(2-chloroethoxy)methane	85.6	10	ug/l	100		85.6	50-120	3.20	25
Bis(2-chloroethyl)ether	85.5	10	ug/l	100		85.5	45-120	4.18	25
Bis(2-chloroisopropyl)ether	90.8	10	ug/l	100		90.8	36-120	0.996	25
Bis(2-ethylhexyl)phthalate	ND	100	ug/l	100		90.2	65-140	0.221	15
4-Bromophenyl phenyl ether	97.7	10	ug/l	100		97.7	55-120	2.28	20
Butyl benzyl phthalate	93.5	20	ug/l	100		93.5	70-135	2.38	15
4-Chloroaniline	92.0	10	ug/l	100		92.0	25-120	4.67	50
2-Chloronaphthalene	86.9	10	ug/l	100		86.9	60-118	4.71	25
4-Chloro-3-methylphenol	96.6	20	ug/l	100		96.6	55-120	0.207	25
2-Chlorophenol	81.1	10	ug/l	100		81.1	45-120	4.03	25
4-Chlorophenyl phenyl ether	90.9	10	ug/l	100		90.9	60-120	1.89	20
Chrysene	94.0	10	ug/l	100		94.0	70-130	3.79	10
Dibenz(a,h)anthracene	110	20	ug/l	100		110	50-130	5.61	15
Dibenzofuran	90.0	10	ug/l	100		90.0	55-120	3.16	25

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager



City of Simi Valley, Water Quality Control Plant 2929 Tapo Canyon Road Simi Valley, CA 93063 Attention: Barbara Santos	Project ID: Semi-annual Monitoring SV Lab# 9081, W10 Report Number: IKH0272	Sampled: 08/07/01 Received: 08/08/01
---	---	---

METHOD BLANK/QC DATA

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limit RPD	RPD Limit	Data Qualifiers
Batch: 11H1028 Extracted: 08/10/01									
CS Dup Analyzed: 08/13/01 (11H1028-BSD1)									
n-butyl phthalate	98.0	20	ug/l	100	98.0	60-118	0.00	10	M-NR1
1,3-Dichlorobenzene	63.7	10	ug/l	100	63.7	30-120	9.02	30	
1,4-Dichlorobenzene	71.4	10	ug/l	100	71.4	35-120	7.26	25	
1,2-Dichlorobenzene	71.6	10	ug/l	100	71.6	45-120	6.19	25	
1,3-Dichlorobenzidine	102	40	ug/l	100	102	35-145	21.7	25	
2,4-Dichlorophenol	80.6	10	ug/l	100	80.6	50-120	5.35	25	
Methyl phthalate	92.9	10	ug/l	100	92.9	65-114	0.430	15	
1,4-Dimethylphenol	72.7	20	ug/l	100	72.7	32-119	3.21	30	
Dimethyl phthalate	90.2	10	ug/l	100	90.2	65-112	0.553	20	
1,6-Dinitro-2-methylphenol	70.4	40	ug/l	100	70.4	65-125	0.570	20	
1,4-Dinitrophenol	ND	100	ug/l	100	43.7	40-125	9.79	30	
2,4-Dinitrotoluene	91.5	10	ug/l	100	91.5	65-120	0.871	20	
2,6-Dinitrotoluene	91.8	10	ug/l	100	91.8	65-120	0.765	20	
n-octyl phthalate	106	40	ug/l	100	106	55-146	4.83	20	
Fluoranthene	98.5	10	ug/l	100	98.5	70-120	1.84	15	
Fluorene	89.2	10	ug/l	100	89.2	59-120	1.58	30	
Hexachlorobenzene	88.0	10	ug/l	100	88.0	60-120	1.37	15	
Hexachlorobutadiene	71.9	10	ug/l	100	71.9	35-116	12.3	25	
Hexachlorocyclopentadiene	52.1	40	ug/l	100	52.1	10-120	7.98	35	
Hexachloroethane	70.1	10	ug/l	100	70.1	40-113	7.24	25	
Benzo(1,2,3-cd)pyrene	116	20	ug/l	100	116	40-135	1.74	20	
Isophorone	83.1	10	ug/l	100	88.1	50-120	0.912	20	
2-Methylnaphthalene	81.2	10	ug/l	100	81.2	55-120	3.00	20	
1-Methylphenol	88.2	10	ug/l	100	88.2	45-120	2.88	25	
2-Methylphenol	92.0	10	ug/l	100	92.0	45-120	1.87	25	
Naphthalene	80.3	10	ug/l	100	80.3	45-120	5.77	25	
3-Nitroaniline	108	20	ug/l	100	108	50-135	1.87	15	
2-Nitroaniline	93.2	20	ug/l	100	93.2	50-125	2.94	20	
4-Nitroaniline	102	100	ug/l	100	102	55-140	3.29	15	
Nitrobenzene	88.3	40	ug/l	100	88.3	45-120	4.87	25	
2-Nitrophenol	87.6	10	ug/l	100	87.6	50-120	5.03	50	
4-Nitrophenol	ND	100	ug/l	100	93.2	50-132	3.38	30	
n-Nitrosodiphenylamine	92.7	10	ug/l	100	92.7	45-120	2.29	20	
p-Nitroso-di-n-propylamine	94.2	10	ug/l	100	94.2	45-125	2.52	25	
1,2,4-Trichlorophenol	55.2	40	ug/l	100	55.2	50-130	0.545	45	
Phenanthrene	90.6	10	ug/l	100	90.6	65-120	1.45	20	

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager



City of Simi Valley, Water Quality Control Plant 2929 Tapo Canyon Road Simi Valley, CA 93063 Attention: Barbara Santos	Project ID: Semi-annual Monitoring SV Lab# 9081, W10 Report Number: IKH0272	Sampled: 08/07/01 Received: 08/08/01
---	---	---

METHOD BLANK/QC DATA

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limits RPD	RPD Limit	Data Qualifiers
Batch: I1H1028 Extracted: 08/10/01									
CS Dup Analyzed: 08/13/01 (I1H1028-BSD1)									
Phenol	81.9	10	ug/l	100		81.9	35-112 3.99	25	M-NR1
Pyrene	83.8	10	ug/l	100		83.8	65-115 1.42	15	
1,2,4-Trichlorobenzene	71.8	10	ug/l	100		71.8	50-120 8.27	25	
2,3,5-Trichlorophenol	88.4	20	ug/l	100		88.4	55-120 1.37	35	
2,4,6-Trichlorophenol	87.5	20	ug/l	100		87.5	55-120 5.76	25	
Surrogate: 2-Fluorophenol	153		ug/l	200		76.5	30-110		
Surrogate: Phenol-d6	175		ug/l	200		87.5	40-110		
Surrogate: 2,4,6-Tribromophenol	175		ug/l	200		87.5	55-140		
Surrogate: Nitrobenzene-d5	88.3		ug/l	100		88.3	40-110		
Surrogate: 2-Fluorobiphenyl	85.1		ug/l	100		85.1	40-120		
Surrogate: Terphenyl-d14	87.9		ug/l	100		87.9	55-160		



City of Simi Valley, Water Quality Control Plant 2929 Tapo Canyon Road Simi Valley, CA 93063 Attention: Barbara Santos	Project ID: Semi-annual Monitoring SV Lab# 9081, W10 Report Number: IKH0272	Sampled: 08/07/01 Received: 08/08/01
---	---	---

DATA QUALIFIERS AND DEFINITIONS

- L2** Laboratory Control Sample recovery was below method control limits. See Corrective Action Report.
- M-NR1** There was no MS/MSD analyzed with this batch due to insufficient sample volume. See Blank Spike/Blank Spike Duplicate.
- R2** The RPD exceeded the method control limit. See Corrective Action Report.
- ND** Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.
- NR** Not reported.
- RPD** Relative Percent Difference



City of Simi Valley, Water Quality Control Plant Project ID: Semi-annual Monitoring
 2929 Tapo Canyon Road SV Lab# 9081, W10
 Simi Valley, CA 93063 Report Number: IKH0272
 Attention: Barbara Santos

Sampled: 08/07/01
 Received: 08/08/01

METHOD BLANK/QC DATA

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS (EPA 418.1)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: I1H0936 Extracted: 08/09/01									
Blank Analyzed: 08/09/01 (I1H0936-BLK1)									
Total Recoverable Hydrocarbons	ND	1.0	mg/l						
LCS Analyzed: 08/09/01 (I1H0936-BS1)									
Total Recoverable Hydrocarbons	4.78	1.0	mg/l	5.00		95.6 80-120			M-NRI
LCS Dup Analyzed: 08/09/01 (I1H0936-BSD1)									
Total Recoverable Hydrocarbons	4.50	1.0	mg/l	5.00		90.0 80-120	6.03	15	M-NRI

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

ANALYTICAL QUALITY ASSURANCE PROGRAM

The Quality Assurance Program is a continuing program to insure the reliability, precision and accuracy of data produced by the laboratory. It emphasizes prevention, early detection and correction of factors that could result in questionable data validating the generated data. It discusses the basic factors of water and wastewater measurements that determine the value of analytical results and provides recommendations for the control of these factors to insure that analytical results are accurate. These recommendations are basic to the City's Quality Assurance Program and increases confidence in the reliability of reported analytical results.

I. ORGANIZATION

A. Qualification and Background of Personnel

1. Laboratory Supervisor - Barbara M. Santos

Certification: AWWA Water Quality Analyst Grade 3 Cert. #00486
CWEA Water Quality Analyst Grade 3 Cert. #206

Education: California State University Northridge
Masters Degree in Public Administration

University of Santo Tomas
B.S. Degree in Medical Technology

Experience: Jacobs Environmental Laboratory
June 1981 to January 1984

City of Simi Valley
January 1984 to present

2. Laboratory Chemist - KuChung Chen

Certification: CWEA Laboratory Analyst Grade 3 Cert. #84
Pittsburg State University
M.S. in Chemistry

Education: Chung Yuan College of Science and Engineering
B.S. Degree in Chemical Engineering

Experience: City of Simi Valley
December 1979 to present

3. Laboratory Technician - Bradley Davis

Certification: CWEA Laboratory Analyst, Grade 2 Cert. # 73201

Education: California State University Humboldt
B.S. Degree in Oceanography (Chemistry emphasis)

Experience: Laboratory Director, United Water/City of Avalon
WWTP - October 199 to December 2001

City of Simi Valley WWTP
January 2001 to present

4. Laboratory Technician - Ken Besnia

Certification: AWWA Water Quality Analyst Grade III Cert.
#00350
CWEA Laboratory Analyst Grade 2 #405

Education: Fitchburgh State College
B.S. in Biology

Experience: County of Ventura - Lab Assistant
January 1991 to May 1992

City of Simi Valley
May 1992 to present

5. Laboratory Technician - Gregorio Domingo

Certification: AWWA Water Quality Analyst Grade I Cert.
#00562

Education: Manuel L. Quezon University
B.S. Degree in Chemistry

Experience: U.S. Navy Public Work Center, Pearl Harbor,
Hawaii - Physical Science Technician
July 1979 to December 1992

Binictican Water Treatment Plant
Utilities Dept. SBMA, Philippines
Head of Physical Science
June 1992 to August 1994

City of Simi Valley
April 1995 to present

B. Responsibilities of Personnel

Laboratory Supervisor

Definition: Under general direction of the Sanitation Services Manager and Sanitation Plant Operations Manager, the Lab Supervisor is responsible for coordinating and supervising the ongoing operation of a state certified chemical and bacteriological laboratory for the purpose of meeting the Water Quality Control Plant's NPDES Discharge Requirements mandated by federal, state, and local regulatory agencies.

Example of Duties: The Laboratory Supervisor supervises the performance of lab personnel and performs all standard chemical, bacteriological and physical analysis as required. The Lab Supervisor plans, directs and assures the accuracy and completion of the work produced by lab personnel. The Lab Supervisor reviews activities of the laboratory for effectiveness, efficiency and compliance with regulatory rules and regulations.

The Supervisor maintains and implements an ongoing extensive Quality Assurance Program as specified by EPA, SWQCB, and State Health Department, including running of duplicates, spikes, percent recoveries, known reference samples, running standard curves, graphing and other types of statistical analysis. The position is responsible for all correspondence and contact with regulatory agencies, salesmen, repairmen, and public tours, etc. The Lab Supervisor prepares and submits budget recommendations for lab staffing, equipment, materials and supplies, and other necessary items. The Lab Supervisor maintains an adequate supply of chemicals and equipment to ensure the uninterrupted work of lab. The Lab Supervisor maintains detailed records, data books and prepares a variety of technical books and reports. The Lab Supervisor participates in lab personnel selection and evaluation of work performance when necessary. The Lab Supervisor trains new laboratory personnel in safe and proper techniques and procedures and performs related work as required.

Laboratory Chemist

Definition: The prime responsibilities of the City Chemist is to perform various skilled laboratory work including sampling and analysis of water, wastewater and industrial waste samples, set up new laboratory procedures and assure quality results, assist in the planning and coordination of the entire laboratory operation and help establish and evaluate objectives and goals; and conduct training of other laboratory personnel on wastewater analysis with emphasis on proper techniques and safety. The Chemist is in charge of the operation and maintenance of all laboratory equipment, record keeping, quality assurance program, and laboratory data entry into the computer.

Laboratory Technician

Definition: Under general supervision of the Laboratory Supervisor and the Lab Chemist, performs independent, skilled laboratory work including analysis of

water, wastewater, sludge, industrial wastewater and receiving water and does related work as required. In the absence of the Lab Supervisor, he/she must be able to assume some of the duties of the Lab Supervisor.

Examples of Duties: Collects and analyze a variety of samples for standard routine chemical, bacteriological and physical analysis; maintains laboratory records including Quality Assurance information, sample logs, data books, and maintenance books; and assists the Lab Supervisor with reports. The Lab Technician prepares all standard solutions, reagents and media, equipment repairs; maintains and operates a variety of lab equipment; keeps laboratory and equipment clean; and performs other related duties as assigned.

II. RECORDS

- A. Data Accessibility — All relevant data including data sheets, monthly reports, log books and other data books are kept in the lab for a period of five years.
- B. Sample Logbooks and Worksheets — Logbooks are kept for entering the date, time, sample type, sample origin, sample collector, analyst and type of analysis required. A specific laboratory identification number is assigned to each sample that comes in.
- C. Data Work Books — All data generated by the lab is written in ink and is kept either in a bound notebook and/or on data worksheets. The data is reported on a monthly basis to the State for NPDES Discharge Requirements and is recorded in a bound master data notebook. All monthly analysis, municipal data, and river data are also recorded in bound data books.
- D. Graphs and Charts — Standard curves have been established for each analysis involving photometric determination. These curves are verified each time an analysis is performed by including at least two different standard concentrations in each run. All standard curves (new and old) are kept in the lab in a spiral notebook.
- E. Records for Media Preparation — Records for media preparation, as well as other Quality Assurance Data are kept in a Quality Assurance notebook. Entries include: date, analyst, type and strength of media prepared, dry weight of media, lot, control number, sterility check (five percent median incubated at $35^{\circ} \text{C} \pm$ for two days and checked for growth), and positive - negative check.
- F. Inventory Control — An adequate supply of chemicals and lab supplies is maintained at all times to ensure the uninterrupted work of the laboratory. The chemicals and lab supplies are inventoried annually. A record of the quantity of supplies purchased for the lab is maintained.

III. SAMPLING PROCEDURES

- A. Sample Location, Technique, Preservatives, and Bottles — All samples are collected, handled and preserved in accordance with Standard Methods for

the Examination of Water and Wastewater, 18th Edition, A.P.H.A. Washington, D.C., (1975) [1980 and Methods for Chemical Analysis of Water and Wastes, Environmental Protection Agency, Washington, D.C. (1979)].

All samples are obtained to meet the requirements of the sampling program and are handled in such a way that it does not deteriorate or become contaminated before it reaches the laboratory. The samples are analyzed immediately upon receipt in the lab (when possible), since the shorter the time that elapses between collection of a sample and its analysis, the more reliable will be the analytical results. In the event analysis cannot be started immediately, EPA developed methods to preserve the sample are used.

The samples (influent, effluent) collected for tests required by our NPDES discharge requirements on a daily or monthly basis are time/or flow composited by a twenty-four hour automatic sampler with a refrigerated compartment. All other samples taken for discharge requirements, process control and industrial wastes are generally grab samples which are taken at specific times for predetermined sampling points and/or sample schedules posted in the lab.

IV. MEASUREMENTS AND ANALYSES

- A. Standard Procedures Followed — Standard procedures used in this laboratory for the analysis of water and wastewater are done in accordance with current EPA, Federal Register Guideline procedures or as specified in the monitoring program. Standard references most often used include:

Standard Methods for Examination of Water and Wastewater, APHA, AWWA, WPCF, 18th Edition.

Methods for Chemical Analysis of Water and Wastes, EPA 1983 Test Methods for Evaluations Solid Waste Physical/Chemical Methods EPA 1982.

Annual Book of Standards, Part 31, ASTM, 1979

Other references used are available in the lab's main library. A working set of methods abstracted from the above references is also kept in the main library.

- B. Reagent, Standard and Media Preparation — As a minimum, all reagents used in the laboratory will be at least analytical reagent grade. Reagents of lesser purity than specified for the method are not used. Upon delivery of any chemical, it is checked immediately to see that it meets quality assurance requirements. The container is marked (in ink) with the date of receipt and initialed by the checker.

Reagents and Standards are always prepared and standardized with the utmost of care and technique. Only distilled or deionized (good quality) water is used in their preparation. Only small amounts of reagents that have a short shelf life area prepared at any one time. They are

restandardized or prepared fresh as often as required. Stock and working standard solutions area checked frequently for signs of deterioration, such as discoloration or precipitation. All solutions prepared in the lab are accurately labeled as to composition, concentration, date of preparation, and preparer. Commercially prepared reagents and standard solutions area used as long as they are checked for accuracy.

Primary standards area obtained from the National Bureau of Standards (NBS) whenever possible. Only reputable chemical supply houses are used as resources for supplies.

All other reagents, standards and media are prepared in accordance with Standard Methods, or the EPA Laboratory Manual. As reagents, standards, and media are prepared, they are recorded with all pertinent information in their respective sections of the Quality Assurance Book.

VI. INSTRUMENTS & EQUIPMENT

All instruments are standardized, calibrated and maintained in accordance with EPA guideline procedures for Quality Control and the instrument's manufacturer manuals. These manuals are kept on file and are made accessible to all laboratory personnel. In the event of instrument malfunction or breakdown, where laboratory personnel cannot find the source of the problem, the instrument is sent to the manufacturer or a reputable service company for repair.

- A. Personnel Training - Only laboratory personnel specifically trained to operate the instruments are authorized to do so.
- B. Maintenance Records - Records of calibration, maintenance, and servicing are kept in the Maintenance and Service Book.

A supply of bulbs, batteries, fuses and other essential replacement parts are kept in stock when possible.

- C. Thermometer Calibration - The laboratory thermometers used in the ovens and incubators are periodically checked against a National Bureau of Standards (NBS) Certified Thermometer. Calibration corrections are made and recorded in the Quality Assurance Book.
- D. Instrument Servicing, Calibration Standardization
 - 1. The **Analytical Balance** (Sartorius) is checked daily with known standard weights (mg and gm) and is calibrated and serviced annually by a certified balance technician. Weights are recorded daily in the Quality Assurance Book. Service Information is logged in the Instrument Maintenance Book.
 - 2. The **Triple Beam** (Ohaus) and **Toploading** (Sartorius) balances are kept clean and are periodically checked for accuracy.

3. The **Specific Ion Analyzer** (orion 901) is standardized daily with two buffers of different concentration (7 & 10). The buffers are changed every week or as needed.

Electrodes are kept clean and in good working order. Temperature and standardization information are recorded daily in the Quality Assurance Book.

4. The **Hach Turbidimeter** (Digital Turner Designs) is standardized daily with supplied turbidity standard. The standard is replaced *annually or as needed*. Standardization information recorded daily in the Quality Assurance Book.

5. The **Hach DR Spectrophotometer** (4000) is periodically checked with a spectro-checked set, which checks for straylight, calibration maximum absorbance and linearity. Blanks and Standards are run along with each analysis. Spectro-check information is recorded in the *Instrument Maintenance Book*.

6. The **Conductivity Meter** (Hach) is periodically standardized against a known standard sodium chloride solution. The conductivity of laboratory water is recorded daily in the Quality Assurance Book.

7. The **D.O. Meter** (YSI 5100 D.O. Meter) and oxygen electrode (Orion) are calibrated daily before use, in accordance with manufacturers instructions. Membranes and batteries are replaced as indicated by instrument performance. Calibration information is recorded daily in the Quality Assurance Book.

8. The **Microscope** (Microstar) and **Light Source** (American Optical) are serviced and cleaned as needed by a certified technician. Service information is logged in the Quality Assurance Book.

9. The **American Waterbaths** (VWR Scientific Model 1240 T) are cleaned and refilled with distilled or deionized water as needed. The various temperatures that correspond with different tests are noted and logged in the Quality Assurance Book.

10. The **Autoclave** (Market Forge Sterilmatic) is kept clean and is checked periodically for proper function. Three types of indicators are used to ensure adequate sterilization conditions. Including time, temperature and pressure: Diack Control, Sterilometer strips and Kilit ampules. Autoclave checks are recorded in the Quality Assurance Book, with each use.

11. The **Dishwasher** (Labconco) is checked on a regular basis to ensure proper cleaning is taking place.

12. The **Drying Oven** (Precision Scientific, Model 26) is periodically cleaned and kept at a constant temperature of $180 \pm 2^{\circ}\text{C}$. Temperature is recorded in the Quality Assurance Book, when the oven is used.

13. The **Drying Oven** (Blue M - Stabil-Therrn) is periodically cleaned and kept at a constant temperature of 103' - 105'C. The temperature is recorded twice daily (morning and evening) in the Quality Assurance Book.
14. The **Muffle Furnace** (Thermolyne 30400 Furnace) is periodically cleaned and is kept at a constant temperature of 550 ± 50"C. The temperature is recorded in the Quality Assurance Book when the furnace is used.
15. The **BOD Incubator** (Westinghouse) with **Incutrol/2** (Hach) is periodically cleaned and kept at a constant temperature of 20' ± 1'C. The temperature is recorded twice daily in the Quality Assurance Book.
16. The **Bacteria Incubator** (Precision Scientific, Model 2 and 4) are periodically cleaned and kept at a constant temperature of 35' ± 0.5'C. Occasionally, Model 2 is used at other temperatures. Temperatures are recorded twice daily in the Quality Assurance Book.
17. The **Refrigerators** (Fischer Scientific) and (Labline explosive proof) are periodically cleaned and are kept at a constant temperature of 4° - 5°C. Temperatures are recorded twice daily in the Quality Assurance Book.
18. The **Quebec Colony Counter** (American Optical) is used for testing and counting bacterial populations.
19. The **Bacti-Cinerator II** (S/P) is used for sterilizing transfer loops for bacterial analysis.
20. The **COD Reactor** (Hach) is used for the COD test.
21. The **Equipment Calculator** (Hewlett Packard, Casio and Texas Instrument) is used to make analytical calculations.
22. The **Distillation Apparatus** is used for various applications.
23. The **Ammonia Distillation Apparatus** (Lab Con Co) is used for ammonia testing.
24. **Equipment Samplers** are used for collecting samples.
25. The **Atomic Absorption Spectrophotometer** (Instrumentation Laboratory) is a sophisticated, highly technical instrument used for metal analysis.
26. **Commercial Blender** (Waring).
27. **Ultrasonic Cleaner** (L& R Co., T-21 B).

28. **Eletrophotometer II (Fischer).**
29. **HACH DR/2001 Spectrophotometer**
30. **HACH DR/3000 Spectrophotometer**
31. **Atomic Vapor Accessory Hydride Generator (Thermo Jarrell Ash).**
32. **755 Controlled Temperature Atomizer**
33. **Deuterium Arc - Background Corrector.**

- E. Equipment - Containers & Glassware - All equipment, containers, and glassware are checked periodically for chipped or broken edges or deformities and are discarded if deemed unsafe or unrepairable.

Glassware used for lab purposes is generally of borosilicate glass. For special purposes, other materials may be used such as stainless steel, porcelain, nickel, plastic, etc. Stoppers, caps and plugs are chosen for their resistance to the attack of material contained in the vessel. Teflon stopcocks are used exclusively in Burets and separatory funnels.

Polyethylene and polypropoline containers are used for sampling to reduce breakage. All volumetric glassware (burettes, volumetric flasks, pipets) are "Class A" Quality.

VII. QUALITY ASSURANCE PROCEDURES AND STATISTICS

Each lab analyst is expected to continuously review his data, evaluate his own technique and in general be thoroughly familiar with the Quality Assurance Methods used.

Quality Assurance programs have two primary functions in the laboratory. First, the program should continually monitor the reliability (accuracy and precision) of the results reported; for example, they should continually provide answers to the question "How good (accurate and precise) are the results obtained?" This function is the determination of quality. The second function is the control of quality to meet the program requirements for reliability. As an example of the distinction between the two functions, the processing of spiked samples may be a determination of measurement quality, but the use of analytical grade reagents is also a control measure.

The Simi Valley Water Quality Control Plant Laboratory practices and performs the following Quality Assurance procedures and statistics:

A. Precision - Precision refers to the reproducibility of analytical results when it is repeated on a homogeneous sample under controlled conditions, regardless of whether or not observed values are widely displaced from the true value as a result of systematic or constant errors present throughout the measures. The calculations used to test for precision by this lab are a modified Shewhart technique and are as follows:

1. Standard deviation from pairs of duplicate measurements:

$$S = \sqrt{\sum d^2 / 2n}$$

2. Standard deviation from many measurements on one sample:

$$S = \sqrt{\frac{\sum (\bar{x}_i - x)^2}{N - 1}}$$

3. Mean or average:

$$\bar{x} = \frac{\sum (x_i)}{N}$$

4. Range or difference between two numbers:

$$R = X_1 - X_2$$

Key Symbols

\bar{x} = Mean or Average	$d = d_1 - d_2$ the diff. in conc. of the two measurements
S = Std. deviation	n = Number of duplicate measurements
R = Range	N = Number of measurements
\sum = Summation	X_i = Values of individual measurements
X_1 = Value of sample number 1	X_2 = Value of sample number 2

5. The standard deviation of range = S_R

$$S_R = \sqrt{\frac{R_i^2 - (R_i)^2 / N}{N - 1}}$$

-

$$R = \sum R_i / N$$

-

$$UCL = R * D_4$$

$$UWL = \bar{R} + 2/3 R (D4 - 1)$$

$$LWL = \bar{R} * D3$$

Key to Symbols

S_R = Standard Deviation of Range

R_i = Range Difference between X_1 , X_2

N = Number of measurement

$D_4 = 3,27$ (Constant factor for computing control chart lines for 2 samples)

$D_3 = 0$ (Constant factor for computing control chart lines for 2 samples)

R = Mean of Range

- D. Accuracy - Accuracy refers to the agreement between the amount of the constituent measured by the test method and the amount actually present. Accuracy determinations are accomplished by first running an analysis on a sample and recording the results, then a small amount of (due to sample proportions) standard solution is added to the same amount of sample, and the test is repeated. The original sample analysis is assumed to be correct if the amount found in the test is equal to that of the original value of the known added "spike". This procedure is known as "Spiking", "Known Addition" or "Standard Addition". The calculation used in conjunction with this procedure is the percent recovery calculation. If recoveries are low or out of limits, then analysis is to be investigated immediately.

The percent recovery calculation is as follows:

$$\% \text{ Recovery} = \left(\frac{S}{S_1 + S_2} \right) \times 100$$

Key to Symbols

S = Concentration of spiked sample

S₁ = Concentration of unspiked sample

S₂ = Concentrations of spike added to sample

- C. Duplications - Duplications are performed routinely (weekly and monthly) on most monthly analyses for discharge requirements and some for process control. Duplications done on weekly basis include chlorine residual and suspended solids. The total coliform test is duplicated every week. Monthly duplications include Boron, Chloride, Fluoride, Nitrate-N, Nitrite-N, Sulfate, Total Dissolved Solids, Total Solids, Volatile Total Solids, Volatile Suspended Solids, Volatile Acids, Alkalinity and Chlorine Residual on River sample. As a check, a percent difference calculation is run on the duplicate samples. Percent difference calculation is as follows:

$$\% \text{ difference} = \frac{(A - B) \times 100}{RX}$$

Key to Symbols

A = Result from sample #1

B = Result from Sample #2

X = average of two numbers

- D. Graphing - Quality control charts are prepared from precision data.
- E. Performance Evaluations - Participation in EPA and State Department of Health performance evaluations.
- F. Standards - Standards are consistently used for all analyses as required. Standard curves are kept for each photometric determination including Boron, Chloride, Nitrate-N, Nitrite-N, Fluoride and Sulfate. These curves are verified each time analyses are performed, by including at least two different Standard concentrations with each run.
- G. Reagent and Solvent Blanks - Reagent and solvent blanks are consistently used for all analyses, in an effort to determine possible interferences from that reagent or solvent.
- H. Reference Samples - Known reference samples from outside sources, such as EPA Quality Control check samples and commercially prepared Alpha Associates solution, etc., are used periodically as analyst and method checks.
- I. BOD - A glucose glutamic acid check for BOD is run once a week to verify presence of toxic substances and for the use of poor seeding.

- J. COD - A potassium acid phthalate check for COD will be run periodically to verify technic and quality of reagents.
- K. Total Coliform - Completed test is done on 100% of positive confirmed samples for Total Coliform test.

All of the proceeding statistical performance data is kept and logged (in ink) in the appropriate sample data books and/or in spiral notebooks. No erasures or white-outs shall be made in these sample data books. In the case of an error, draw a line through the error (do not completely obliterate the error) and enter the correct data.

CALIFORNIA STATE WATER RESOURCES CONTROL BOARD

CITY OF SIMI VALLEY
SANITATION DIVISION

(OPERATING PERSONNEL 2001 CERTIFICATION LEVEL)

Sanitation Services Manager Operator V.....Jim Buell
Sanitation Plant Operations Manager Operator V Robert Hensley
Sanitation Plant Operator IV.....Don Weidner
Sanitation Plant Operator III..... Paul Henke
Sanitation Plant Operator III.....David Borunda
Sanitation Plant Operator III..... Steve Doukas
Sanitation Plant Operator II.....John Vallieres
Sanitation Plant Operator II.....James Paredes
Sanitation Plant Operator II.....Jeff Haptonstal
Sanitation Plant Operator II..... Bruce Campbell
Sanitation Plant Operator II.....Melvin Lamphar
Sanitation Plant Operator I..... Tom Ballard
Sanitation Plant Operator I..... Jesse Delgado
Sanitation Plant Operator I..... Ronald Montrose
Sanitation Plant Operator I..... Bill Showalter
Sanitation Plant Operator in Training Dennis Brewer
Sanitation Plant Operator in Training Lisa MacAuley
Sanitation Plant Operator in Training Chad Shaw

SUMMARY

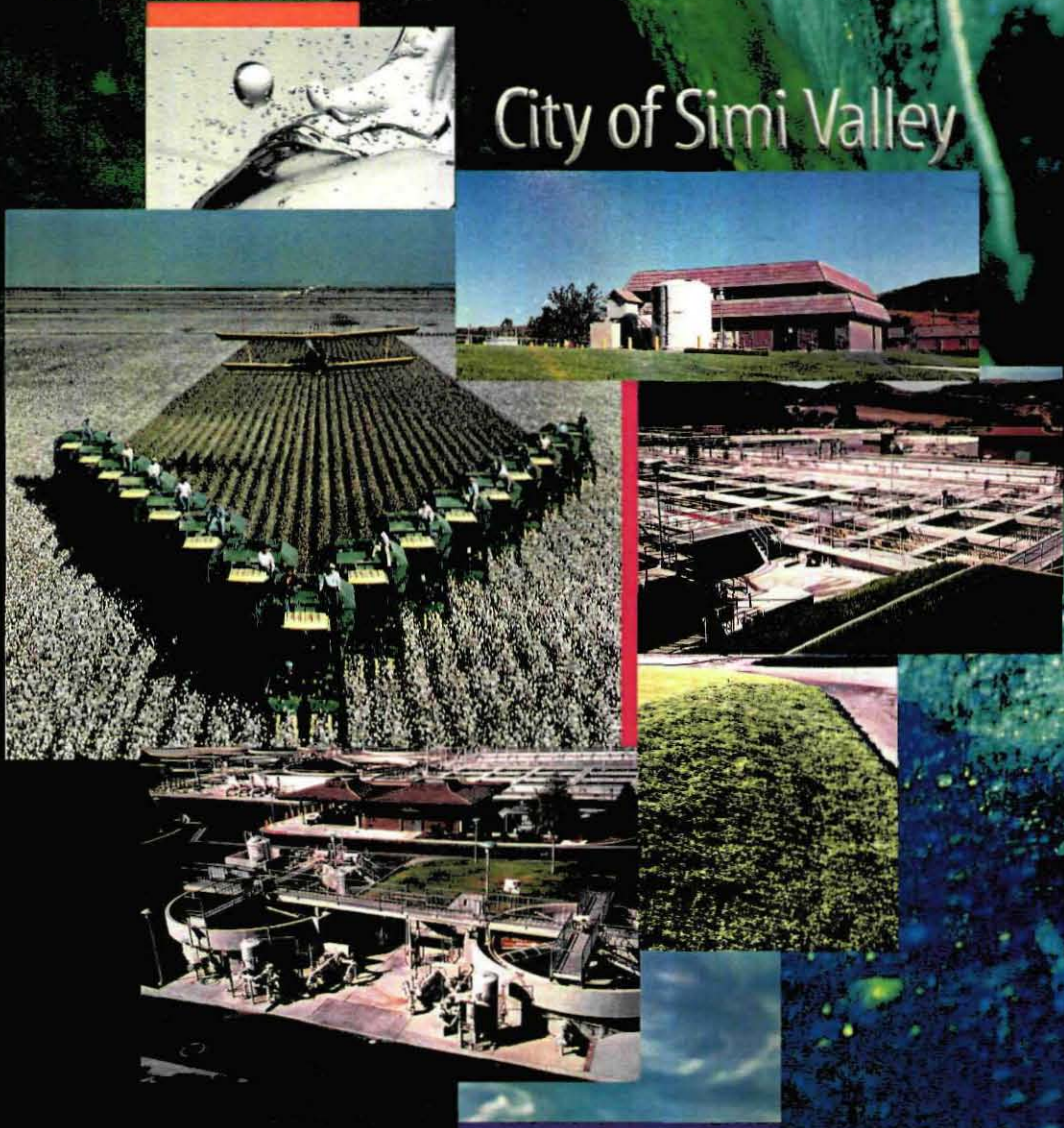
During 2001, Simi Valley's Water Quality Control Plant (WQCP) remained in substantial compliance with discharge requirements contained in its NPDES Permit No. CA0055221, with one reportable violation for Sulfate during the year. The consistently low monthly values of Biochemical Oxygen Demand (BOD) and Total Suspended Solids (TSS) at an overall 96 percent and 99 percent annual removal efficiency respectively, and monthly < 2 MPN Coliform in the discharged final effluent, are supportive data of strong baseline indications in protecting the receiving waters and public health and safety.

The high overall removal efficiency for BOD and TSS in 2001, were due to the continued refinement in operational strategy utilizing the plant Supervisory Control and Data Acquisition System (SCADA). In 1997, a direct relationship was found between the health of the microorganism community under aeration, with water temperature, alkalinity, and Mixed Liquor Suspended Solids (MLSS). In 2001, the key continues to be trend charting these relationships over 24 hour periods, and then adjusting them to maintain a desired protozoan population. Two key assumptions have been made. As water temperature goes down, MLSS is increased about 200 mg/L for every degree in temperature drop. The other is to keep the secondary treatment process as close to nitrification as possible without violating the Nitrate/Nitrite limit of 10mg/L. Control is established by keeping the alkalinity level between 200-220 mg/L. A lower alkalinity level increases nitrification while a higher level decreases it. The Waste Activated Sludge (WAS) process controls both MLSS and alkalinity parameters by setting the wasting rate in 24-hour periods. Where plant operations relied on daily lab data for MLSS concentration in the past, on line strip chart monitoring and trending has been more accurately utilized since 1998. A Zellweger analytics probe transmits MLSS data continuously to the SCADA system. It provides continuous information for adjusting the wasting rate based on the up or down trends of the MLSS temperature and alkalinity.

Plant operational staff concluded pilot testing a supplemental aeration design in four secondary treatment Rotating Biological Contactors (RBC's) in 2001. The results helped the contactors retain aerobic characteristics and substantially reduced anaerobic sloughing entering the activated sludge process. By reducing the anaerobic suspended or colloidal loadings to the activated sludge process, added control of the secondary treatment system was achieved, thereby giving plant operations more flexibility and assurance that there were adequate margins for safety and high efficiency in the process.

The one non-conformity for Sulfate in March 2001, was likely caused by an increase in Sulfates in the domestic supply during the month. Lower domestic demand is typically blended with a greater ground water portion that proportionally increases the concentration of sulfates in the overall system. This in turn is passed on to the treatment plant and passed through the system.

City of Simi Valley



Water Quality Control Plant
Annual Report 2002

CITY OF SIMI VALLEY

Water Quality Control Plant

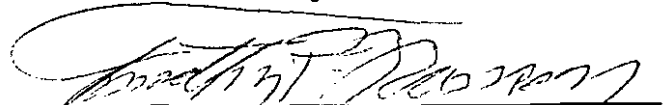
NPDES NO. CA0055221

2002 ANNUAL REPORT

City Council

Mayor	- Bill Davis
Mayor Pro Tem	- Steven T. Sojka
Council Member	- Barbra Williamson
Council Member	- Paul Miller
Council Member	- Glen T. Becerra
City Manager	- Mike Sedell
City Attorney	- David H. Hirsch
Dep. Dir./Sanitation Svcs.	- Jim Buell

Submitted By:



Timothy P. Nanson, Director
Department of Public Works

INTRODUCTION

The 2002 Calendar Year tabular and graphical representations for the City of Simi Valley Water Quality Control Plant are enclosed within. These parameter controls are in keeping with NPDES Permit No. CA0055221.

City of Simi Valley Water Quality Control Environmental Testing Laboratory is approved and registered with the State Department of Public Health Services, the Sanitation and Radiation Laboratory at Berkeley, the Regional Water Quality Control Board, and the Environmental Protection Agency. The Environmental Laboratory Accreditation Program (ELAP), administered by the State Department of Health Services, annually certifies the City to perform the following fields of testing:

Field of Testing 1: Microbiology of Drinking Water.-Total and Fecal E. coli, Coliform by Multiple Tube Fermentation, Total and E. coli Coliform by MMO - MUG techniques Heterotrophic Plate Count. Microbiology of Wastewater.-Total Coliform by Multiple Tube Fermentation, and Fecal/E. coli by Multiple Tube Fermentation.

Field of Testing 2: Inorganic Chemistry and Physical Properties of Drinking Water, Alkalinity, Calcium, Chloride, Fluoride, Hardness, Magnesium, MBAS, Nitrate, Nitrite, Sodium, Sulfate, Total Filterable Residue, Conductivity, Phosphate, and Cyanide.

Field of Testing 16: Wastewater Inorganic Chemistry, Nutrients, and Demands Acidity, Alkalinity, Ammonia, Biochemical Oxygen Demand, Boron, Calcium, Chemical Oxygen Demand, Chloride, Chlorine Residual, Cyanide, Fluoride, Hardness, Kjeldahl Nitrogen, Magnesium, Nitrate, Nitrite, Oil and Grease, Dissolved Oxygen, pH, Phenols, Orthophosphate, Total Phosphorus, Total Residue, Filterable Residue, Non-Filterable Residue, Settleable Residue, Volatile Residue, Sodium, Specific Conductance, Sulfate, Sulfide, Surfactants, Turbidity.

Field of Testing 17: Analysis of Toxic Chemical Elements In Wastewater Aluminum, Antimony, Barium, Beryllium, Cadmium, Chromium VI, Chromium Total, Cobalt, Copper, Iron, Lead, Manganese, Molybdenum, Nickel, Selenium, Silver, Thallium, Vanadium and Zinc.

Field of Testing 18: Organic Chemistry of Wastewater (by GC/MS Combination), EPA Method 624 Volatile Organics, and EPA Method 625.

All other analyses were performed by an outside laboratory certified for such analyses by the Department of Health Services and in accordance with EPA guidelines and procedures.

During the year, outside laboratories performed analyses for the City for which the City's laboratory was not set up to perform. These participating laboratories were:

Aquatic Bioassay Laboratory, Ventura, California
Del Mar Analytical Laboratory, Van Nuys, California
WECK Laboratories. Inc. City of Industry, California
Montgomery Watson Laboratories, Pasadena, California

KEY

In this report the following symbols are used:

- (<) sign in a table designates “less than”.
- (>) sign designates “greater than”.
- (> =) signs designates “greater than or equal to”.
- (*) indicates “see summary” for an explanation.
- (V) designates “in-house variable”

TABLE OF CONTENTS

<u>SUBJECT</u>	<u>PAGE</u>
INTRODUCTION	i
KEY	ii
TABLE OF CONTENTS	iii
TABLE OF CONTENTS cont'd	iv
SUMMARY DATA TABLE	1
MONTHLY AVERAGES OF INFLUENT FLOW FOR 2002	2
MONTHLY AVERAGES OF PEAK INFLUENT FLOW FOR 2002	2
MONTHLY AVERAGES OF DAILY INFLUENT MONITORING FOR 2002	
Biochemical Oxygen Demand.....	4
Suspended Solids.....	4
MONTHLY AVERAGES OF EFFLUENT 2002	
Million Gallons Per Day.....	6
Biochemical Oxygen Demand.....	6
Suspended Solids.....	8
Chlorine Residual.....	8
Turbidity.....	10
Coliform Group.....	10
Grease and Oil.....	12
pH.....	12
Settleable Solids.....	14
Temperature.....	14
Ammonia Nitrogen.....	16
Total Nitrogen.....	16
Organic Nitrogen.....	18
Bioassay.....	18
Chronic Toxicity.....	20
Boron.....	20
Chlorides.....	22
Fluoride.....	22
Combined Nitrate-Nitrogen & Nitrite Nitrogen.....	24
Sulfates.....	24
Total Dissolved Solids.....	26
HAULING REPORT SUMMARY	
Rag & Grit Hauled to Simi Valley Landfill.....	26
Solid Waste Hauled to Buttonwillow Land & Cattle Company.....	28
Biosolids Hauled to Simi Landfill.....	28
RECEIVING WATER CONSTITUENTS FOR 2002	
Temperature.....	30
pH.....	30
Biochemical Oxygen Demand.....	32
Dissolved Oxygen.....	32
Chloride.....	34
Turbidity.....	34
Chlorine.....	36
Most Probable Number.....	36
Settleable Solids.....	38
Nitrate Nitrogen.....	38
Nitrite Nitrogen.....	40

TABLE OF CONTENTS (cont'd)

<u>SUBJECT</u>	<u>PAGE</u>
RECEIVING WATER CONSTITUENTS FOR 2002 (cont'd)	
Ammonia Nitrogen.....	40
Organic Nitrogen.....	42
Total Nitrogen.....	42
Total Surfactants.....	44
Total Phosphates.....	44
Suspended Solids.....	46
Total Dissolved Solids.....	46
Oil and Grease.....	48
Sulfate.....	48
Boron.....	50
Hardness.....	50
Chronic Toxicity.....	52
Flow in CFS.....	52
MONTHLY AVERAGES OF DAILY TEMPERATURES AND PRECIPITATION FOR 2002.....	
	54
FEBRUARY SEMI-ANNUAL TESTING	
Arsenic, Cadmium, Chromium, Nickel, Copper, Lead, Zinc, Chlorinated Pesticides, N and P Pesticides, BNA, Total Petroleum Hydrocarbon.....	56
ATTACHMENT 1 - W-12.....	57
ATTACHMENT 2 - W-11.....	58
ATTACHMENT 3 - W-10.....	59
ATTACHMENT 4 - QA/QC REPORT.....	60
AUGUST SEMI-ANNUAL TESTING	
Arsenic, Cadmium, Chromium, Nickel, Copper, Lead, Zinc, Chlorinated Pesticides, N and P Pesticides, BNA, Total Petroleum Hydrocarbon.....	61
ATTACHMENT 1 - W-12.....	62
ATTACHMENT 2 - W-11.....	63
ATTACHMENT 3 - W-10.....	64
ATTACHMENT 4 - QA/QC REPORT.....	65
ANALYTICAL QUALITY ASSURANCE PROGRAM.....	66
CITY OF SIMI VALLEY, SANITATION DIVISION	
OPERATING PERSONNEL 2002.....	80
SUMMARY.....	81

SUMMARY DATA TABLE
VIOLATIONS OF EFFLUENT DISCHARGE REQUIREMENTS

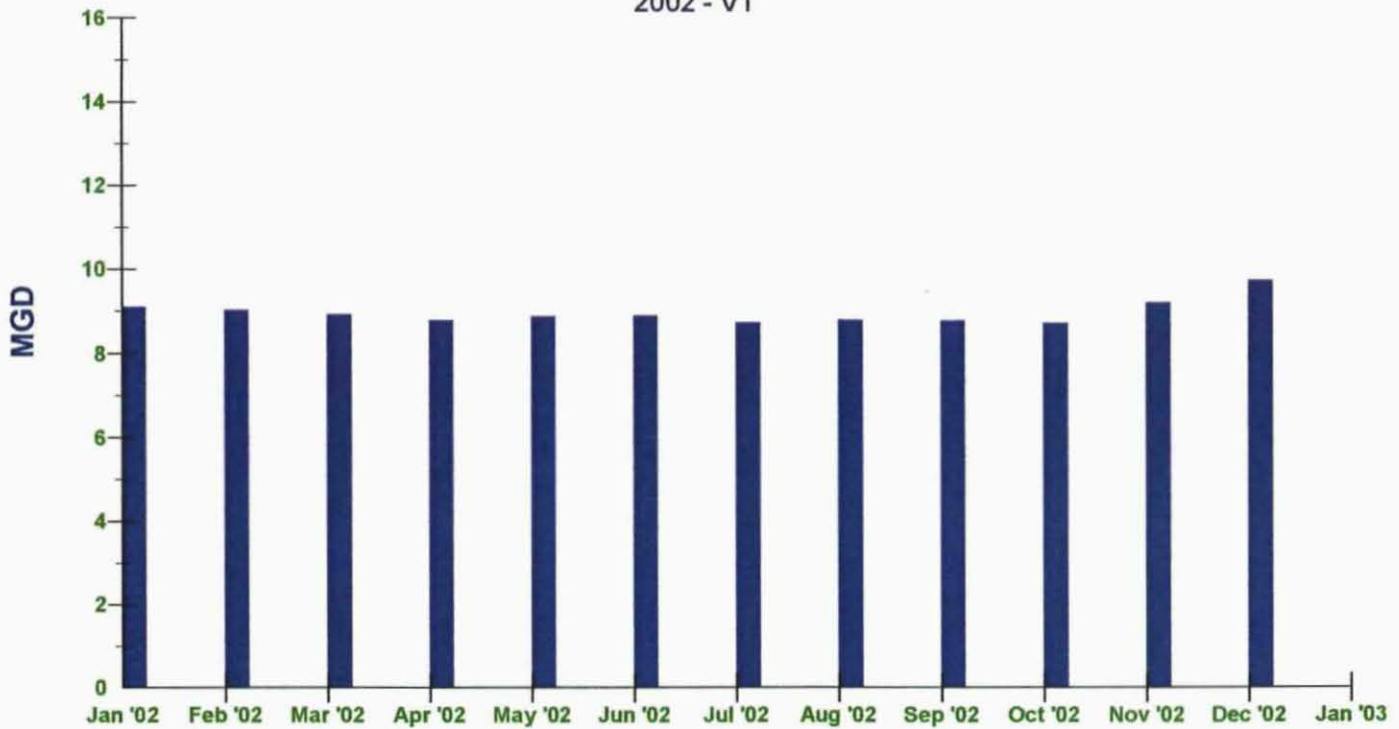
REQUIREMENT	IAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
<u>EFFLUENT LIMITATION</u> NTU not to exceed 5 NTU		3			2					4	2		11
<u>EFFLUENT LIMITATION</u> CL2 residual not to exceed 0.1 mg/L						2	1	1					4
TOTAL		3			2	2	1	1		4	2		15

Monthly Averages of Influent Flow
2002 - V1 & V119

Month	Influent Flow MGD	Peak Flow Rate MGD
January	9.12	17.73
February	9.04	19.65
March	8.95	20.44
April	8.80	17.13
May	8.89	18.03
June	8.91	18.88
July	8.75	17.17
August	8.80	16.35
September	8.78	16.99
October	8.73	23.56
November	9.21	19.15
December	9.74	17.83
Average	8.98	18.58
WQCB Design	12.50	No Limit

Monthly Averages of Influent Flow MGD

2002 - V1



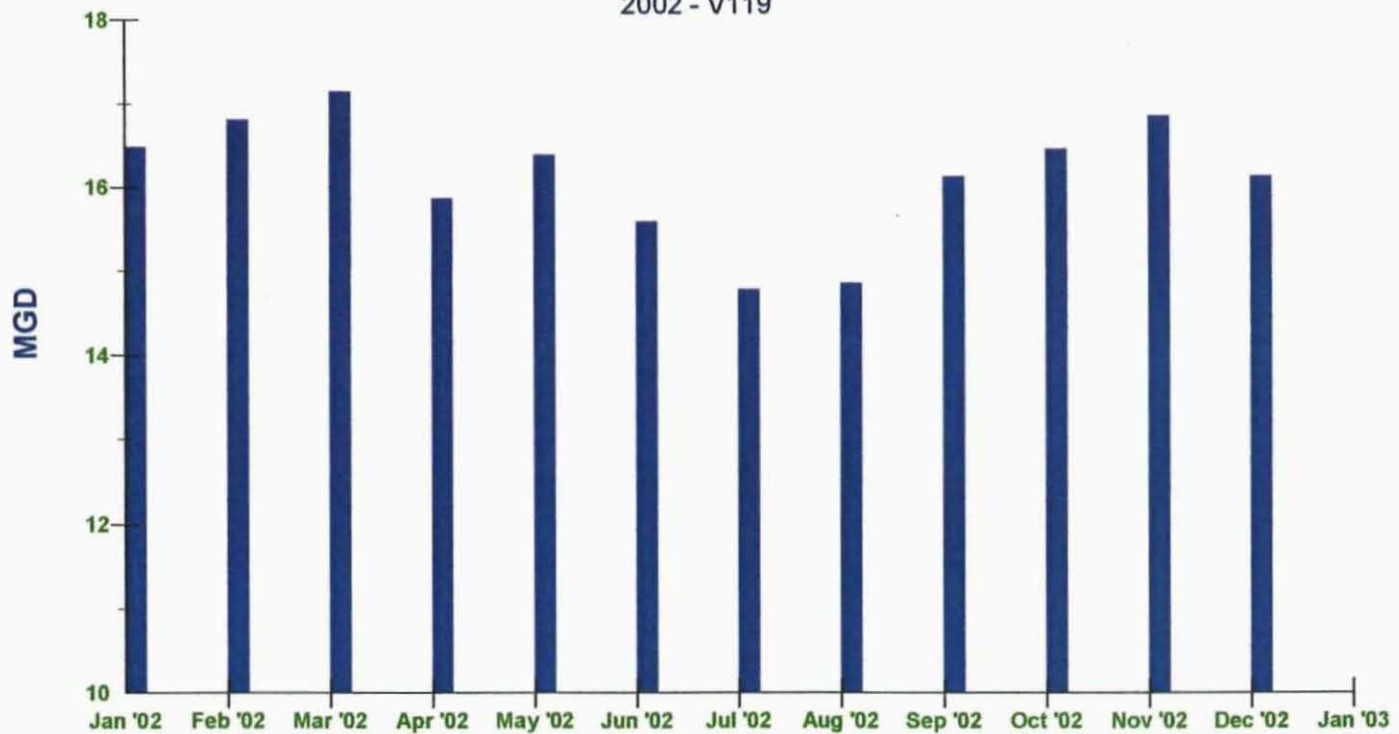
Date (1/1/2002 to 12/31/2002)

■ Plant Flow (Mo Avg)

OPS 32
WQCP
Monthly Averages of Influent Flow MGD

Monthly Averages of Peak Influent Flow

2002 - V119



Date (1/1/2002 to 12/31/2002)

■ Max Influent Q (Mo Avg)

OPS 32
WQCP
Monthly Averages of Peak Influent Flow

Monthly Averages Of Influent BOD
2002 - V307 & V127

Biochemical Oxygen Demand (BOD)

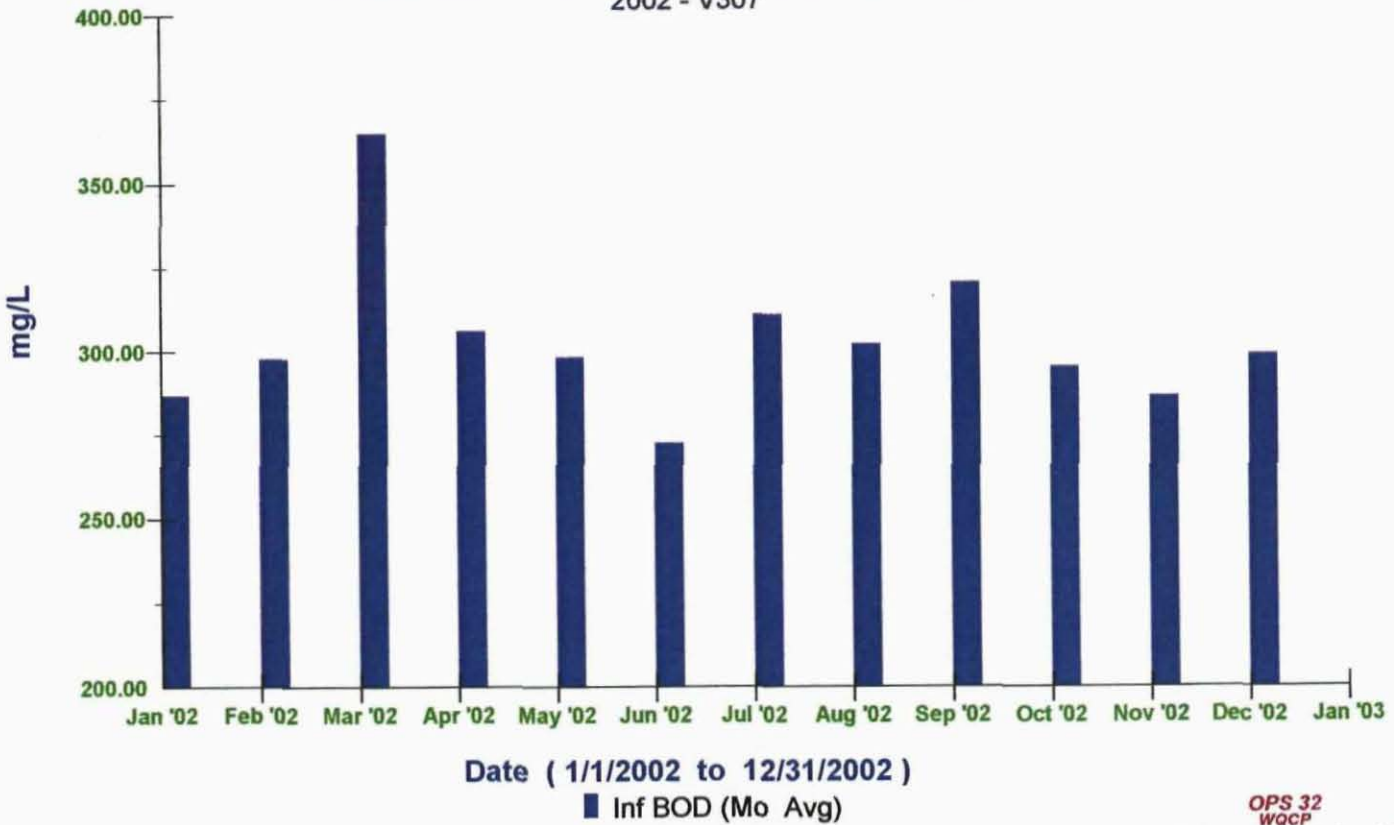
<u>Month</u>	<u>mg/L</u>	<u>lbs/day</u>
January	287	21,827
February	298	22,448
March	365	27,260
April	306	22,450
May	299	22,111
June	273	20,252
July	311	22,628
August	302	22,164
September	321	23,482
October	296	21,516
November	287	22,009
December	299	24,278
Average	304	22,702
W.Q.C.B. Limit	No Limit	No Limit

Monthly Averages Of Influent Suspended Solids
2002 - V195 & V126

<u>Month</u>	<u>mg/L</u>	<u>lbs/day</u>
January	333	25,321
February	362	27,321
March	405	30,276
April	281	20,598
May	291	21,583
June	253	18,806
July	313	22,829
August	287	21,058
September	322	23,560
October	286	20,749
November	314	24,134
December	289	23,537
Average	311	23,314
W.Q.C.B. Limit	No Limit	No Limit

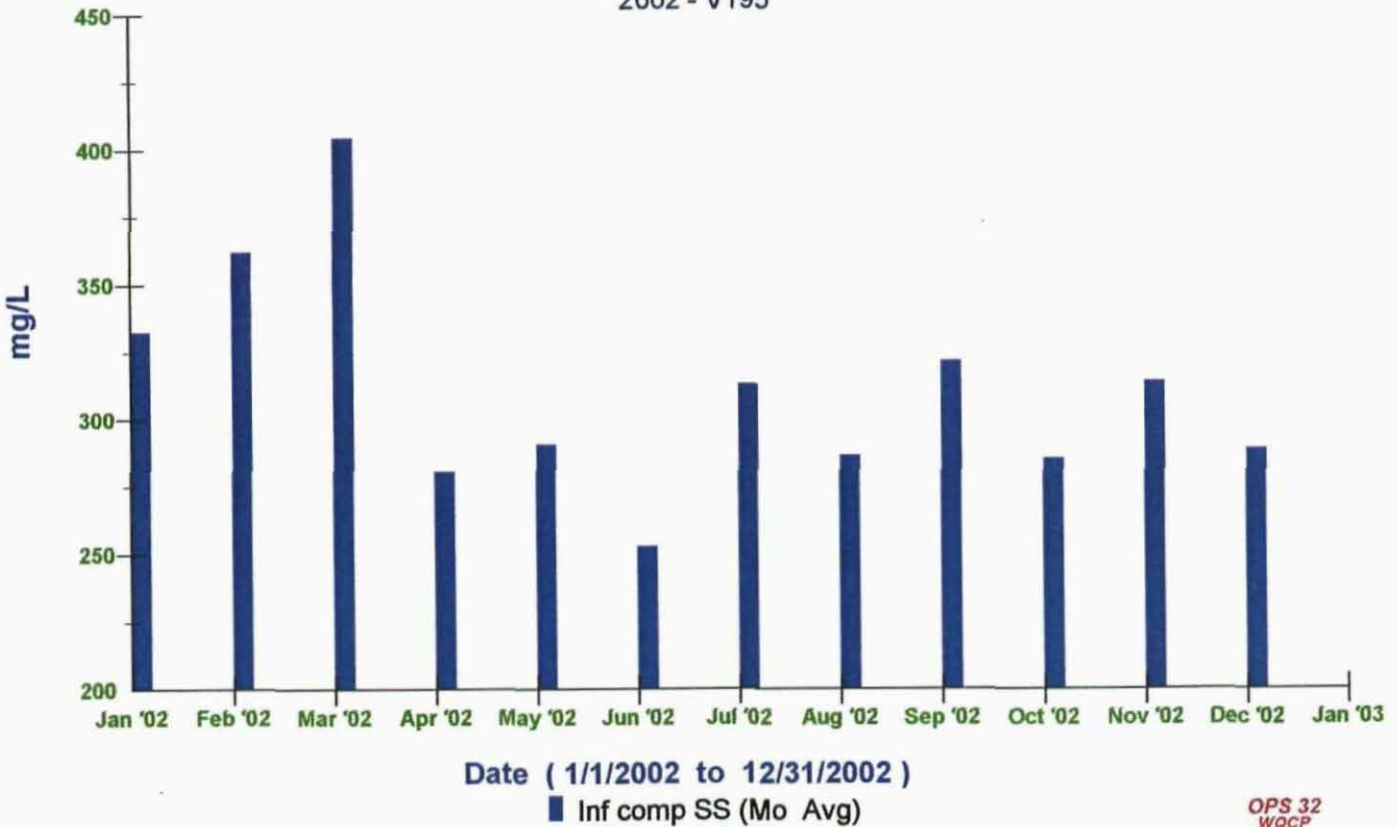
Monthly Averages Of Influent (BOD)

2002 - V307



Monthly Averages of Influent Suspended Solids

2002 - V195



Monthly Averages Of Effluent Flow
2002 - V10

Million Gallons Per Day

Month	MGD
January	9.2
February	9.4
March	9.0
April	8.8
May	8.8
June	9.1
July	9.0
August	8.9
September	8.8
October	9.1
November	9.4
December	9.7
Average	9.1
W.Q.C.B. Limit	No Limit

Monthly Averages Of Effluent BOD
2002 - V311

Biochemical Oxygen Demand (BOD)

Month	mg/L	lbs/day	7 day avg.	
			mg/L	lbs/day
January	6.9	528	6.8	525
February	10.2	805	10.1	801
March	8.4	633	8.6	642
April	14.5	1,072	13.2	979
May	20.0	1,470	20.7	1,523
June	7.2	552	7.8	587
July	11.5	863	10.9	820
August	10.2	754	10.5	784
September	11.6	849	10.9	797
October	12.2	922	12.7	957
November	7.9	618	8.3	645
December	8.6	700	8.4	677
Average	11	814	11	811
W.Q.C.B. Limit	20	2085	30	3130

Monthly Averages Of Effluent Flow

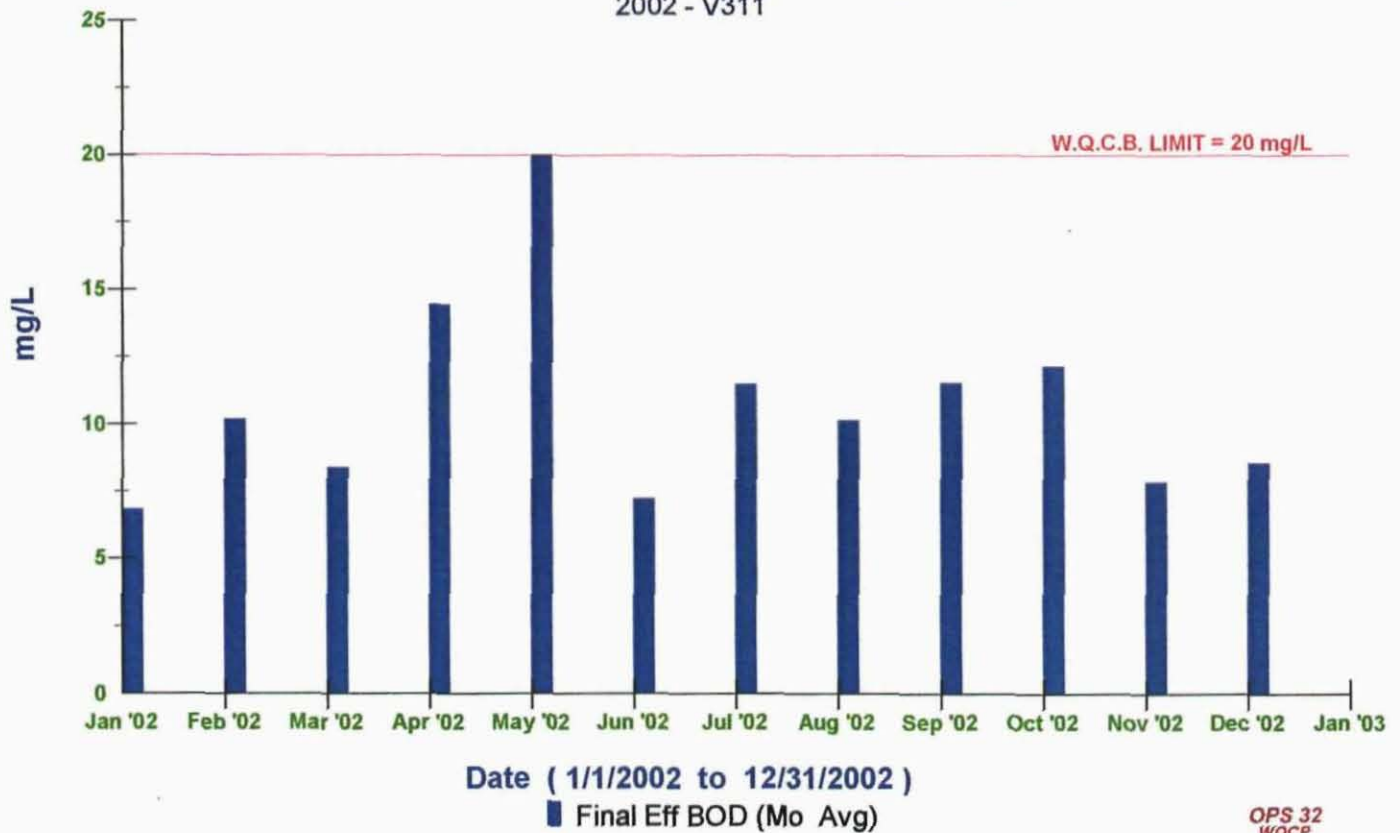
2002 - V10



OPS 32
WQCP
Monthly Averages Of Effluent Flow

Monthly Averages Of Effluent BOD

2002 - V311



OPS 32
WQCP
Monthly Averages Of Effluent BOD

Monthly Averages Of Effluent Suspended Solids
2002 - V202

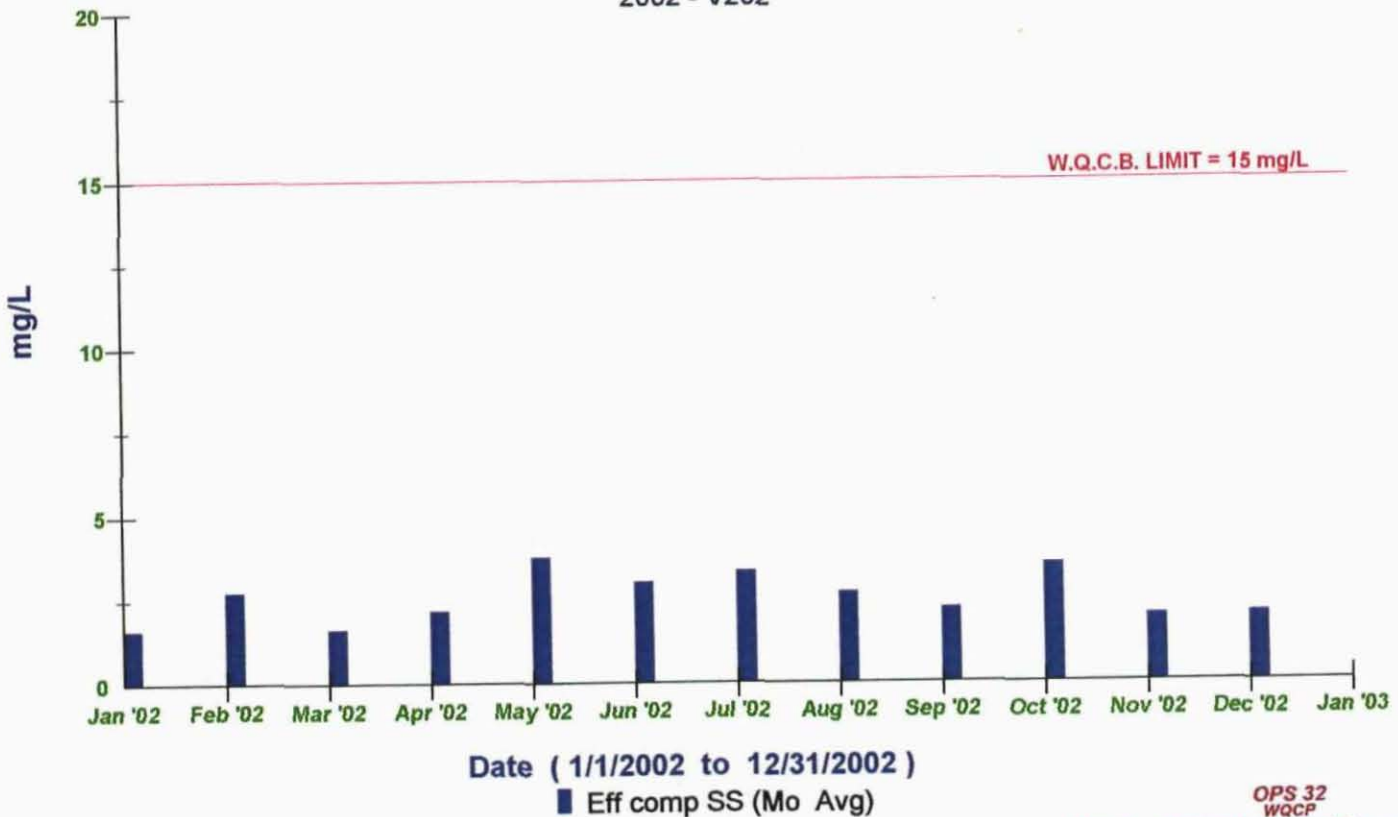
Month	mg/L	lbs/day	7day avg.	7day avg.
			mg/L	lbs/day
January	1.6	127	1.7	130
February	2.8	219	2.8	222
March	1.7	125	1.6	123
April	2.2	163	2.1	157
May	3.8	276	3.7	272
June	3.0	231	3.1	233
July	3.4	252	3.4	256
August	2.7	202	2.7	204
September	2.3	165	2.2	160
October	3.6	269	3.5	267
November	2.0	158	2.2	170
December	2.1	168	2.0	163
Average	2.6	196	2.6	196
W.Q.C.B.				
Limit	15	1560	40	4690

Maximum Effluent Chlorine Residual
2002 - V117

Month	mg/L
January	0.0
February	0.0
March	0.1
April	0.0
May	0.0
June	0.0
July	3.0
August	1.9
September	0.1
October	0.0
November	0.1
December	0.0
Average	0.4
W.Q.C.B. Limit	0.1

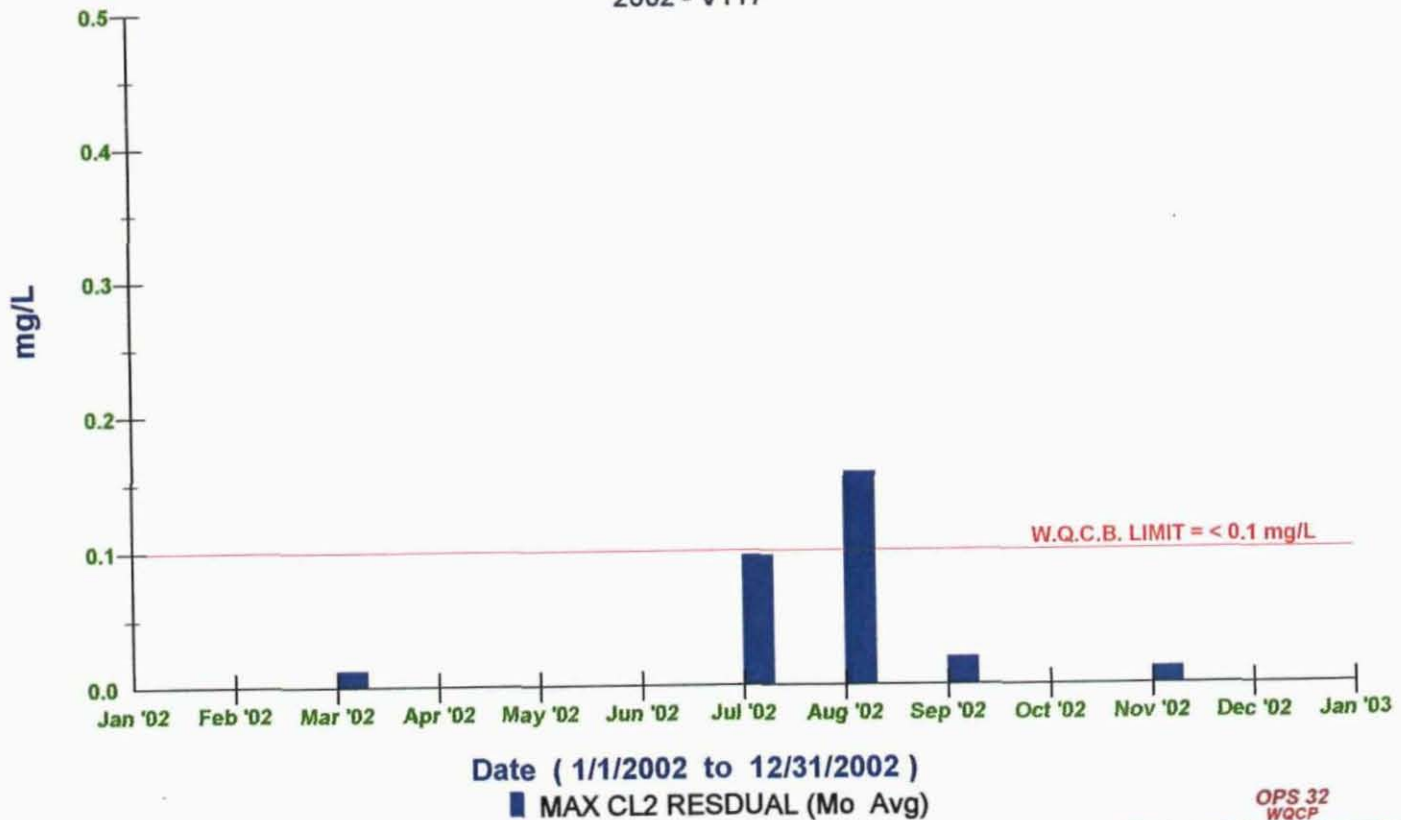
Monthly Averages Of Effluent Suspended Solids

2002 - V202



Maximum Effluent Chlorine Residual

2002 - V117



Monthly Averages Of Effluent Turbidity
2002 - V11

<u>Month</u>	<u>mg/L</u>
January	1
February	3
March	2
April	2
May	3
June	2
July	1
August	1
September	1
October	3
November	2
December	1
Average	2
W.Q.C.B. Limit	5

Median Of Effluent Colliform Group
2002 - V312

<u>Month</u>	<u>MPN</u>
January	0.0
February	0.0
March	0.0
April	0.0
May	0.0
June	0.0
July	0.0
August	0.0
September	2.0
October	2.0
November	2.0
December	0.0
Average	0.5
W.C.Q.B. Limit	2.2

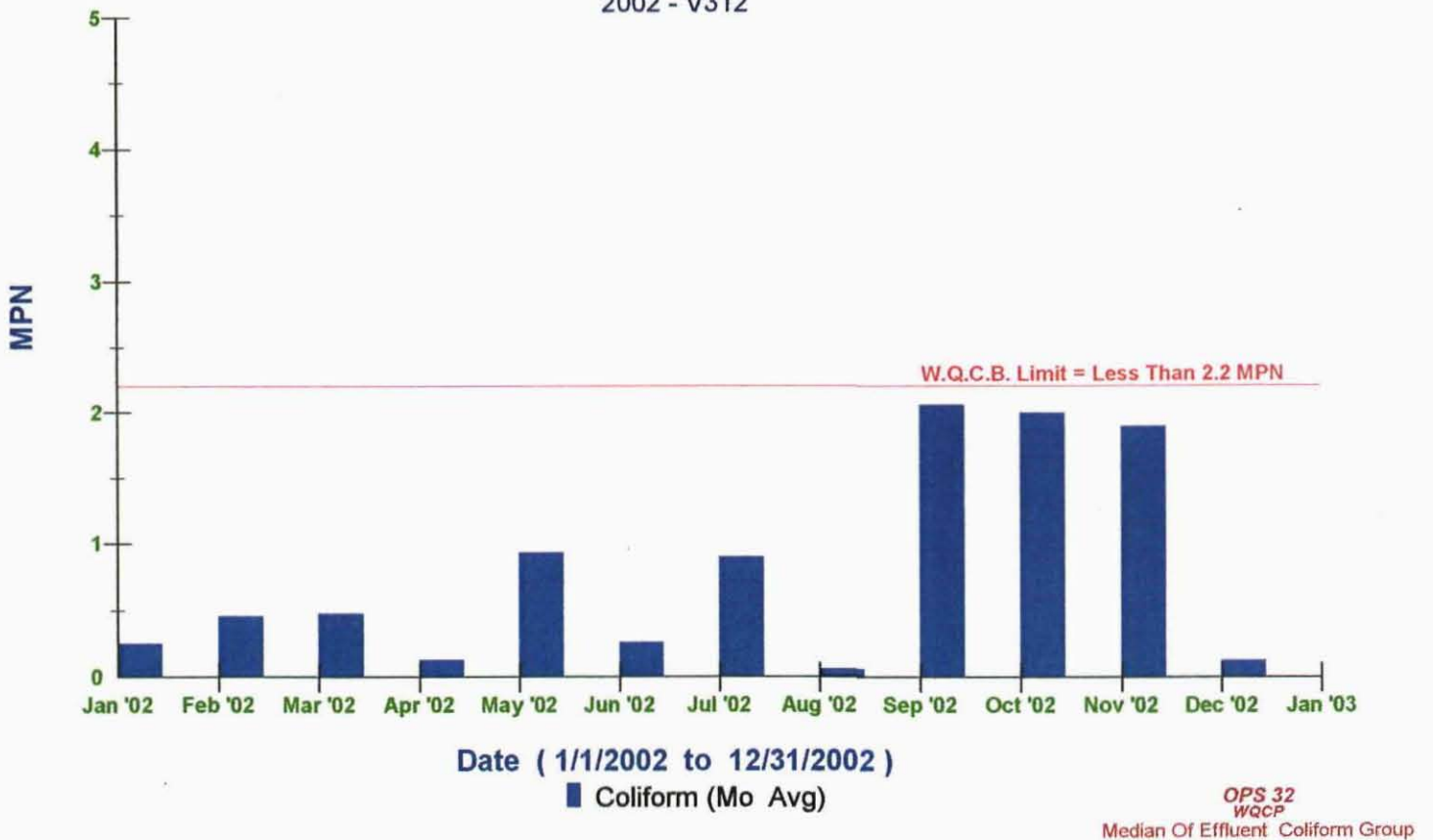
Monthly Averages Of Effluent Turbidity

2002 - V11



Median Of Effluent Coliform Group

2002 - V312



Monthly Averages Of Grease And Oil
2002 - V125

Month	mg/L	lbs/day
January		
February	<5.0	N/A *
March		
April		
May	<5.0	N/A *
June		
July		
August	<5.0	N/A *
September		
October		
November	<5.0	N/A *
December		
Average	<5.0	
W.Q.C.B. Limit	10	1040

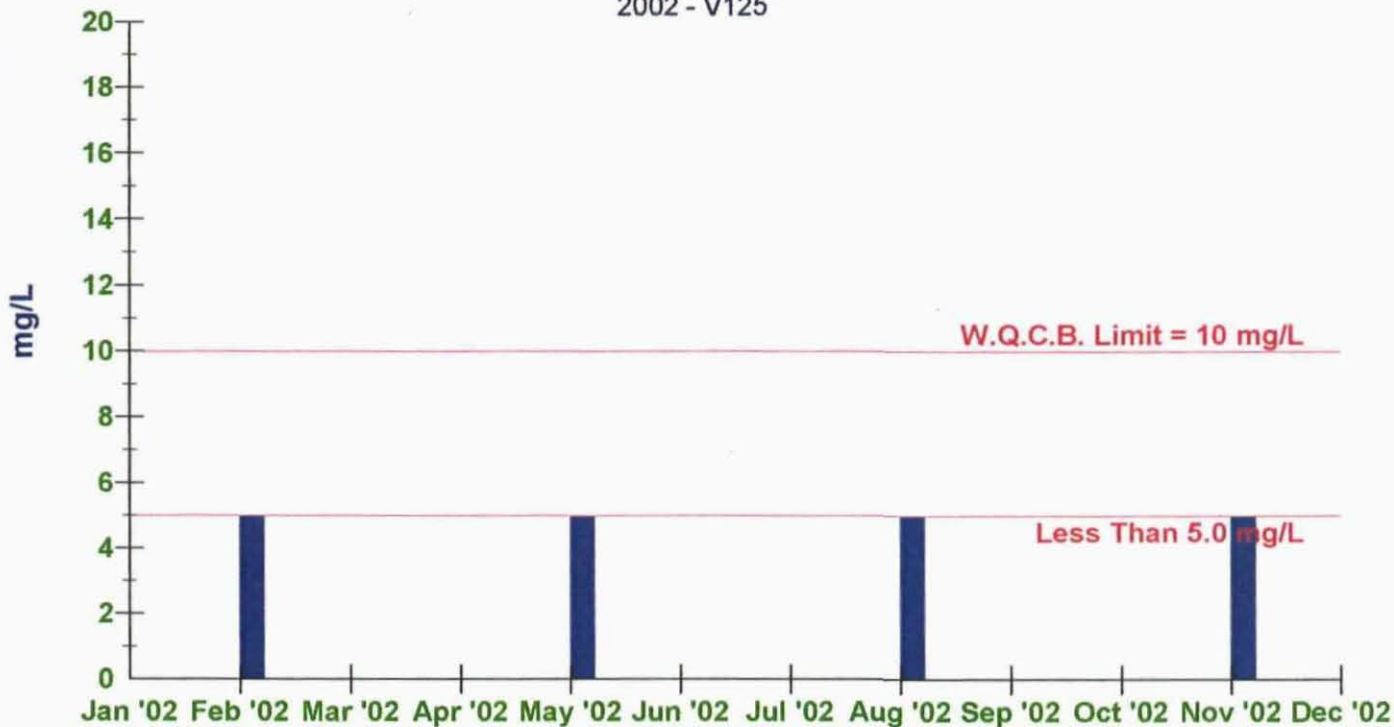
* Not Applicable

Minimum And Maximum Of Effluent pH
2002 - 216

Month	pH Min.	pH Max.
January	7.2	7.8
February	7.3	7.7
March	7.3	7.8
April	7.3	7.6
May	7.3	7.7
June	7.3	7.6
July	7.3	7.6
August	7.3	7.6
September	7.4	7.6
October	7.4	7.6
November	7.3	7.9
December	7.2	7.7
Average	7.3	7.7
W.Q.C.B. Limit	6.0	9.0

Monthly Averages Of Grease And Oil

2002 - V125



Date (1/1/2002 to 12/31/2002)

■ Oil & Grease (Mo Avg)

OPS 32
WQCP
Monthly Averages Of Grease And Oil

Min And Max Of Effluent pH

2002 - V216



Date (1/1/2002 to 12/31/2002)

/ Eff pH grab (Mo Min) Eff pH grab (Mo Max)

OPS 32
WQCP
Min And Max Of Effluent pH

Effluent Averages Of Settleable Solids
2002 - V213

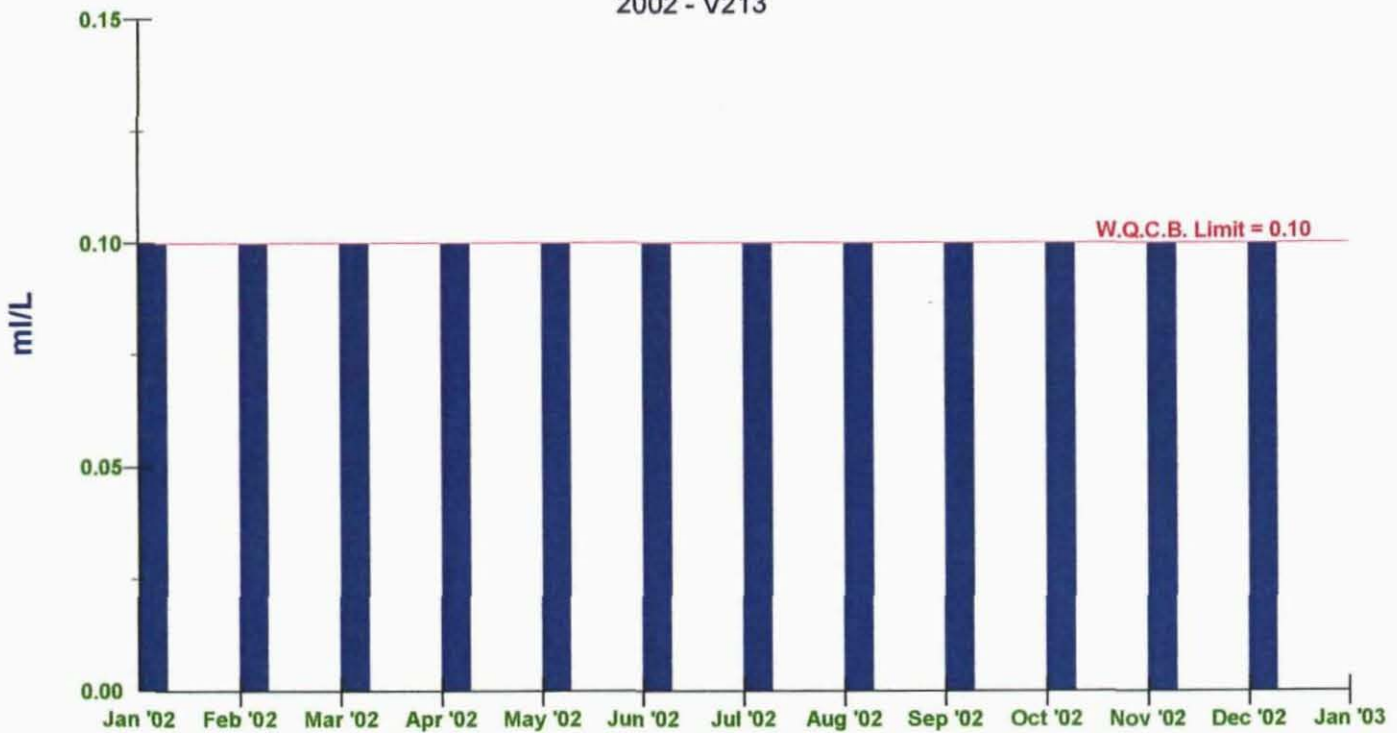
<u>Month</u>	<u>ml/L</u>
January	<0.1
February	<0.1
March	<0.1
April	<0.1
May	<0.1
June	<0.1
July	<0.1
August	<0.1
September	<0.1
October	<0.1
November	<0.1
December	<0.1
Average	<0.1
W.Q.C.B. Limit	0.1

Average Effluent Temperature
2002 - V214

<u>Month</u>	<u>Temp (F)</u>
January	70
February	69
March	70
April	72
May	74
June	76
July	79
August	79
September	79
October	77
November	74
December	71
Average	74
W.Q.C.B. Limit	100

Effluent Averages Of Settleable Solids

2002 - V213



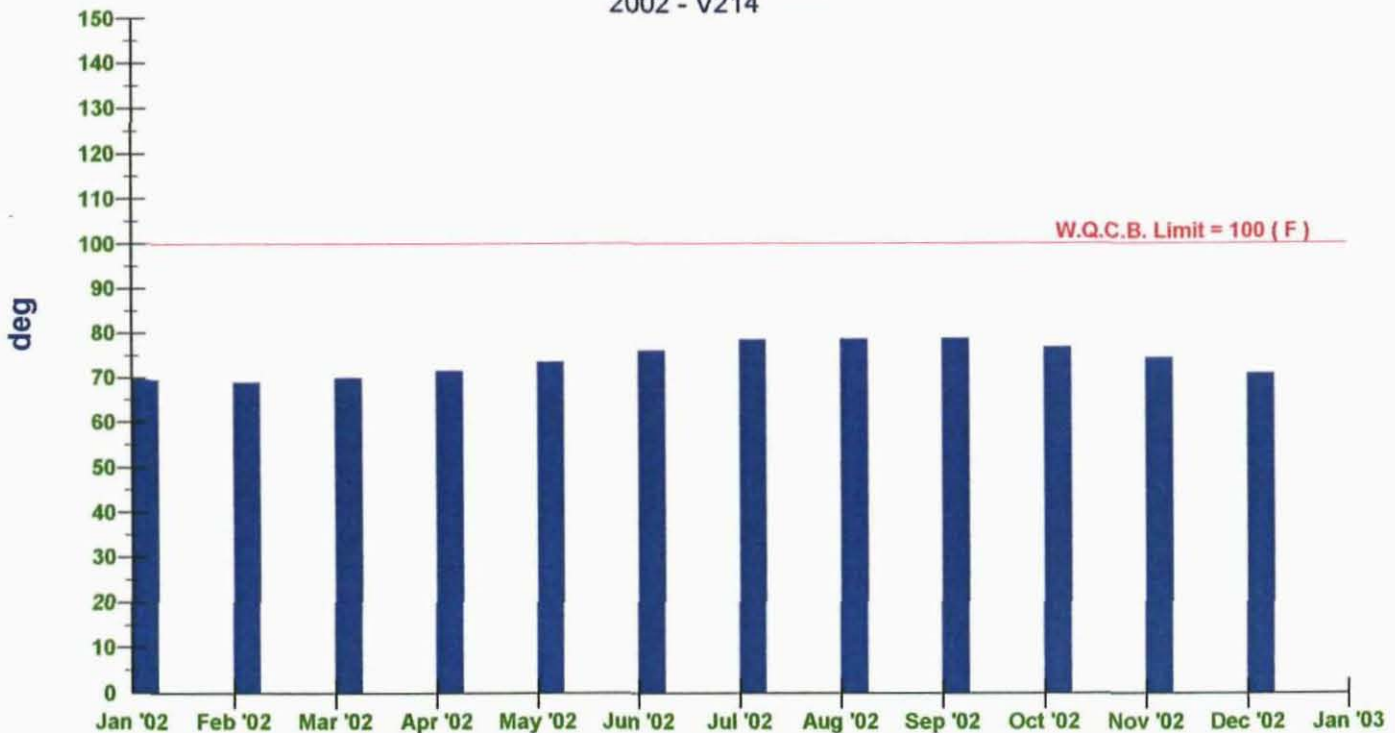
Date (1/1/2002 to 12/31/2002)

■ Eff Sett Sld-g (Mo Avg)

OPS 32
WQCP
Effluent Averages Of Settleable Solids

Average Effluent Temperature

2002 - V214



Date (1/1/2002 to 12/31/2002)

■ Eff Temp grab (Mo Avg)

OPS 32
WQCP
Average Effluent Temperature

Effluent Ammonia Nitrogen
2002 - V350

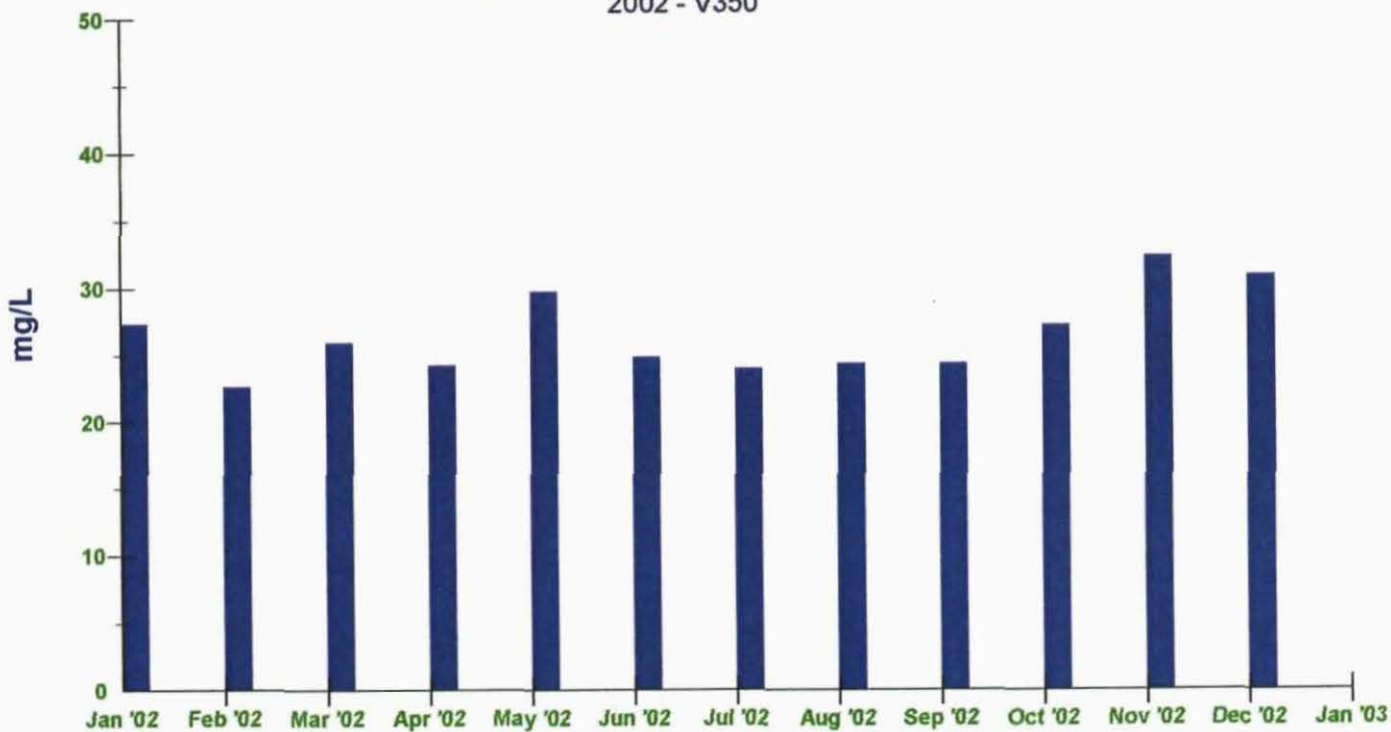
Month	mg/L	lbs/day
January	27.4	2,009
February	22.7	1,715
March	26.0	1,841
April	24.3	1,798
May	29.8	2,135
June	24.9	1,881
July	24.0	1,673
August	24.4	1,821
September	24.4	1,831
October	27.3	2,050
November	32.4	2,416
December	31.0	2,340
Average	27	1,959
W.Q.C.B. Limit	No Limit	No Limit

Effluent Total Nitrogen
2002 - V319

Month	mg/L	lbs/day
January	29.4	2,155
February	26.4	1,995
March	29.2	2,068
April	26.4	1,953
May	33.9	2,429
June	28.0	2,116
July	27.0	1,883
August	28.1	2,097
September	28.1	2,109
October	30.2	2,271
November	35.0	2,610
December	33.6	2,536
Average	29.6	2,185
W.Q.C.B. Limit	No Limit	No Limit

Effluent Ammonia Nitrogen

2002 - V350



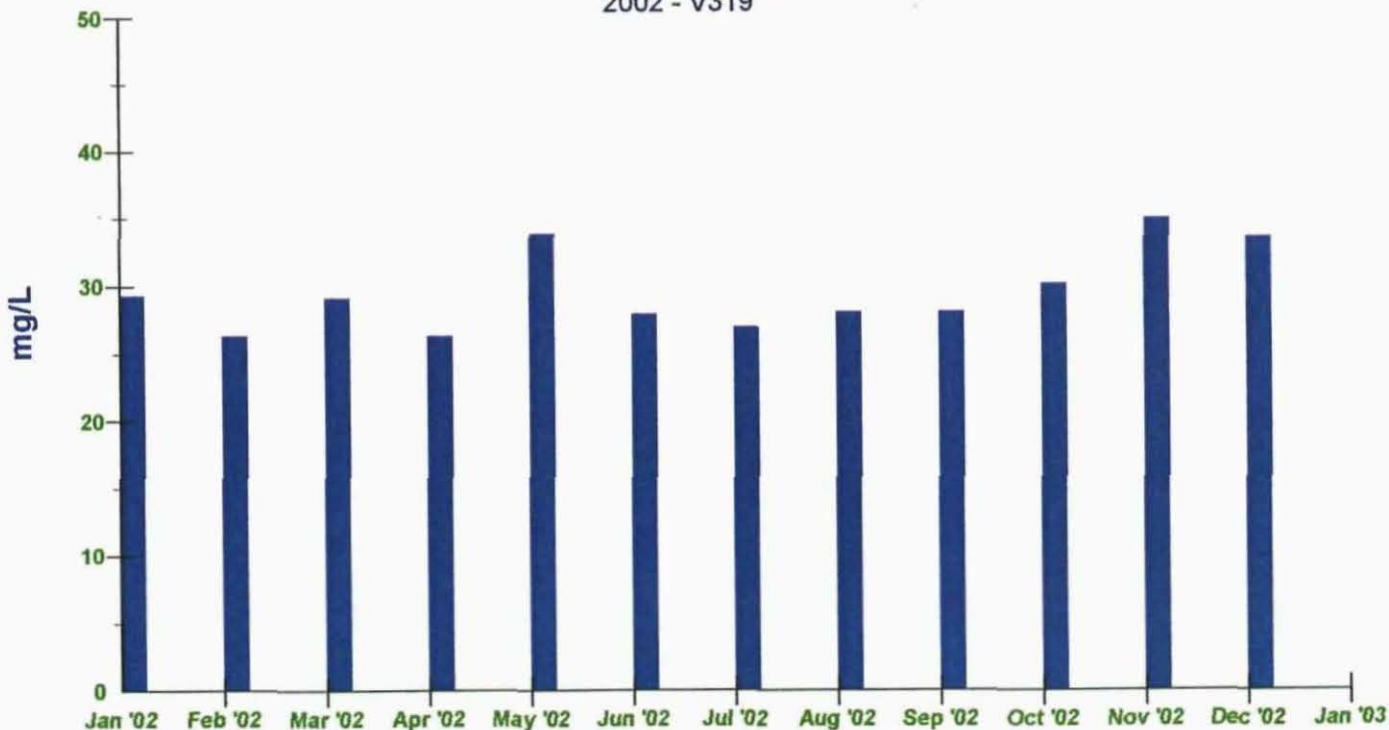
Date (1/1/2002 to 12/31/2002)

■ Ammonia Nitrogen - Effluent (Mo Avg)

OPS 32
WQCP
Effluent Ammonia Nitrogen

Effluent Total Nitrogen

2002 - V319



Date (1/1/2002 to 12/31/2002)

■ Total Nitrogen (Mo Avg)

OPS 32
WQCP
Effluent Total Nitrogen

Effluent Organic Nitrogen
2002 - V348

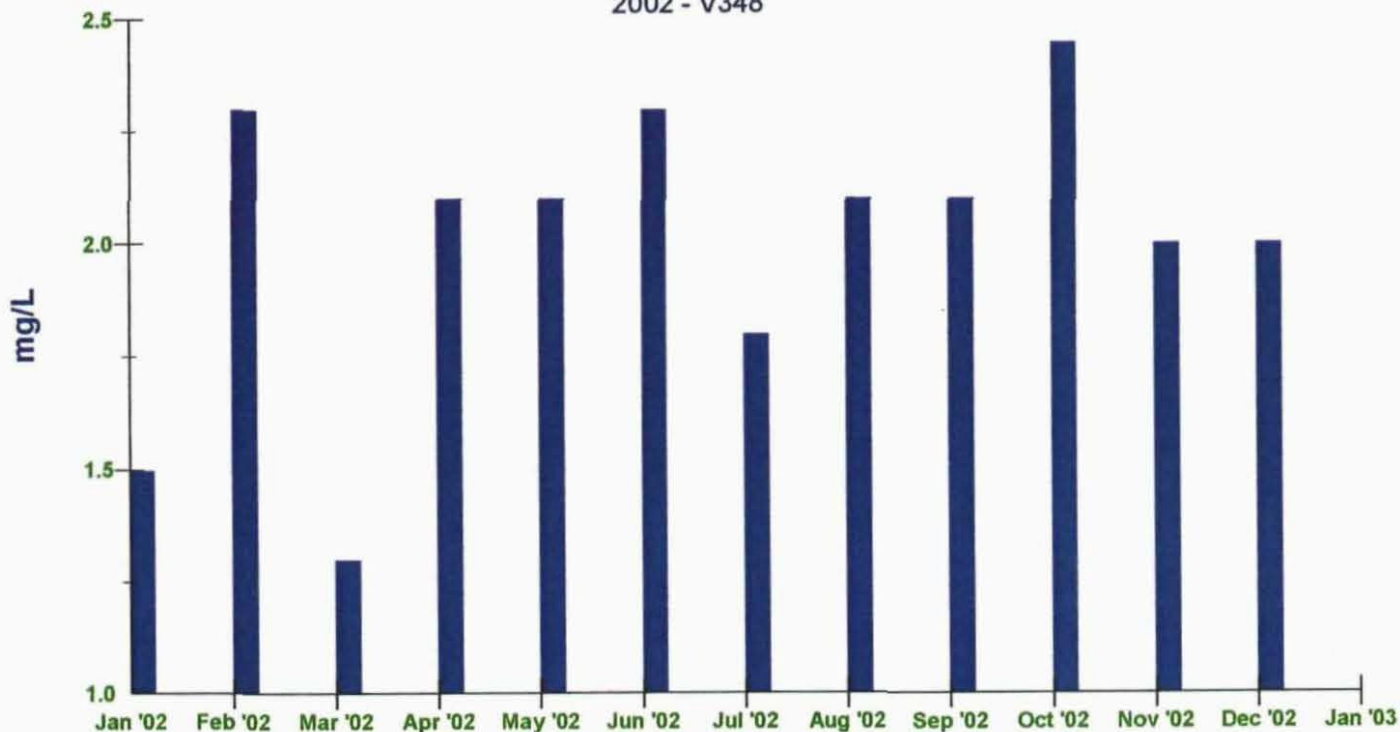
Month	mg/L	lbs/day
January	1.5	110
February	2.3	174
March	1.3	92
April	2.1	155
May	2.1	150
June	2.3	174
July	1.8	126
August	2.1	157
September	2.1	158
October	2.5	184
November	2.0	149
December	2.0	151
Average	2	148
W.Q.C.B. Limit	No Limit	No Limit

Effluent Bioassay % Survival
2002 - V351

Month	% Survival
January	
February	100
March	
April	
May	100
June	
July	
August	100
September	
October	
November	100
December	
Average	100
W.Q.C.B. Limit	90

Effluent Organic Nitrogen

2002 - V348



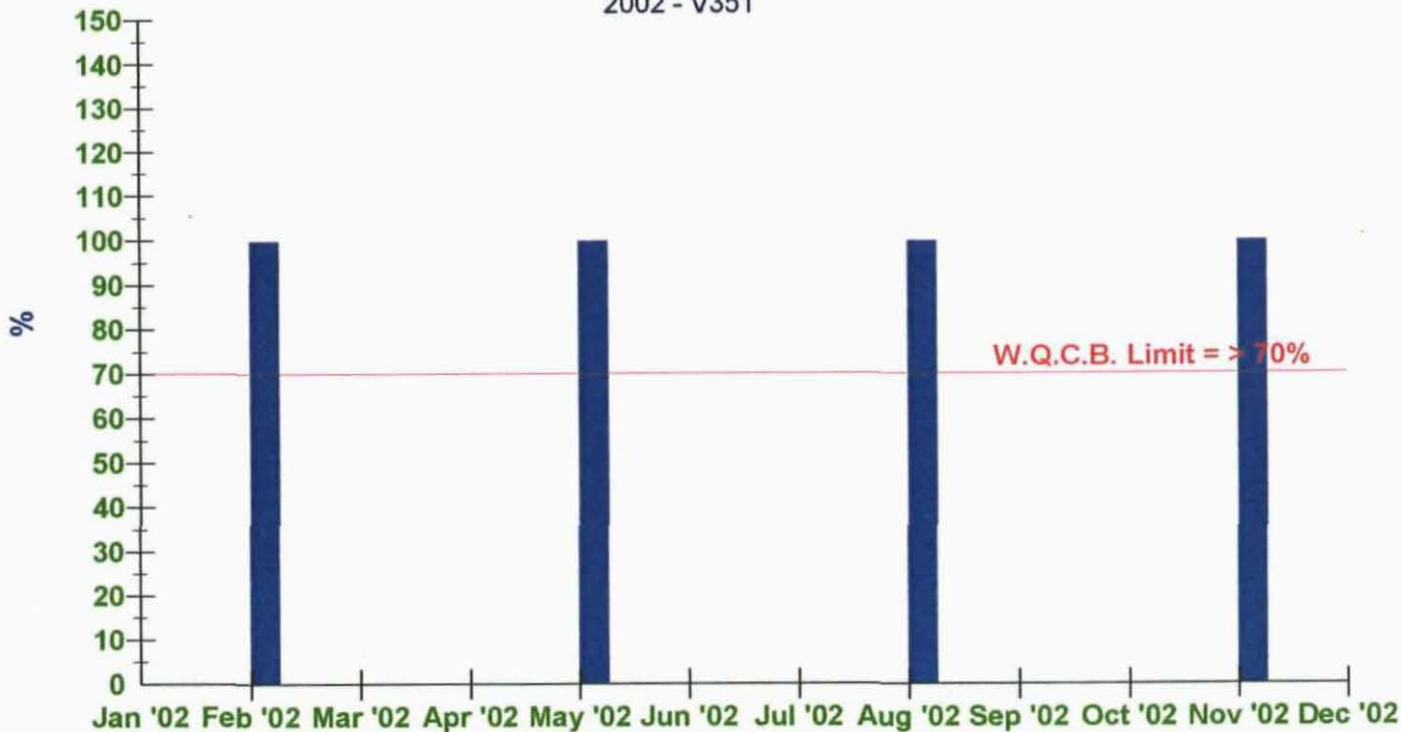
Date (1/1/2002 to 12/31/2002)

■ Organic N (Mo Avg)

OPS 32
WQCP
Effluent Organic Nitrogen

Effluent Bioassay

2002 - V351



Date (1/1/2002 to 12/31/2002)

■ Eff Bioassay (Acute Toxicity) (Mo Avg)

OPS 32
WQCP
Effluent Bioassay

Effluent Chronic Toxicity Survival
2002 - V763

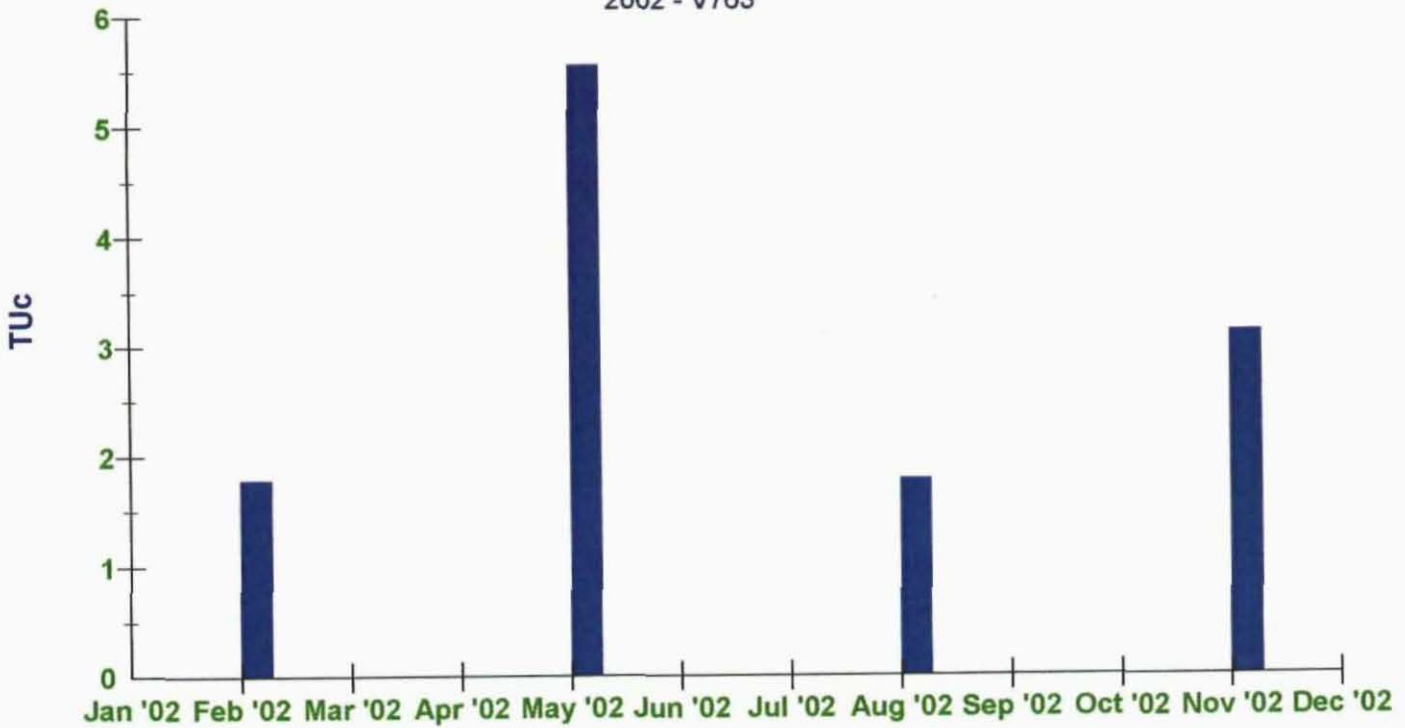
Month	Toxicity Tuc
January	
February	1.79
March	
April	
May	5.56
June	
July	
August	1.79
September	
October	
November	3.13
December	
Average	3.07
W.Q.C.B.	
Limit	No Limit

Monthly Effluent Boron
2002 - V352

Month	mg/L	lbs/day
January	0.6	41
February	0.5	40
March	0.6	42
April	0.6	44
May	0.6	42
June	0.5	40
July	0.3	22
August	0.5	36
September	0.5	36
October	0.6	41
November	0.5	37
December	0.5	40
Average	0.5	38
W.C.Q.B.		
Limit	1.0	104

Chronic Toxicity Survival

2002 - V763



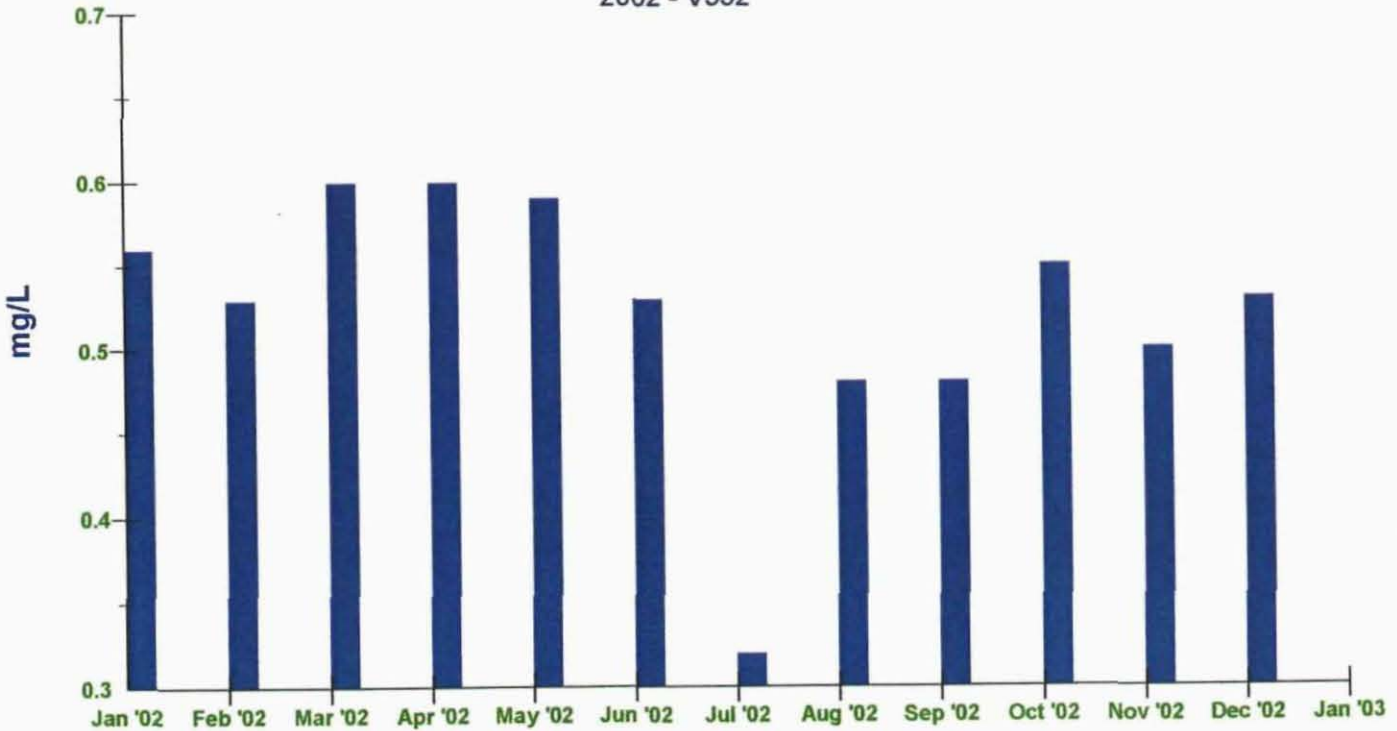
Date (1/1/2002 to 12/31/2002)

■ EFF Chronic Toxicity - Growth (Mo Avg)

OPS 32
WACP
Chronic Toxicity Survival

Monthly Effluent Boron

2002 - V352



Date (1/1/2002 to 12/31/2002)

■ Boron (Mo Avg)

OPS 32
WACP
Monthly Effluent Boron

Monthly Effluent Chlorides
2002 - V353

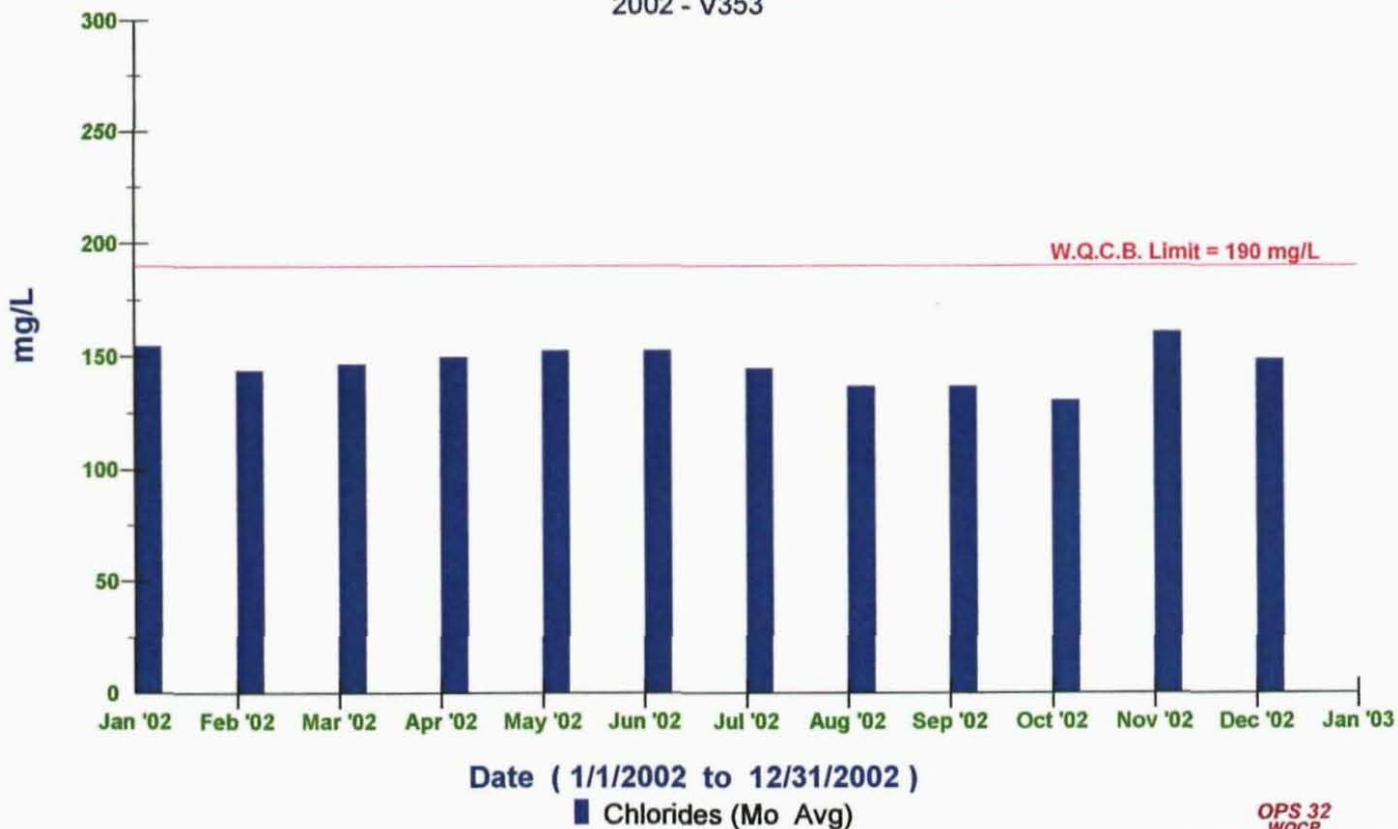
<u>Month</u>	<u>mg/L</u>	<u>lbs/day</u>
January	155	11,363
February	144	10,881
March	147	10,409
April	150	11,096
May	153	10,961
June	153	11,561
July	145	10,110
August	137	10,226
September	137	10,283
October	131	9,836
November	161	12,004
December	149	11,246
Average	147	10,831
W.C.Q.B.		
Limit	190	15638

Monthly Effluent Flourides
2002 - V354

<u>Month</u>	<u>mg/L</u>	<u>lbs/day</u>
January	0.3	22
February	0.2	17
March	0.3	18
April	0.2	17
May	0.3	19
June	0.3	22
July	0.3	20
August	0.3	23
September	0.3	23
October	0.2	15
November	0.2	12
December	0.3	20
Average	0.3	19
W.C.Q.B.		
Limit	1.6	167

Monthly Effluent Chlorides

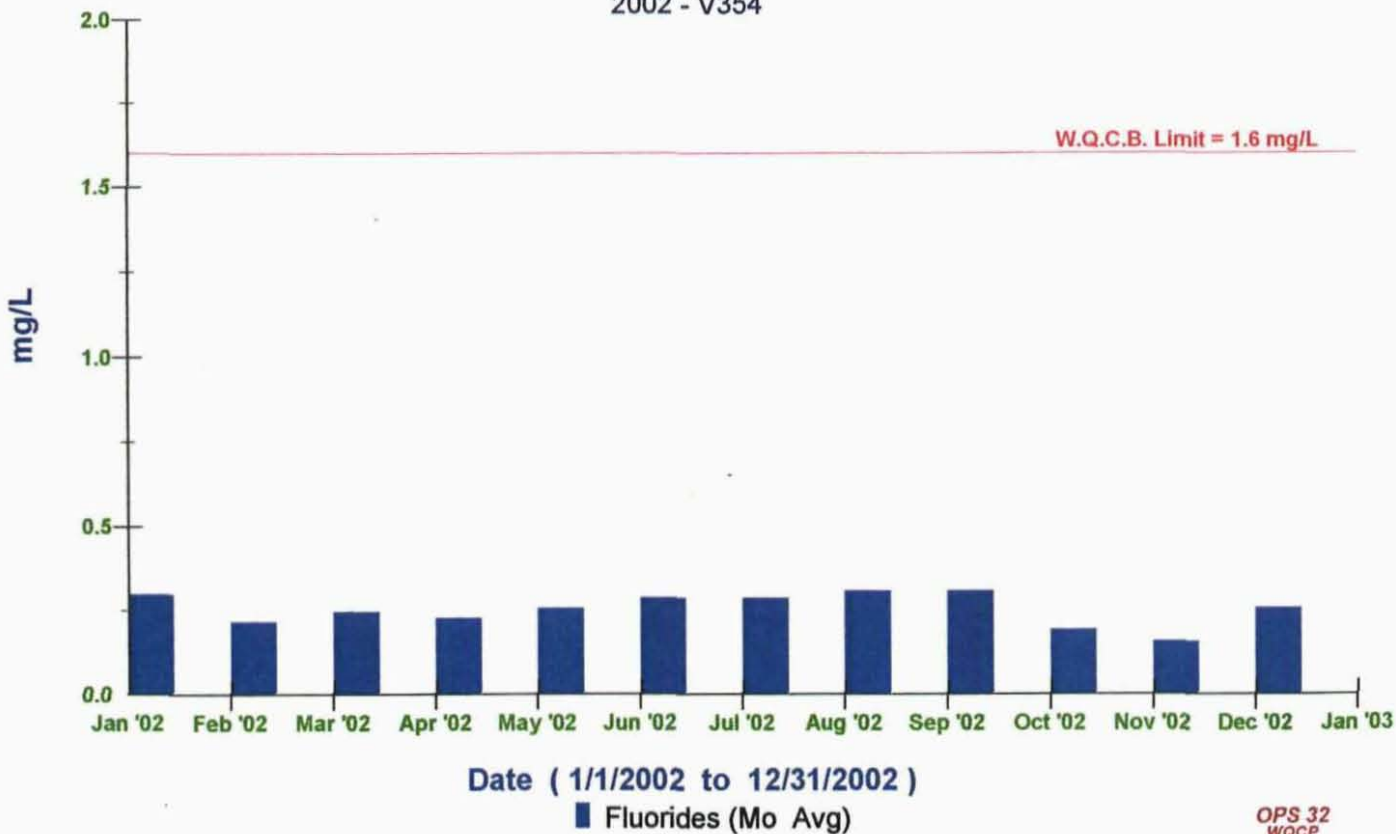
2002 - V353



OPS 32
WQCP
Monthly Effluent Chlorides

Monthly Effluent Fluorides

2002 - V354



OPS 32
WQCP
Monthly Effluent Fluorides

Monthly Effluent NO3 + NO2
2002 - V357

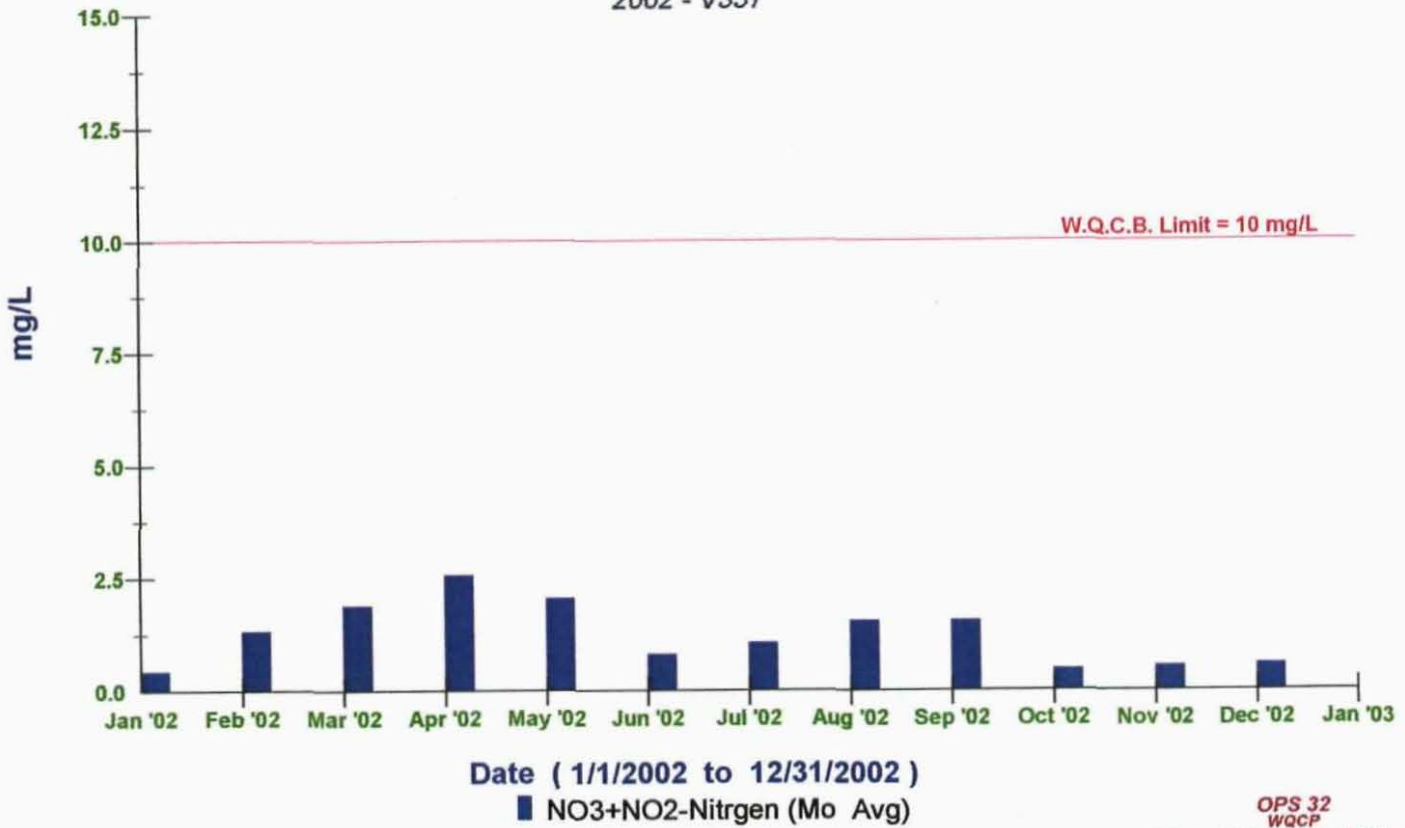
<u>Month</u>	<u>mg/L</u>	<u>lbs/day</u>
January	0.5	34
February	1.4	102
March	1.9	136
April	2.6	192
May	2.1	148
June	0.8	62
July	1.1	75
August	1.6	117
September	1.6	118
October	0.5	36
November	0.6	42
December	0.6	45
Average	1.3	92
W.Q.C.B. Limit	10.0	1040

Monthly Effluent Sulfate
2002 - V358

<u>Month</u>	<u>mg/L</u>	<u>lbs/day</u>
January	156	11,436
February	172	12,996
March	188	13,312
April	180	13,316
May	171	12,251
June	168	12,694
July	160	11,156
August	142	10,599
September	142	10,659
October	141	10,587
November	147	10,960
December	168	12,680
Average	161	11,887
W.Q.C.B. Limit	250	26100

Effluent Nitrate - N + Nitrite - N

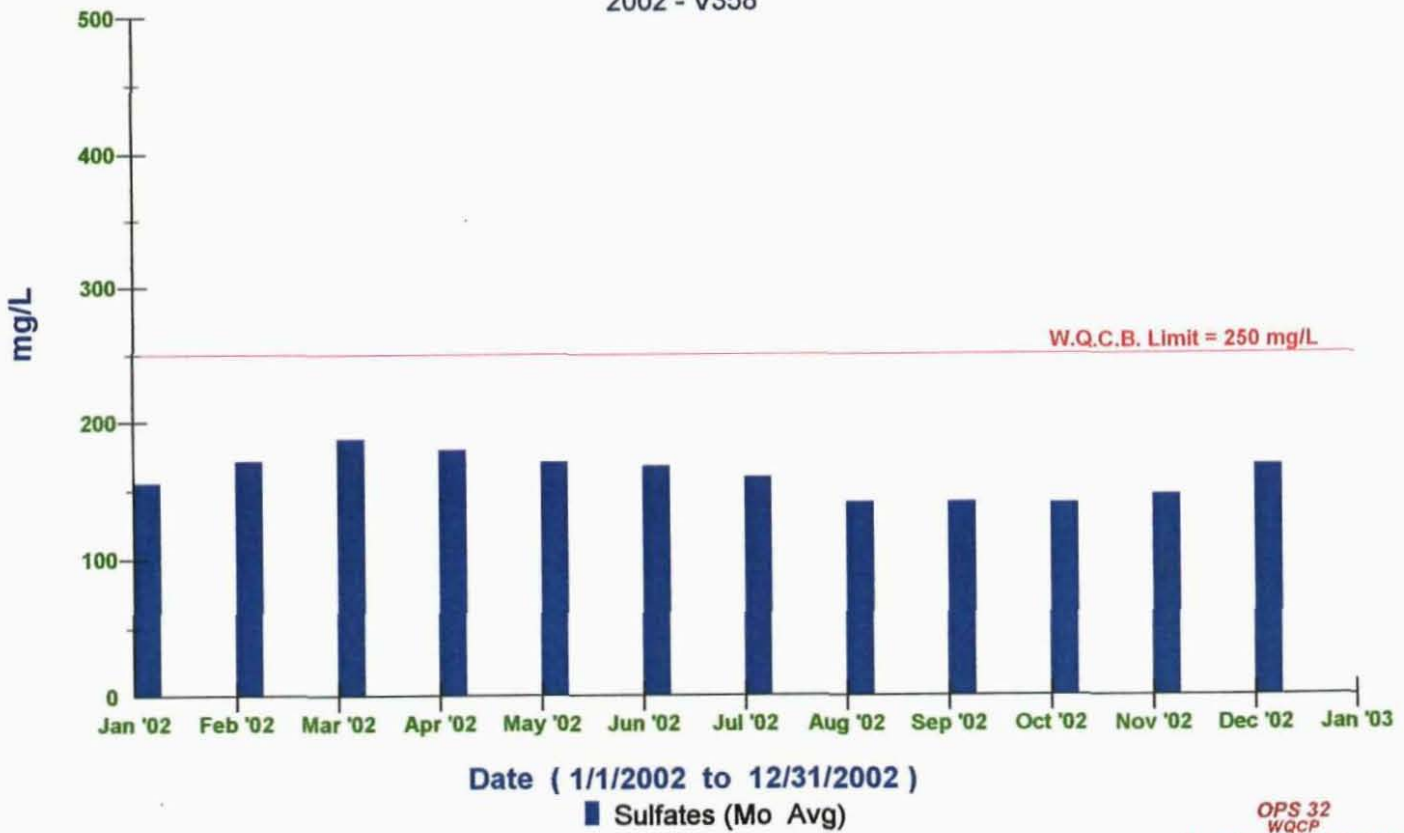
2002 - V357



OPS 32
WQCP
Effluent Nitrate - N + Nitrite - N

Monthly Effluent Sulfate

2002 - V358



OPS 32
WQCP
Monthly Effluent Sulfate

Effluent Total Dissolved Solids
2002 - V273

Month	mg/L	lbs/day
January	756	55,421
February	713	53,875
March	700	49,565
April	677	50,082
May	728	52,154
June	722	54,555
July	715	49,852
August	623	46,503
September	623	46,762
October	635	47,661
November	690	51,446
December	662	49,966
Average	687	50,654
W.Q.C.B. Limit	850	88613

Rags & Grit Hauled To Simi Valley Landfill
2002 - V332

Month	Tons
January	37
February	23
March	31
April	24
May	27
June	31
July	23
August	17
September	33
October	37
November	31
December	25
Average	28.3
W.Q.C.B. Limit	No Limit

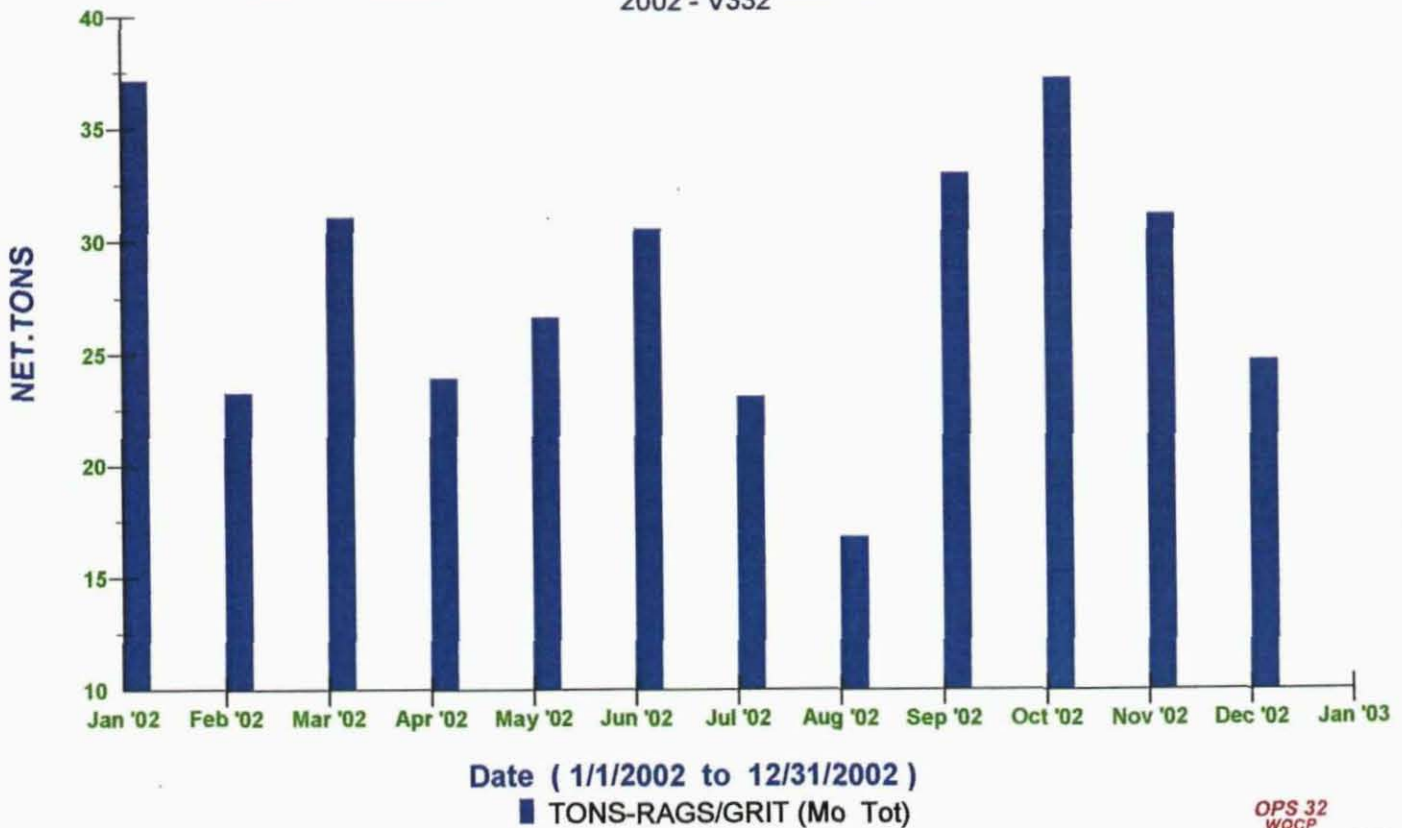
Monthly Averages Of Total Dissolved Solids

2002 - V273



Rags & Grit Hauled To Simi Valley Landfill

2002 - V332



Biosolids Hauled to Buttonwillow Land & Cattle Co.
2002 - V334

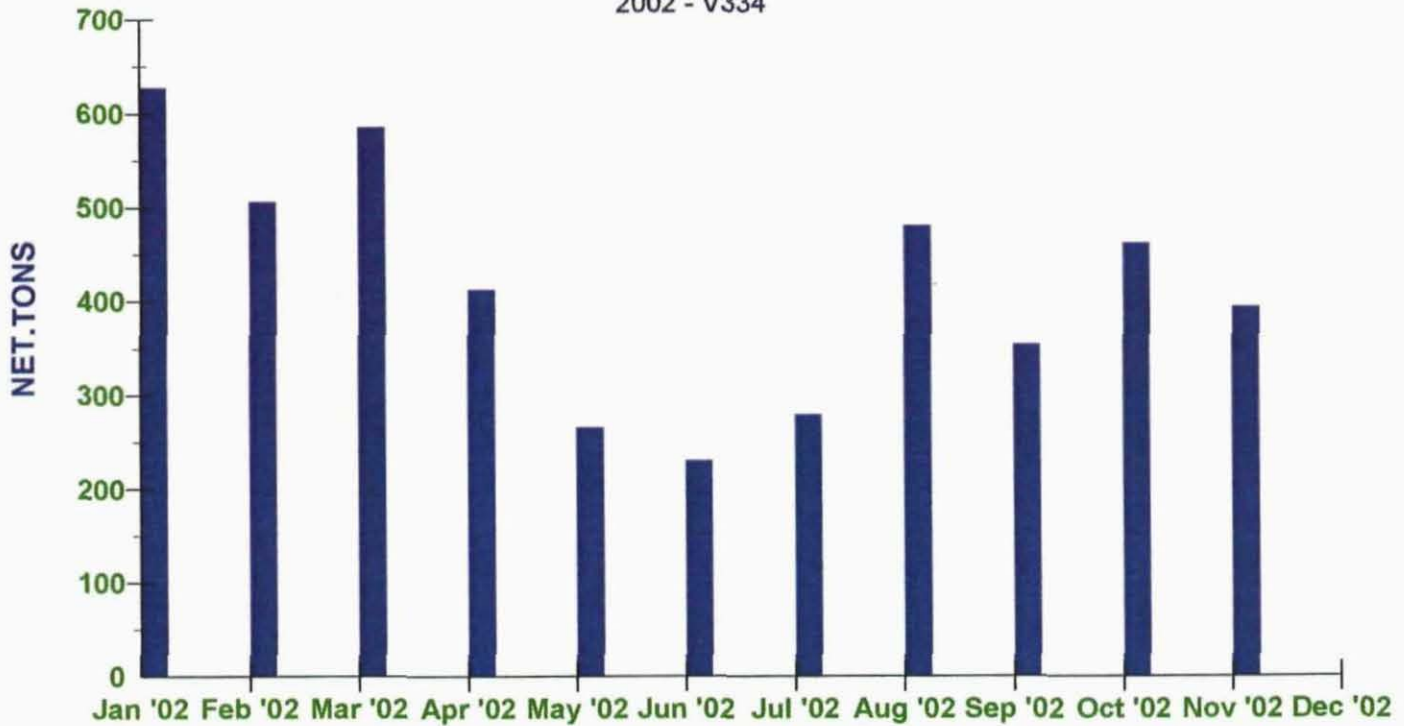
<u>Month</u>	<u>Tons</u>
January	628
February	506
March	586
April	413
May	267
June	231
July	281
August	481
September	355
October	462
November	394
December	
Average	419
W.Q.C.B. Limit	No Limit

Biosolids Hauled To Simi Valley Landfill
2002 - V331

<u>Month</u>	<u>Tons</u>
January	136
February	
March	48
April	23
May	
June	
July	
August	
September	
October	
November	377
December	1,245
Average	366
W.Q.C.B. Limit	No Limit

Biosolids Hauled To Buttonwillow

2002 - V334



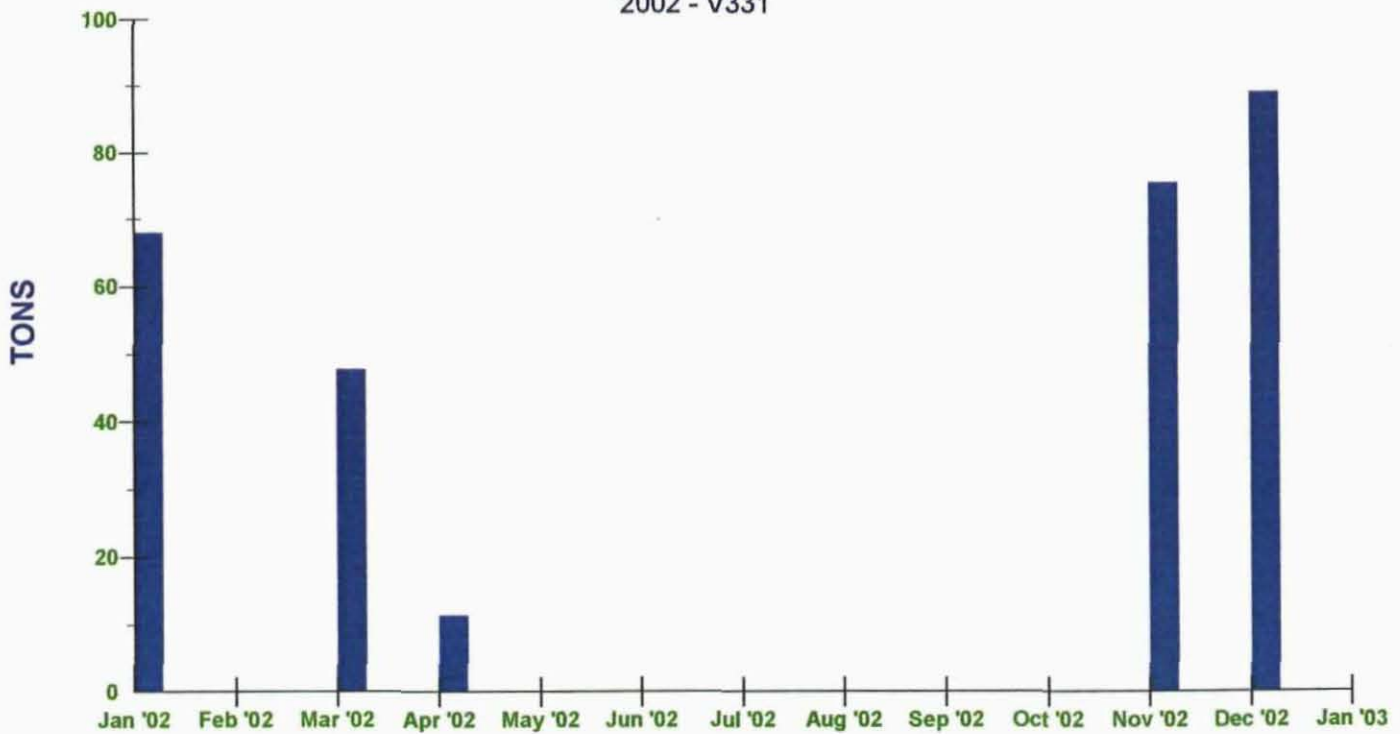
Date (1/1/2002 to 12/31/2002)

■ TONS-BTNWILLOW (Mo Tot)

OPS 32
WQCP
Biosolids Hauled To Buttonwillow

Biosolids Hauled To Simi Valley Landfill

2002 - V331



Date (1/1/2002 to 12/31/2002)

■ Biosolids to Simi Landfill (Mo Avg)

OPS 32
WQCP
Biosolids Hauled To Simi Valley Landfill

Receiving Water Constituents Temperature
2002 - W12 - W11 - W10

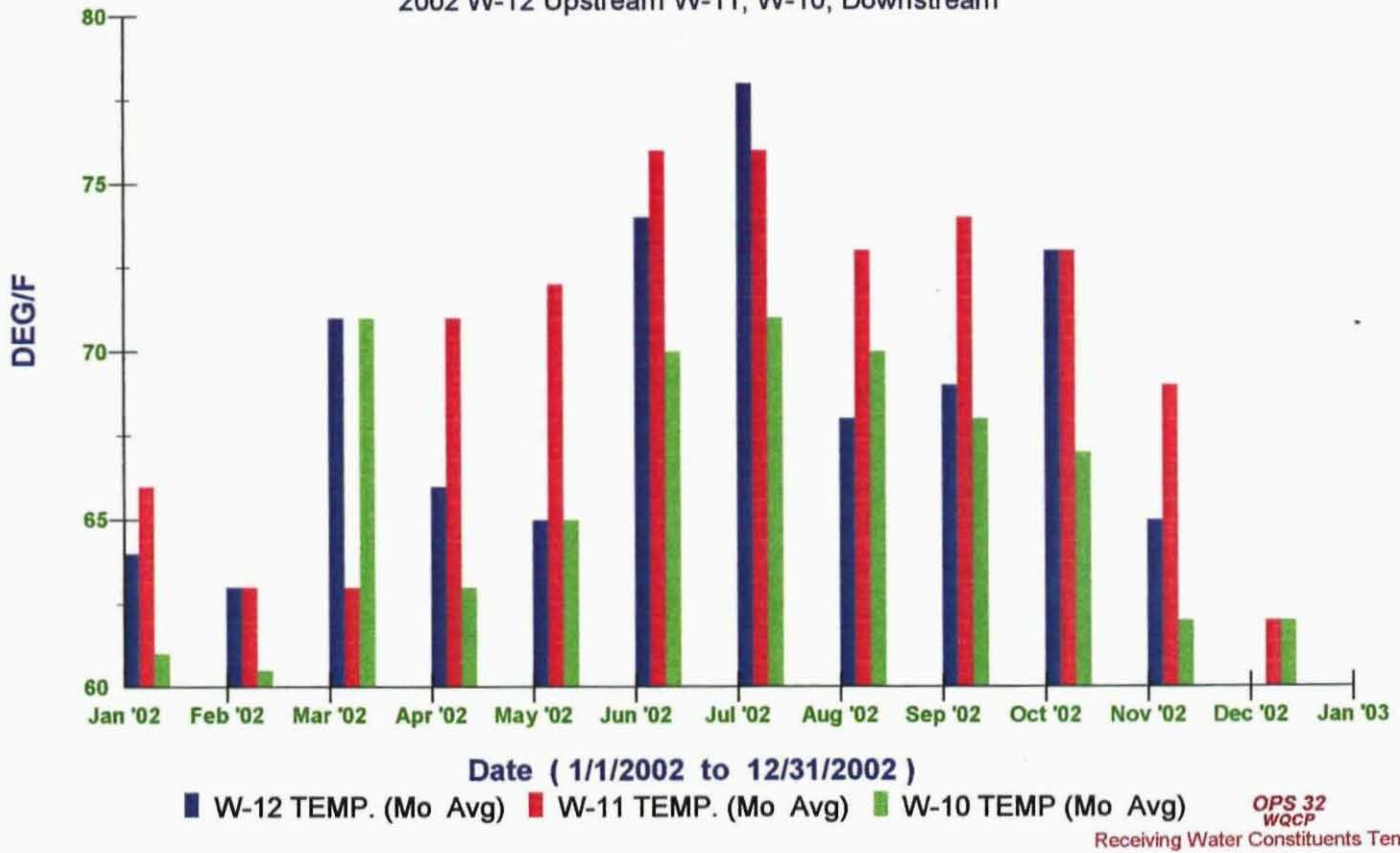
Month	W12 Temp (F)	W11 Temp (F)	W10 Temp (F)
January	64	66	61
February	63	63	61
March	71	63	71
April	66	71	63
May	65	72	65
June	74	76	70
July	78	76	71
August	68	73	70
September	69	74	68
October	73	73	67
November	65	69	62
December	60	62	62
Average	68	70	66
W.Q.C.B. Limit	None	None	None

Receiving Water Constituents pH
2002 - W12 - W11 - W10

Month	W12 pH	W11 pH	W10 pH
January	8.2	7.7	7.8
February	8.3	8.0	7.8
March	8.4	8.0	7.9
April	8.2	8.0	7.8
May	8.2	7.9	7.8
June	8.3	7.9	7.8
July	8.3	7.9	7.8
August	8.0	7.7	7.8
September	8.3	7.7	7.8
October	8.3	7.8	7.8
November	8.4	7.8	7.7
December	8.2	7.9	7.8
Average	8.3	7.9	7.8
W.Q.C.B. Limit	None	None	None

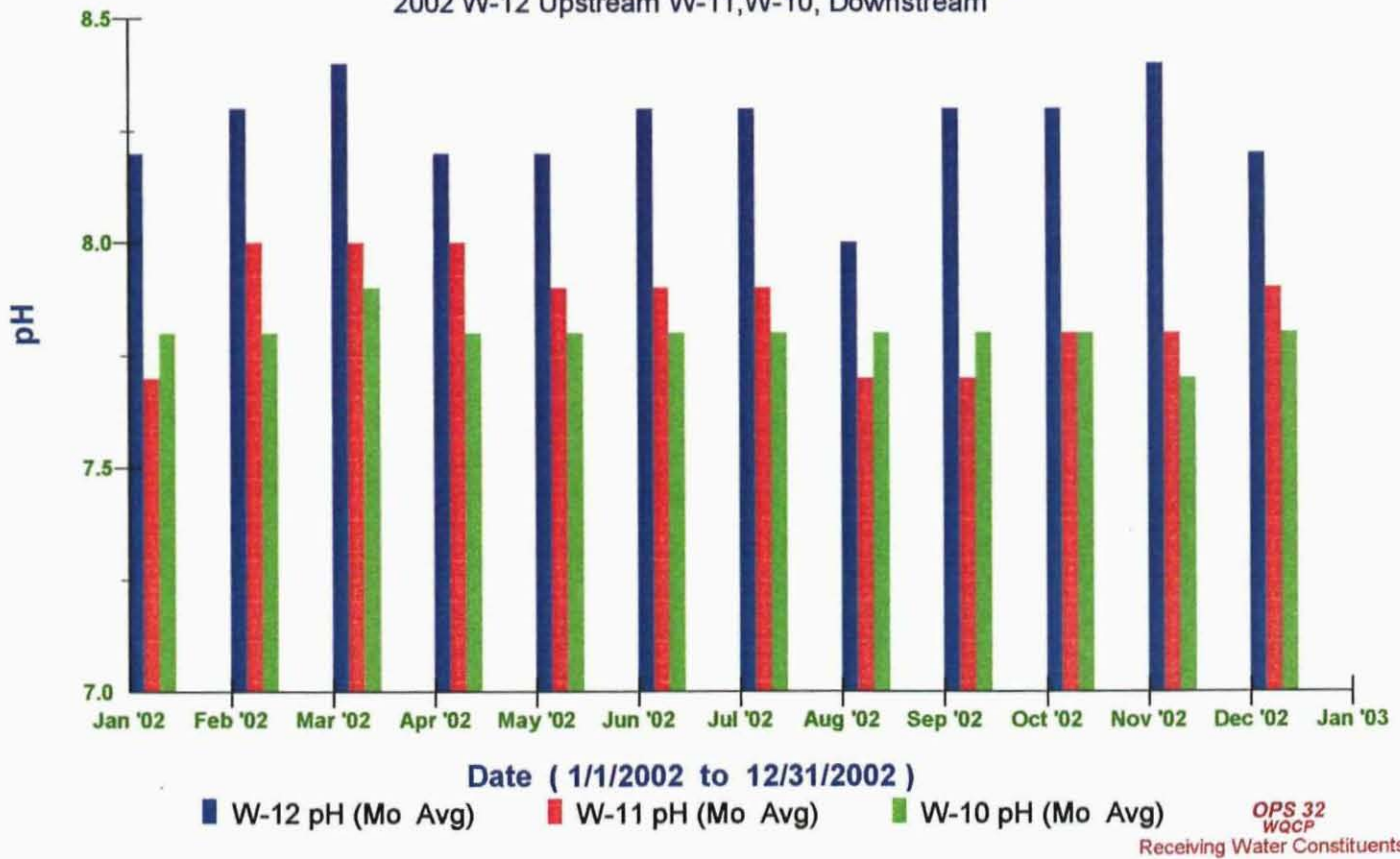
Receiving Water Constituents Temperature

2002 W-12 Upstream W-11, W-10, Downstream



Receiving Water Constituents pH

2002 W-12 Upstream W-11, W-10, Downstream



Receiving Water Constituents
2002 Biochemical Oxygen Demand (BOD)

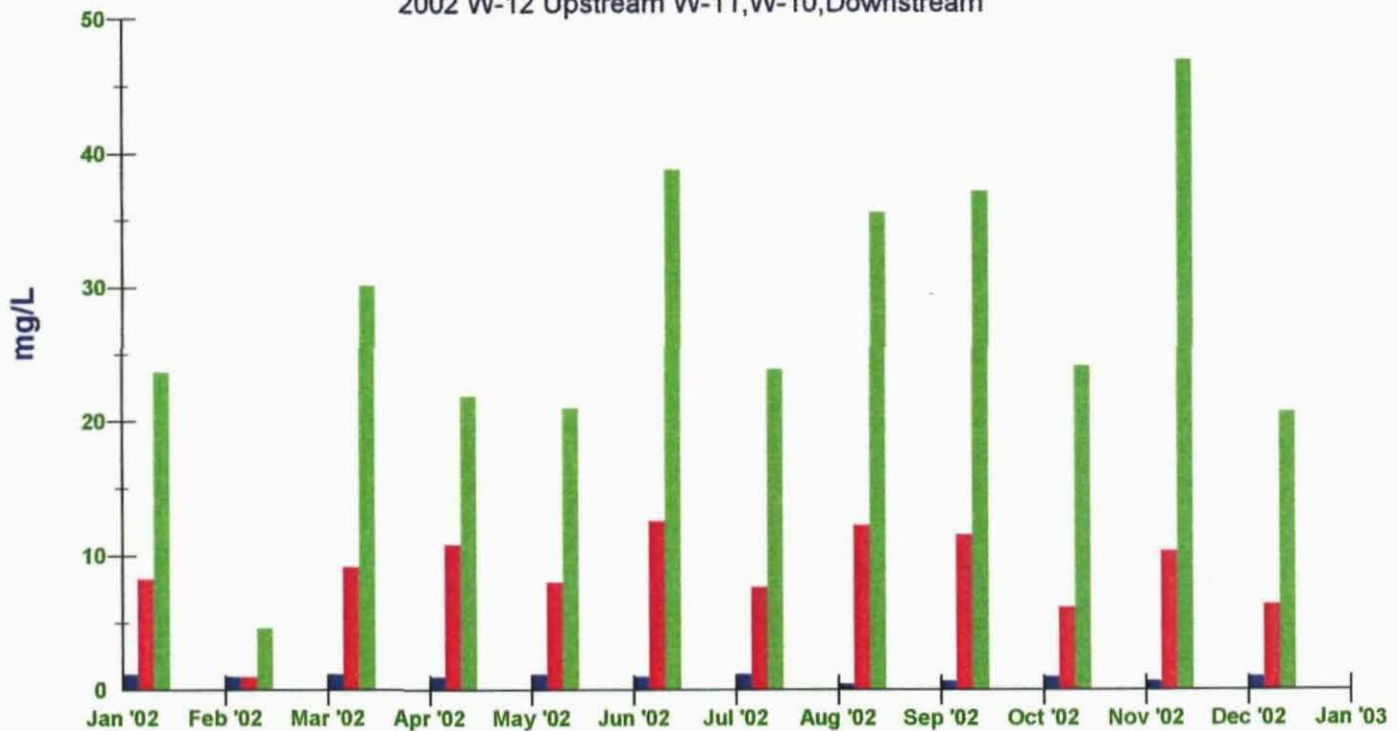
Month	W12 mg/L	W11 mg/L	W10 mg/L
January	1	8	24
February	1	1	5
March	1	9	30
April	1	11	22
May	1	8	21
June	1	13	39
July	1	8	24
August	0	12	36
September	1	12	37
October	1	6	24
November	1	10	47
December	1	6	21
Average	1	9	28
W.Q.C.B. Limit	None	None	None

Receiving Water Constituents
2002 Dissolved Oxygen

Month	W12 mg/L	W11 mg/L	W10 mg/L
January	12.1	7.6	8.3
February	11.7	12.2	9.5
March	11.7	11.3	6.0
April	18.0	9.2	12.5
May	9.7	8.2	6.6
June	9.0	6.4	5.0
July	9.3	9.3	4.7
August	8.9	3.8	4.4
September	10.2	3.7	5.3
October	9.4	7.2	7.1
November	10.9	4.5	5.3
December	10.4	6.8	7.4
Average	10.9	7.5	6.8
W.Q.C.B. Limit	No Limit	No Limit	No Limit

Receiving Water Constituents BOD

2002 W-12 Upstream W-11,W-10,Downstream



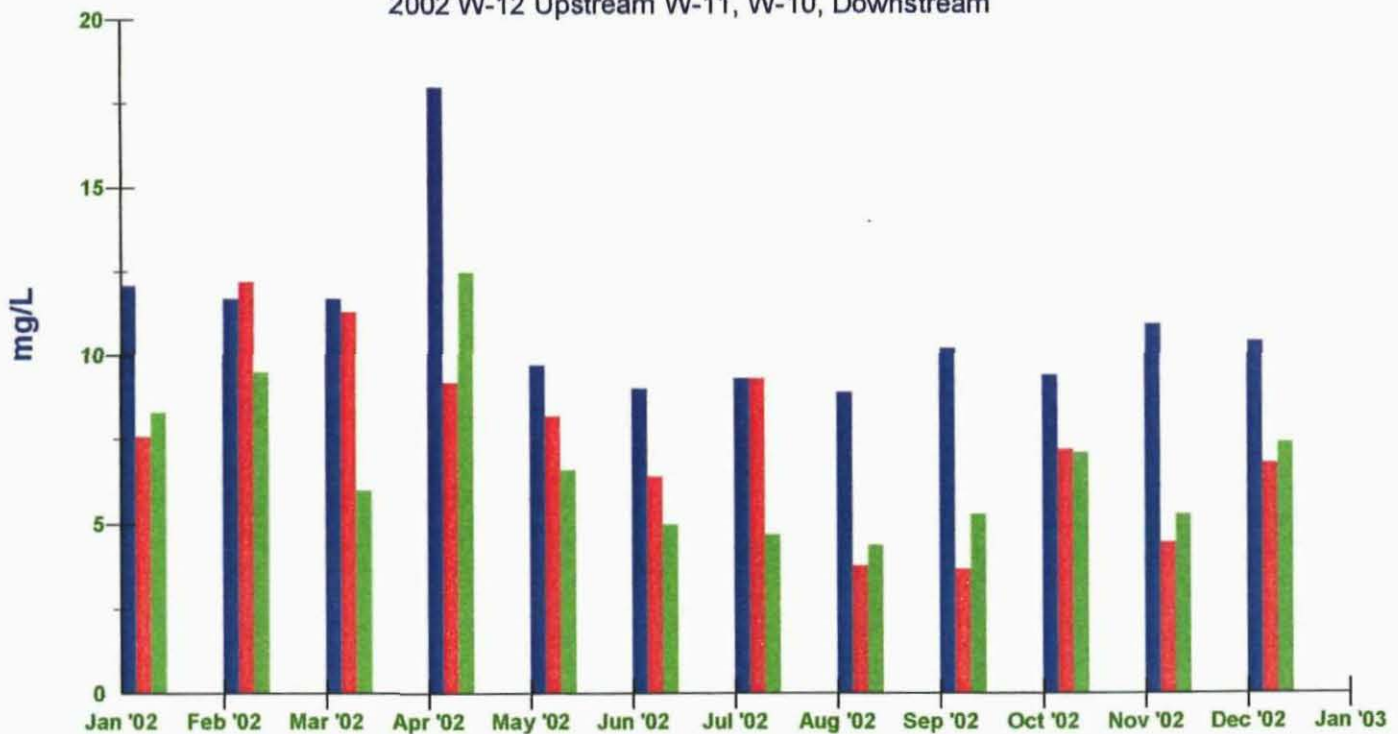
Date (1/1/2002 to 12/31/2002)

■ W-12 BOD (Mo Avg) ■ W-11 BOD (Mo Avg) ■ W-10 BOD (Mo Avg)

OPS 32
WQCP
Receiving Water Constituents BOD

Receiving Water Constituents D.O.

2002 W-12 Upstream W-11, W-10, Downstream



Date (1/1/2002 to 12/31/2002)

■ W-12 D.O. (Mo Avg) ■ W-11 D.O. (Mo Avg) ■ W-10 D.O. (Mo Avg)

OPS 32
WQCP
Receiving Water Constituents D.O.

Receiving Water Constituents
2002 Chlorides

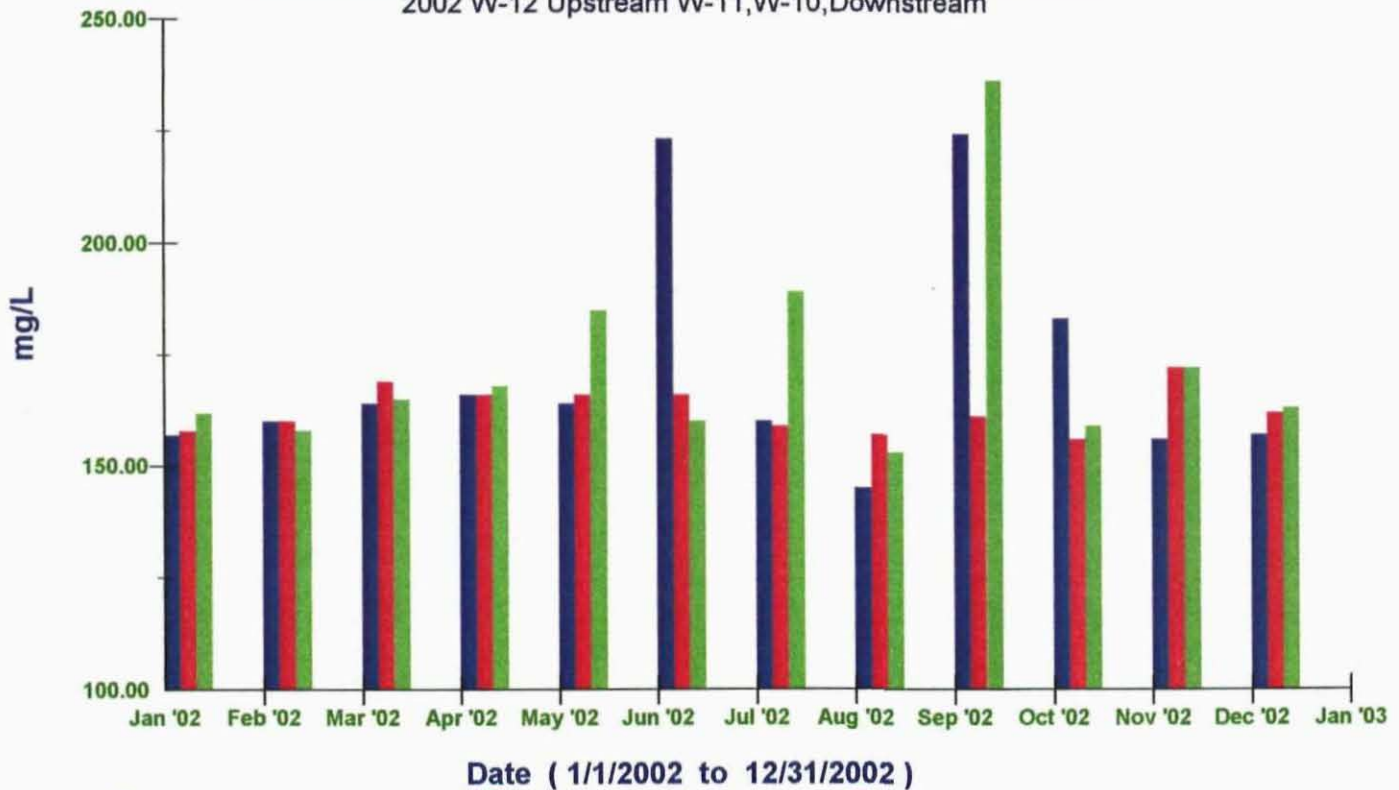
Month	W12 mg/L	W11 mg/L	W10 mg/L
January	157	158	162
February	160	160	158
March	164	169	165
April	166	166	168
May	164	166	185
June	223	166	160
July	160	159	189
August	145	157	153
September	224	161	236
October	183	156	159
November	156	172	172
December	157	162	163
Average	172	163	173
W.Q.C.B. Limit	No Limit	No Limit	No Limit

Receiving Water Constituents
2002 Turbidity

Month	W12 NTU	W11 NTU	W10 NTU
January	0.8	1.2	5.7
February	0.7	1.8	5.5
March	0.6	1.0	3.2
April	0.5	1.0	2.5
May	1.2	2.1	0.1
June	0.8	1.8	3.0
July	0.8	1.3	2.0
August	1.2	1.3	2.8
September	0.7	1.4	2.5
October	0.8	1.7	2.6
November	0.8	1.5	2.1
December	1.3	1.4	3.7
Average	0.9	1.5	3.0
W.Q.C.B. Limit	No Limit	No Limit	No Limit

Receiving Water Constituents Chlorides

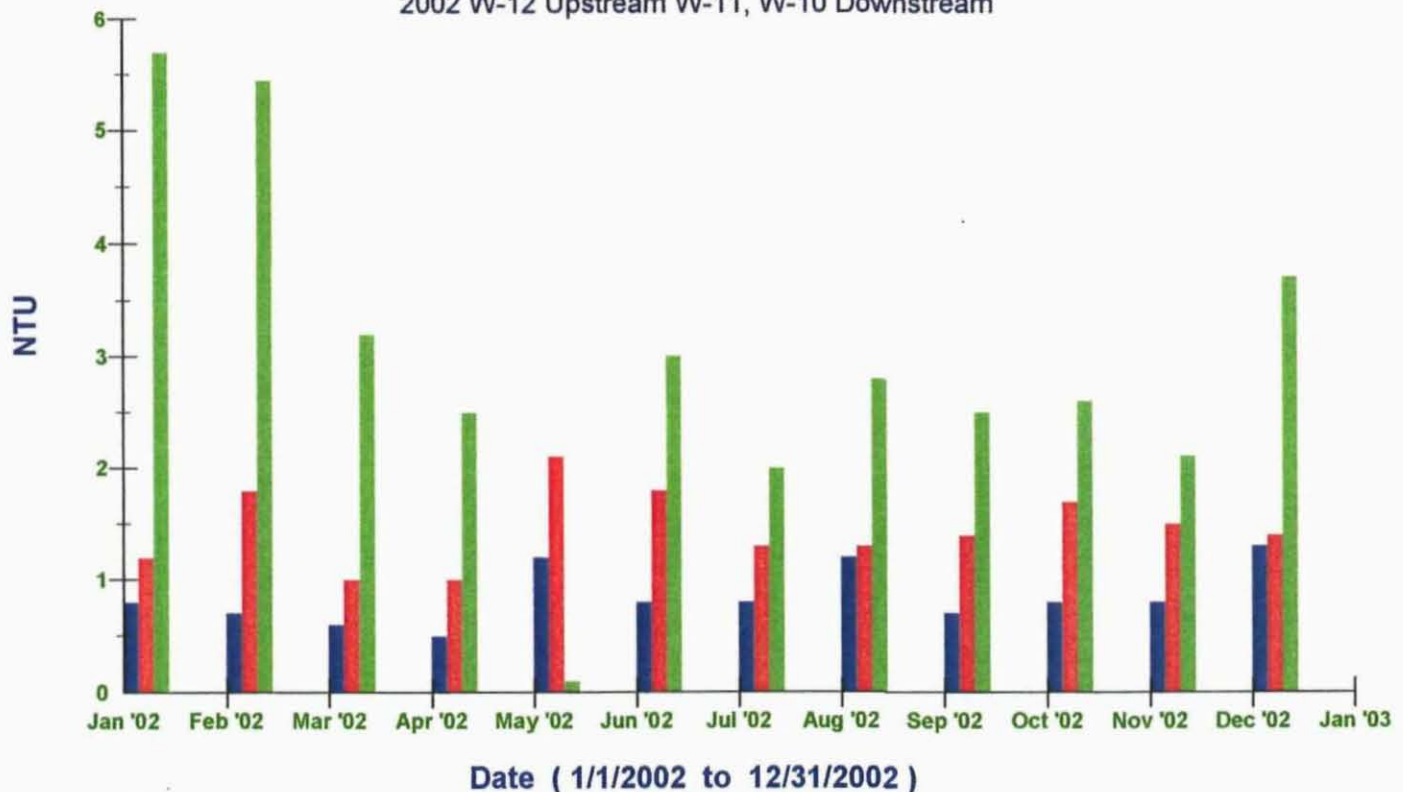
2002 W-12 Upstream W-11,W-10,Downstream



Date (1/1/2002 to 12/31/2002)
 ■ W-12 CHLORIDE (Mo Avg) ■ W-11 CHLORIDE (Mo Avg) ■ W-10 CHLORIDE (Mo Avg) OPS 32 WQCP
 Receiving Water Constituents Chlorides

Receiving Water Constituents Turbidity

2002 W-12 Upstream W-11, W-10 Downstream



Date (1/1/2002 to 12/31/2002)
 ■ W-12 TURBIDITY (Mo Avg) ■ W-11 TURBIDITY (Mo Avg) ■ W-10 TURBIDITY (Mo Avg) OPS 32 WQCP
 Receiving Water Constituents Turbidity

Receiving Water Constituents
2002 Chlorine

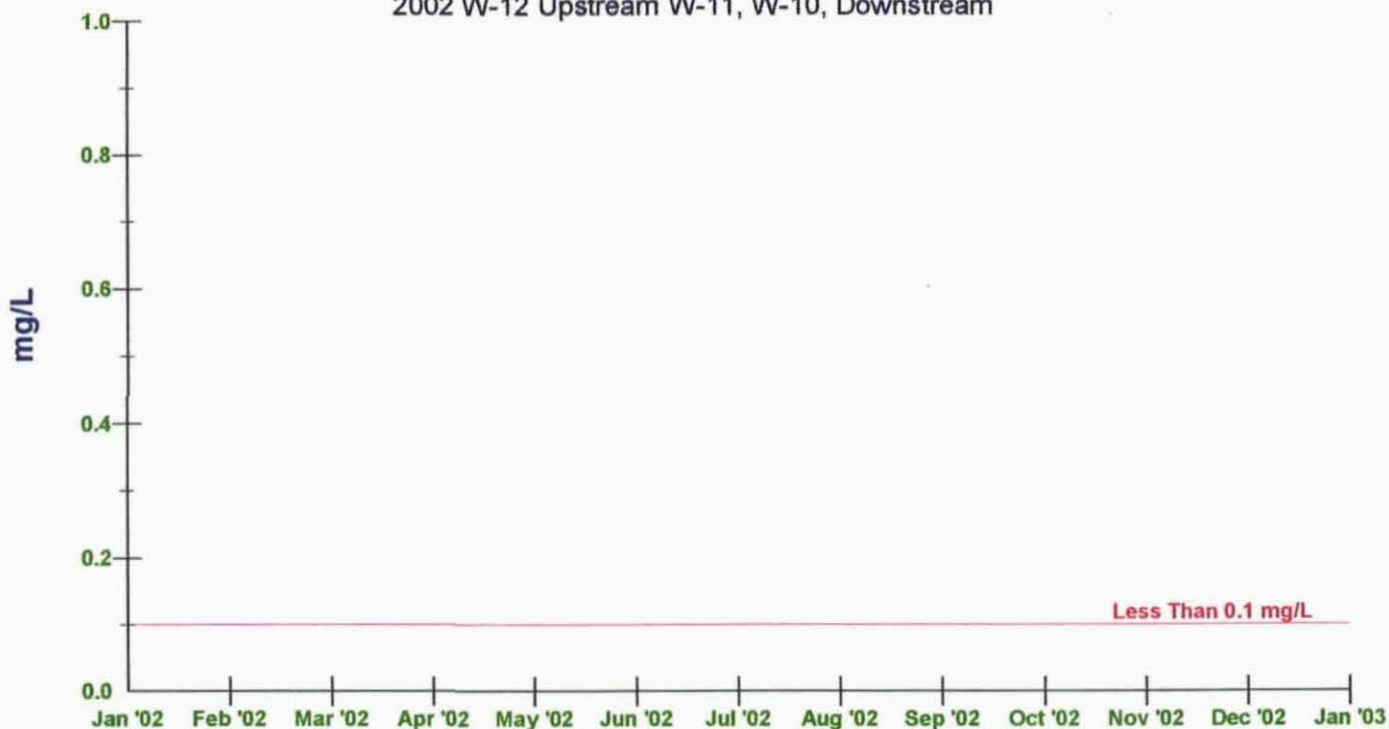
Month	W12 mg/L	W11 mg/L	W10 mg/L
January	0.0	0.0	0.00
February	0.0	0.0	0.00
March	0.0	0.0	0.00
April	0.0	0.0	0.00
May	0.0	0.0	0.00
June	0.0	0.0	0.00
July	0.0	0.0	0.00
August	0.0	0.0	0.00
September	0.0	0.0	0.00
October	0.0	0.0	0.00
November	0.0	0.0	0.00
December	0.0	0.0	0.00
Average	0.0	0.0	0.0
W.Q.C.B. Limit	No Limit	No Limit	No Limit

Receiving Water Constituents
2002 MPN- Most Probable Number

Month	W12 MPN	W11 MPN	W10 MPN
January	1,400	800	200
February	3,000	1,300	800
March	1,100	1,100	400
April	800	200	1,400
May	5,000	1,700	13,000
June	800	1,100	400
July	1,400	3,000	800
August	3,000	2,700	3,400
September	6,000	5,000	5,000
October	1,700	400	400
November	1,700	1,300	2,200
December	3,400	800	3,000
Average	2,442	1,617	2,583
W.Q.C.B. Limit	No Limit	No Limit	No Limit

Receiving Water Constituents Chlorine

2002 W-12 Upstream W-11, W-10, Downstream

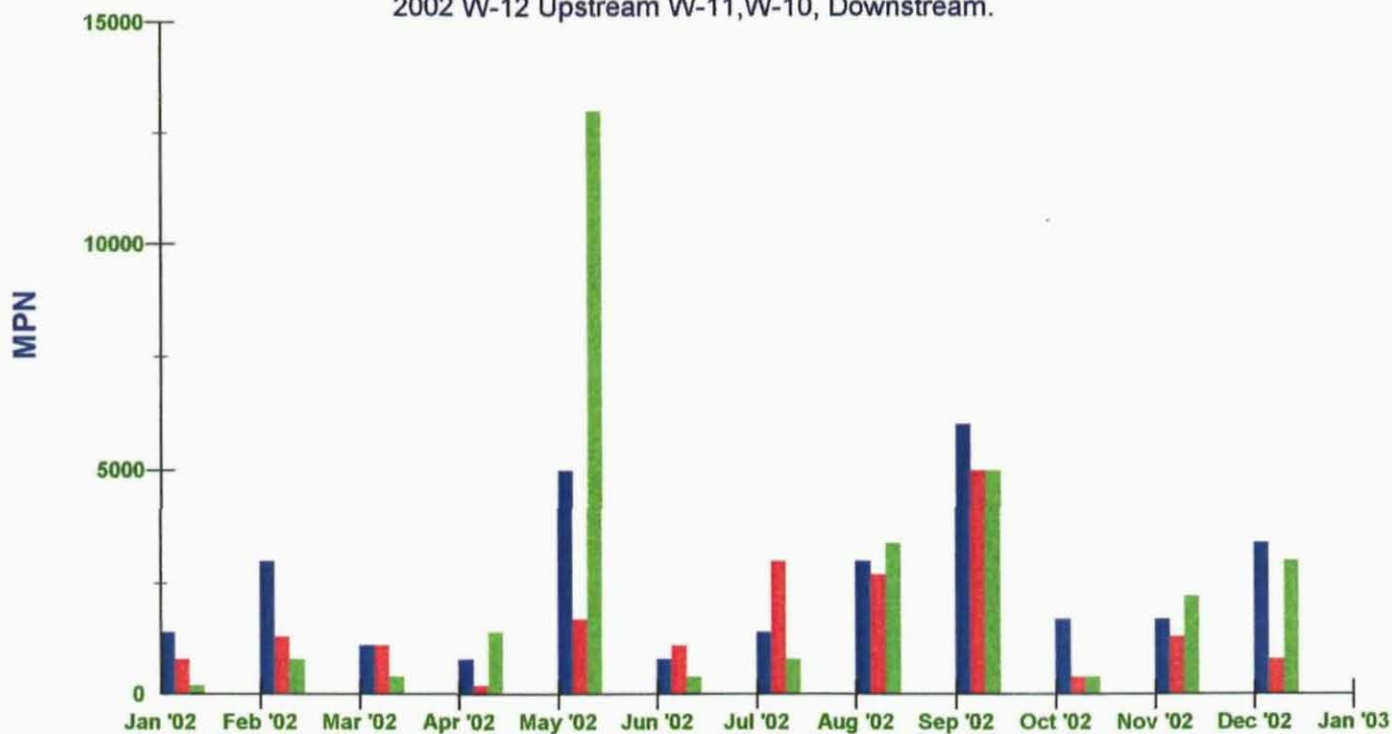


Date (1/1/2002 to 12/31/2002)

■ W-12 RESID.CL2 (Mo Avg)
 ■ W-11 RESID. CL2 (Mo Avg)
 ■ W-10 RES.CL2 (Mo Avg)
 OPS 32
WQCP
Receiving Water Constituents Chlorine

Receiving Water Constituents MPN

2002 W-12 Upstream W-11,W-10, Downstream.



Date (1/1/2002 to 12/31/2002)

■ W-12 TOT COLIF. (Mo Avg)
 ■ W-11 TOT.COLIF. (Mo Avg)
 ■ W-10 COLIFORM (Mo Avg)
 OPS 32
WQCP
Receiving Water Constituents MPN

Receiving Water Constituents

2002 Settleable Solids

Month	W12 mg/L	W11 mg/L	W10 mg/L
January	0.0	0.0	0.0
February	0.0	0.0	0.0
March	0.0	0.0	0.0
April	0.0	0.0	0.0
May	0.0	0.0	0.0
June	0.0	0.0	0.0
July	0.0	0.0	0.0
August	0.0	0.0	0.0
September	0.0	0.0	0.0
October	0.0	0.0	0.0
November	0.0	0.0	0.0
December	0.0	0.0	0.0
Average	0	0	0
W.Q.C.B. Limit	No Limit	No Limit	No Limit

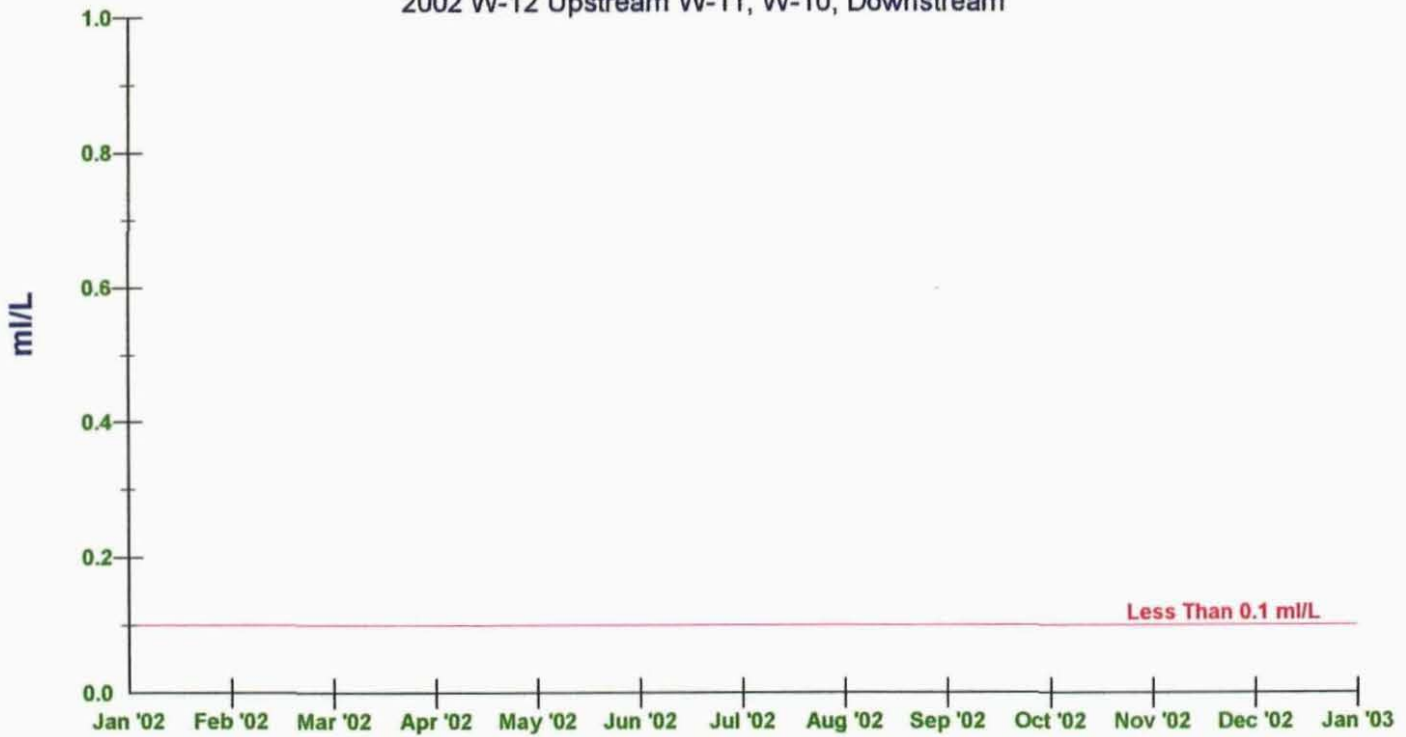
Receiving Water Constituents

2002 Nitrate Nitrogen

Month	W12 mg/L	W11 mg/L	W10 mg/L
January	4.4	1.5	3.9
February	4.9	2.3	3.4
March	4.4	2.1	3.8
April	3.7	1.5	3.7
May	3.9	1.6	3.7
June	3.4	1.3	3.5
July	3.4	1.6	4.3
August	2.8	1.6	4.1
September	3.2	1.4	4.5
October	3.4	1.4	4.5
November	0.1	1.9	4.4
December	3.9	1.4	2.9
Average	3.5	1.6	3.9
W.Q.C.B. Limit	No Limit	No Limit	No Limit

Receiving Water Constituents-Settleable Solids

2002 W-12 Upstream W-11, W-10, Downstream

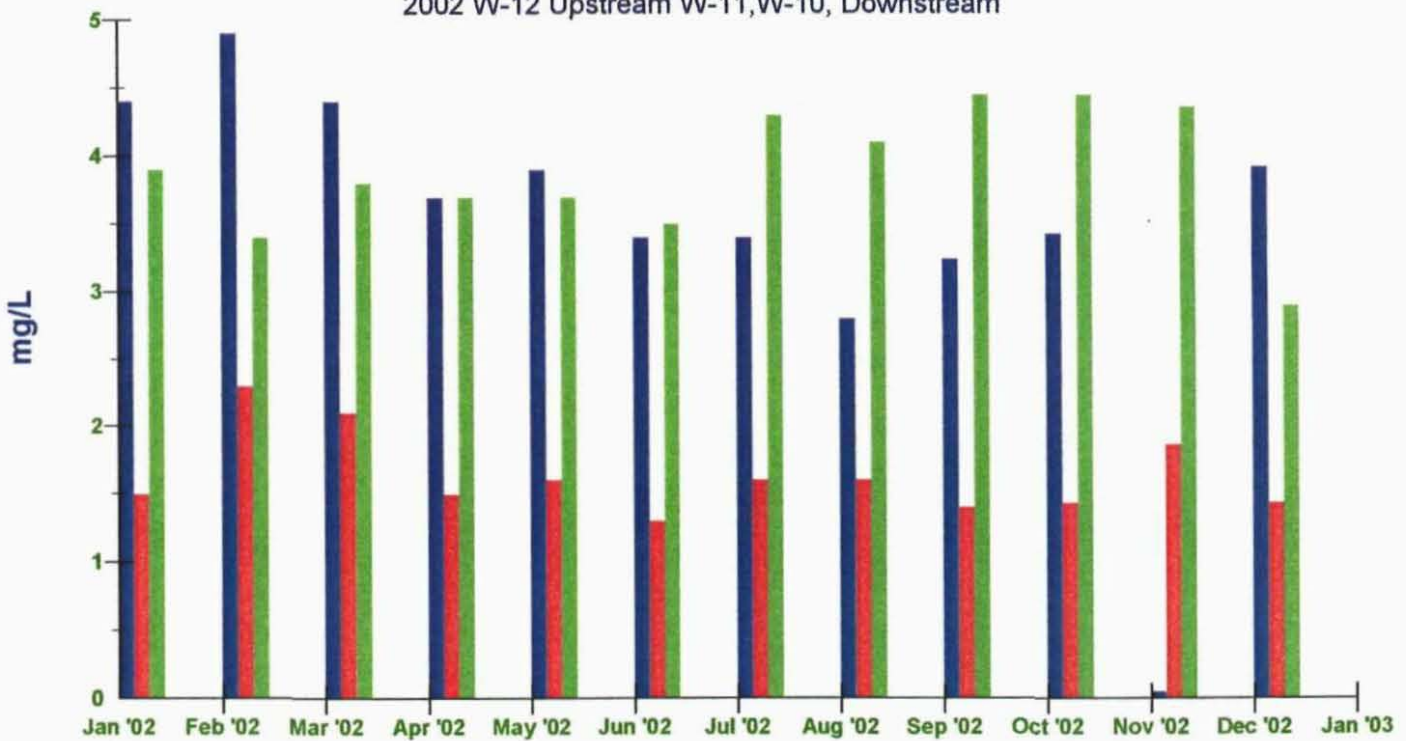


Date (1/1/2002 to 12/31/2002)

■ W-12 SET.SOLIDS (Mo Avg) ■ W-11 SET.SOLIDS (Mo Avg) ■ W-10 SETT.SLDS. (Mo Avg) ^{OPS 32} _{WQCP}
 Receiving Water Constituents-Settleable Solids

Receiving Water Constituents Nitrate Nitrogen

2002 W-12 Upstream W-11, W-10, Downstream



Date (1/1/2002 to 12/31/2002)

■ W-12 NO3-N (Mo Avg) ■ W-11 NO3-N (Mo Avg) ■ W-10 NO3-N (Mo Avg) ^{OPS 32} _{WQCP}
 Receiving Water Constituents Nitrate Nitrogen

Receiving Water Constituents

2002 Nitrite Nitrogen

Month	W12 mg/L	W11 mg/L	W10 mg/L
January	0.0	0.2	0.4
February	0.1	0.3	0.0
March	0.0	0.4	1.1
April	0.1	0.6	1.2
May	0.1	1.1	1.7
June	0.0	1.2	2.0
July	0.0	1.1	1.9
August	0.1	1.3	1.3
September	0.0	1.0	1.3
October	0.0	1.0	1.2
November	4.2	1.3	1.0
December	0.1	0.5	0.9
Average	0.4	0.8	1.2
W.Q.C.B. Limit	No Limit	No Limit	No Limit

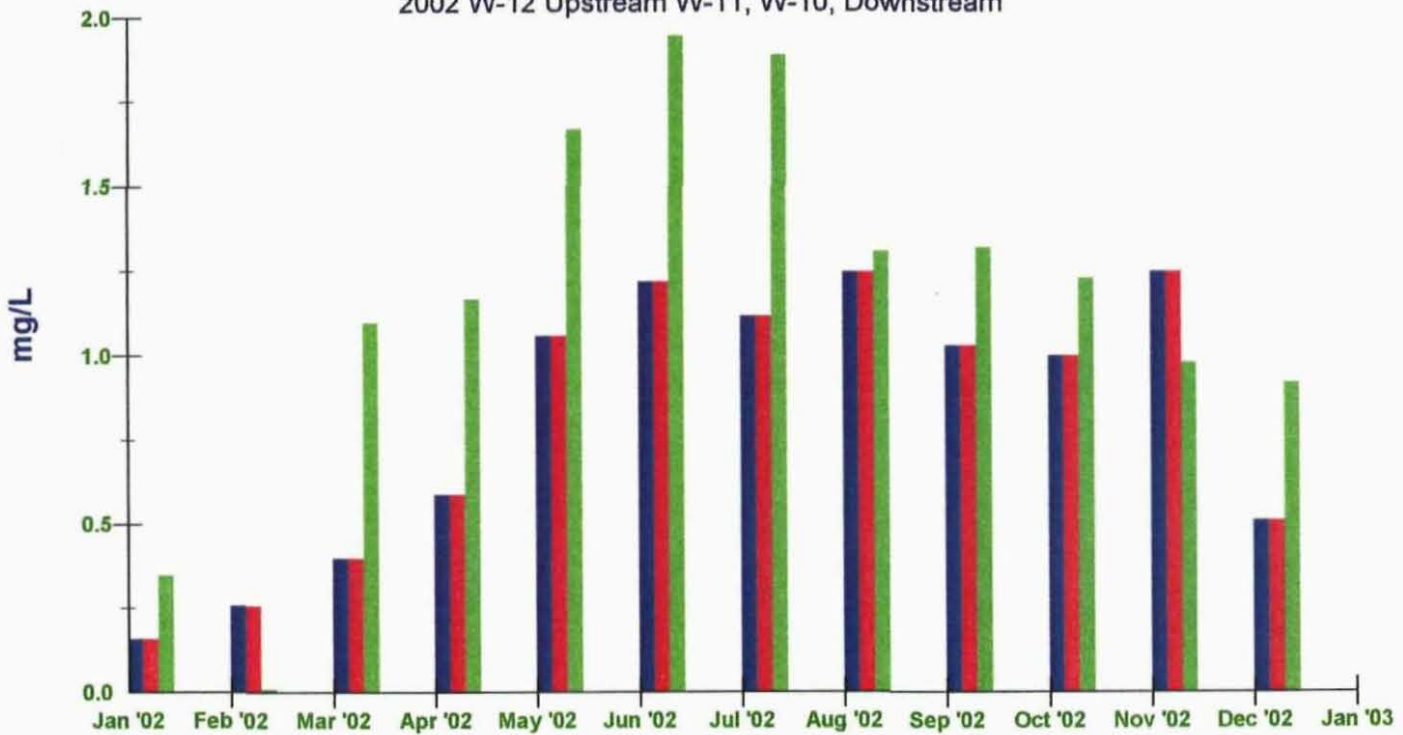
Receiving Water Constituents

2002 Ammonia Nitrogen

Month	W12 mg/L	W11 mg/L	W10 mg/L
January	1.0	14.1	8.7
February	1.2	8.2	6.6
March	0.3	10.7	9.7
April	1.0	13.0	18.2
May	1.0	16.2	11.8
June	1.0	13.6	10.4
July	1.0	11.0	9.3
August	0.9	11.5	10.1
September	0.8	16.6	12.7
October	0.4	15.2	8.8
November	0.3	10.4	14.1
December	1.0	16.2	12.4
Average	0.8	13.1	11.1
W.Q.C.B. Limit	No Limit	No Limit	No Limit

Receiving Water Constituents Nitrite Nitrogen

2002 W-12 Upstream W-11, W-10, Downstream



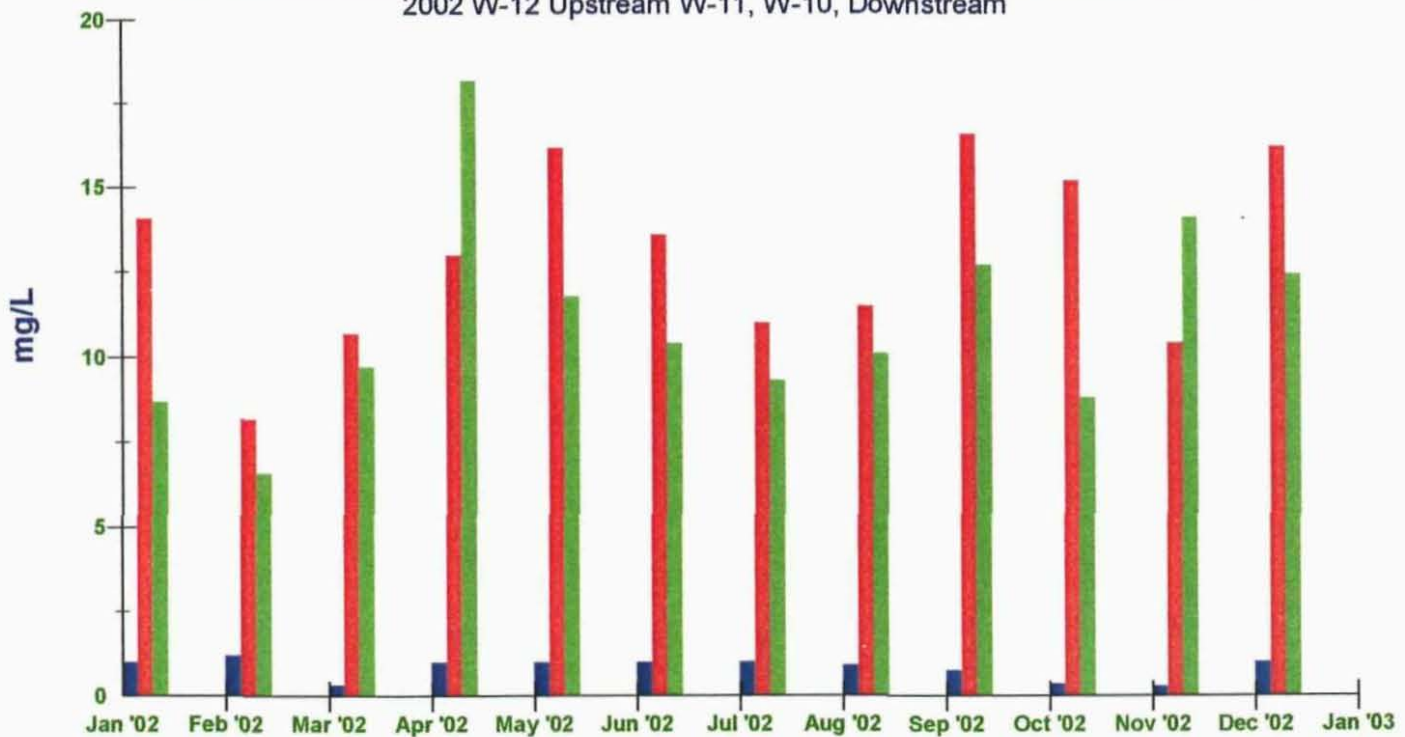
Date (1/1/2002 to 12/31/2002)

■ W-11 NO2-N (Mo Avg) ■ W-11 NO2-N (Mo Avg) ■ W-10 NO2-N (Mo Avg)

OPS 32
WQCP
Receiving Water Constituents Nitrite Nitrogen

Receiving Water Constituents Ammonia Nitrogen

2002 W-12 Upstream W-11, W-10, Downstream



Date (1/1/2002 to 12/31/2002)

■ W-12 NH3-N (Mo Avg) ■ W-11 NH3-N (Mo Avg) ■ W-10 NH3-N (Mo Avg)

OPS 32
WQCP
Receiving Water Constituents Ammonia Nitrogen

Receiving Water Constituents
2002 Organic Nitrogen

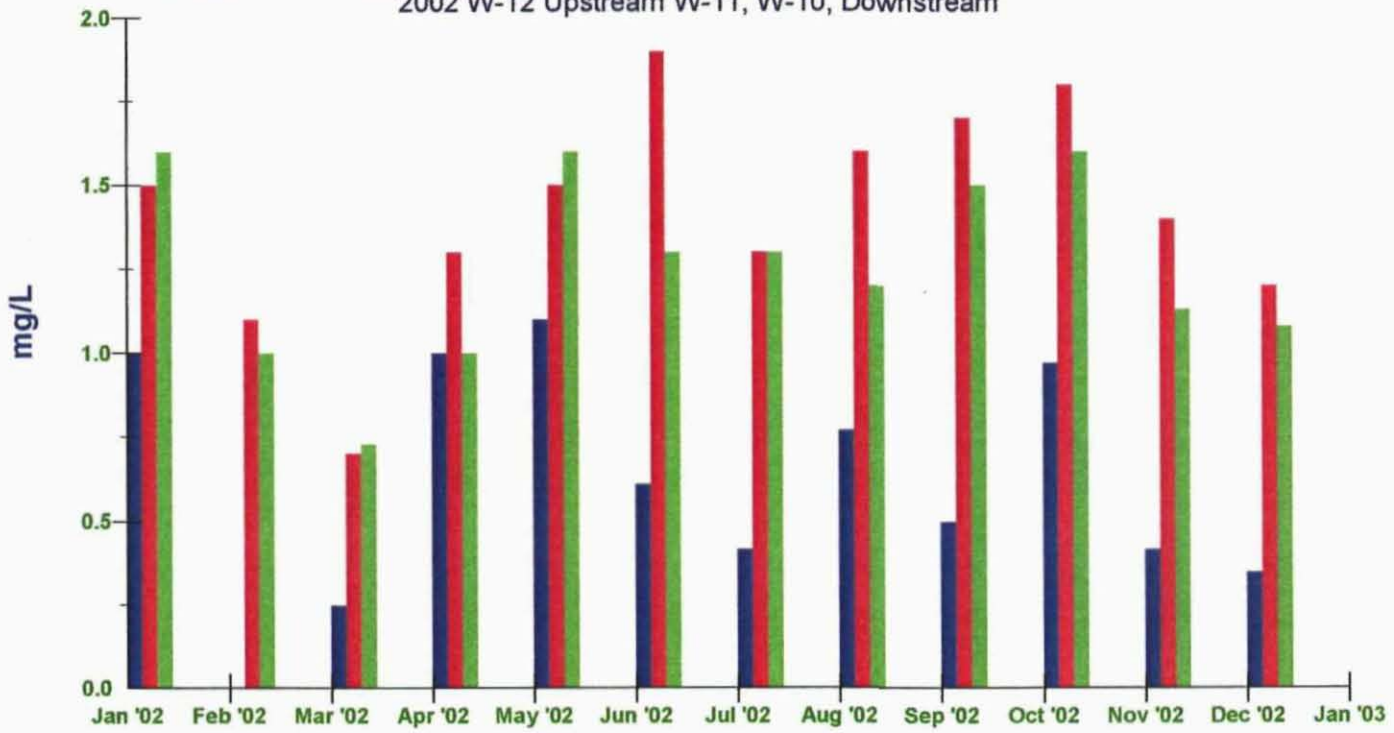
Month	W12 mg/L	W11 mg/L	W10 mg/L
January	1.0	1.5	1.6
February	0.0	1.1	1.0
March	0.3	0.7	0.7
April	1.0	1.3	1.0
May	1.1	1.5	1.6
June	0.6	1.9	1.3
July	0.4	1.3	1.3
August	0.8	1.6	1.2
September	0.5	1.7	1.5
October	1.0	1.8	1.6
November	0.4	1.4	1.1
December	0.4	1.2	1.1
Average	0.6	1.4	1.2
W.Q.C.B. Limit	No Limit	No Limit	No Limit

Receiving Water Constituents - Quarterly
2002 Quarterly Total Nitrogen

Month	W12 mg/L	W11 mg/L	W10 mg/L
January			
February	6.1	12.9	12.0
March			
April			
May	3.0	3.9	19.0
June			
July			
August	4.5	15.9	17.0
September	4.5	20.7	20.0
October	4.8	19.4	16.1
November	4.9	19.4	20.6
December	4.6	19.3	17.3
Average	4.6	15.9	17.4
W.Q.C.B. Limit	No Limit	No Limit	No Limit

Receiving Water Constituents Organic Nitrogen

2002 W-12 Upstream W-11, W-10, Downstream



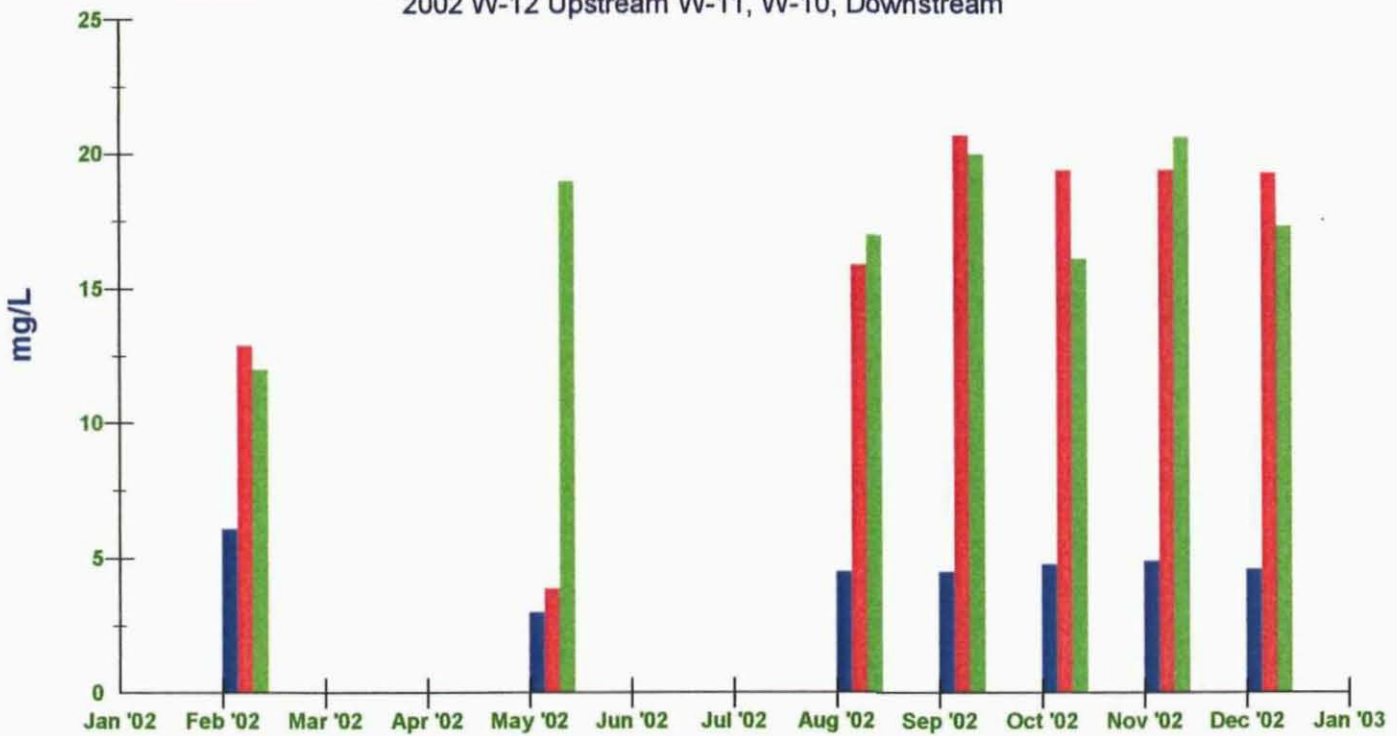
Date (1/1/2002 to 12/31/2002)

■ W-12 ORG.N (Mo Avg) ■ W-11 ORG.N (Mo Avg) ■ W-10 ORG.N (Mo Avg)

OPS 32
WQCP
Receiving Water Constituents Organic Nitroge

Receiving Water Constituents-Quarterly Total Nitrogen

2002 W-12 Upstream W-11, W-10, Downstream



Date (1/1/2002 to 12/31/2002)

■ W-12 TOT.N (Mo Avg) ■ W-11 TOT.N (Mo Avg) ■ W-10 TOT.N (Mo Avg)

OPS 32
WQCP
Receiving Water Constituents-Quarterly Total Niti

Receiving Water Constituents - Quarterly
2002 Quarterly MBAS

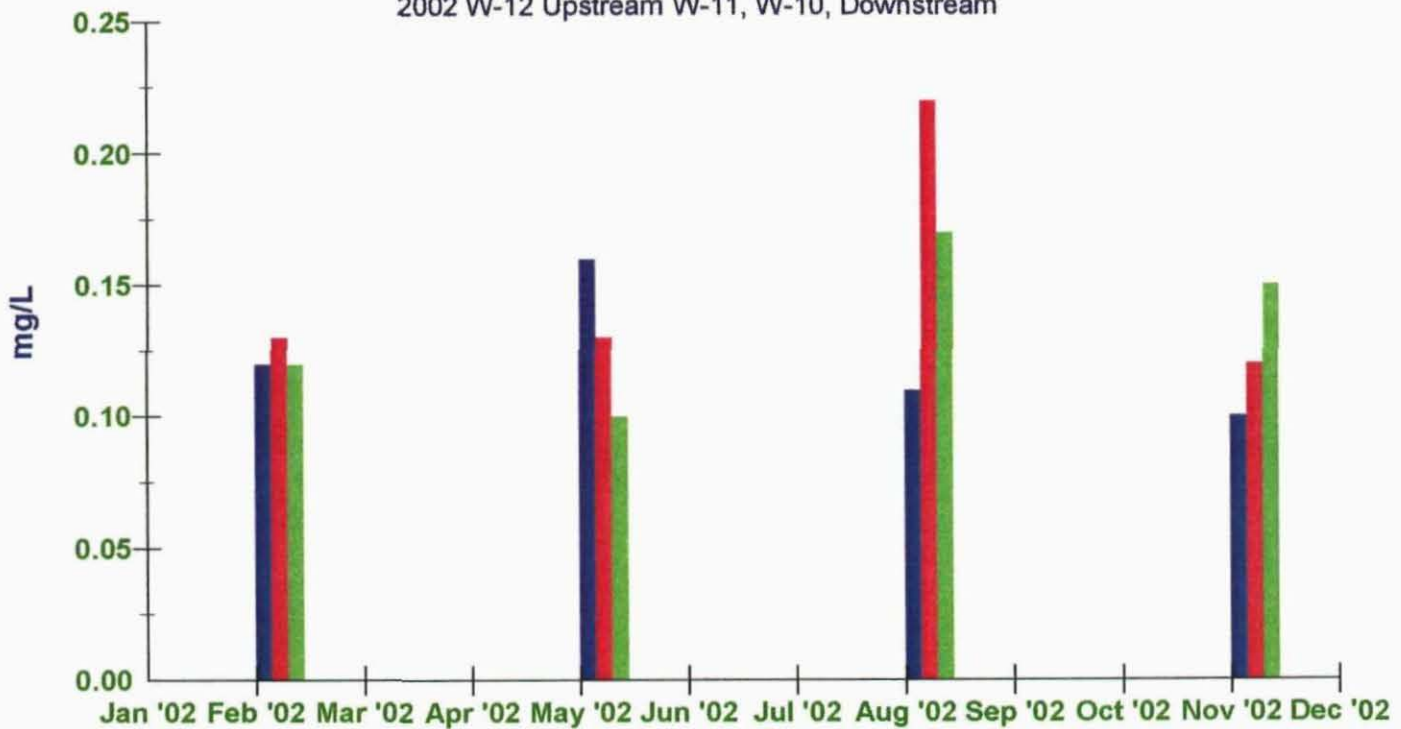
Month	W12 mg/L	W11 mg/L	W10 mg/L
January			
February	0.1	0.1	0.1
March			
April			
May	0.2	0.1	0.1
June			
July			
August	0.1	0.2	0.2
September			
October			
November	0.1	0.1	0.2
December			
Average	0.1	0.1	0.2
W.Q.C.B. Limit	No Limit	No Limit	No Limit

Receiving Water Constituents - Quarterly
2002 Quarterly Phosphate

Month	W12 mg/L	W11 mg/L	W10 mg/L
January			
February	0.0	1.5	1.4
March			
April			
May	0.1	1.9	1.7
June			
July			
August	0.0	1.5	1.8
September			
October			
November	0.0	0.7	0.8
December			
Average	0.0	1.4	1.4
W.Q.C.B. Limit	No Limit	No Limit	No Limit

Receiving Water Constituents-Quarterly MBAS

2002 W-12 Upstream W-11, W-10, Downstream

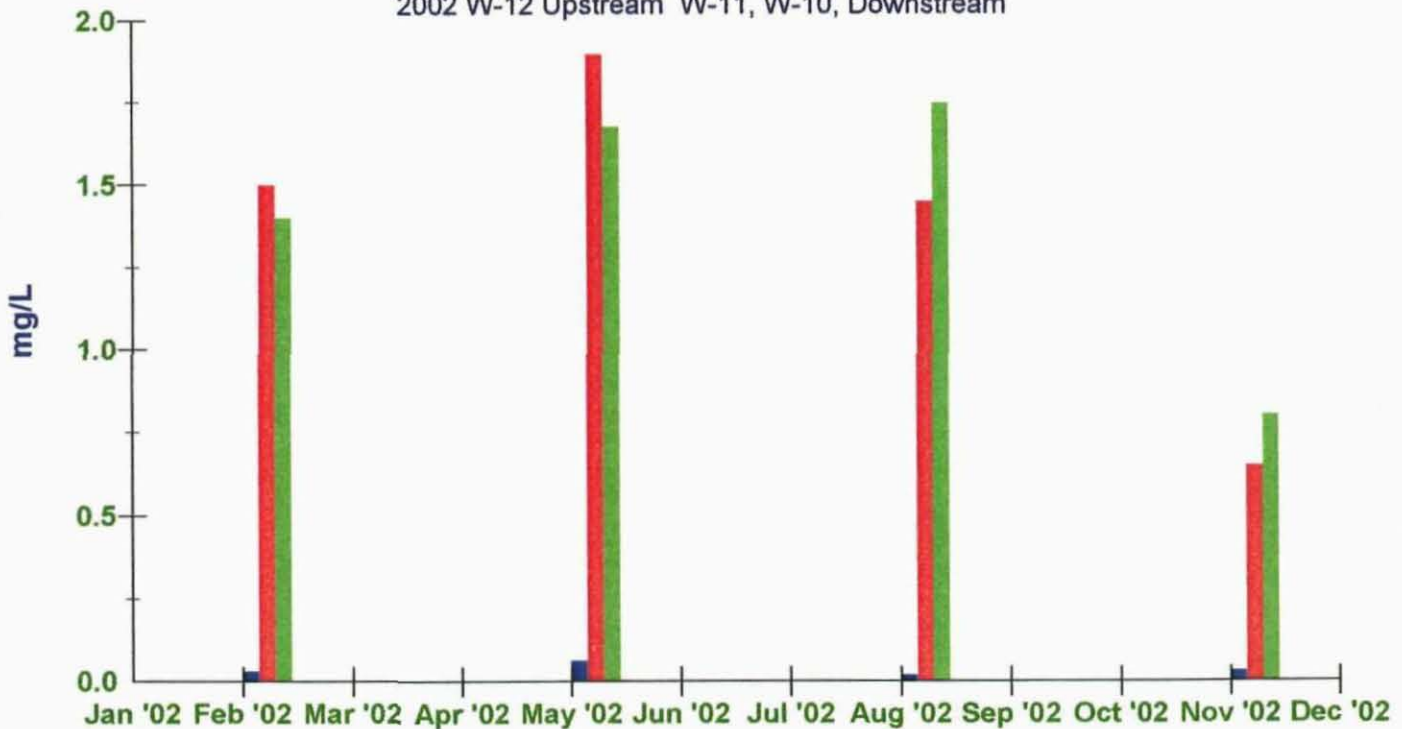


Date (1/1/2002 to 12/31/2002)

■ W-12 TOT.MBAS (Mo Avg) ■ W-11 TOT. MBAS (Mo Avg) ■ W-10 TOT MBAS (Mo Avg) OPS 32 WQCP
Receiving Water Constituents-Quarterly MBAS

Receiving Water Constituents-Quarterly Phosphate

2002 W-12 Upstream W-11, W-10, Downstream



Date (1/1/2002 to 12/31/2002)

■ W-12 TOT.PO4 (Mo Avg) ■ W-11 TOT. PO4 (Mo Avg) ■ W-10 TOT PO4. (Mo Avg) OPS 32 WQCP
Receiving Water Constituents-Quarterly Phosph

Receiving Water Constituents - Quarterly
2002 Quarterly Suspended Solids

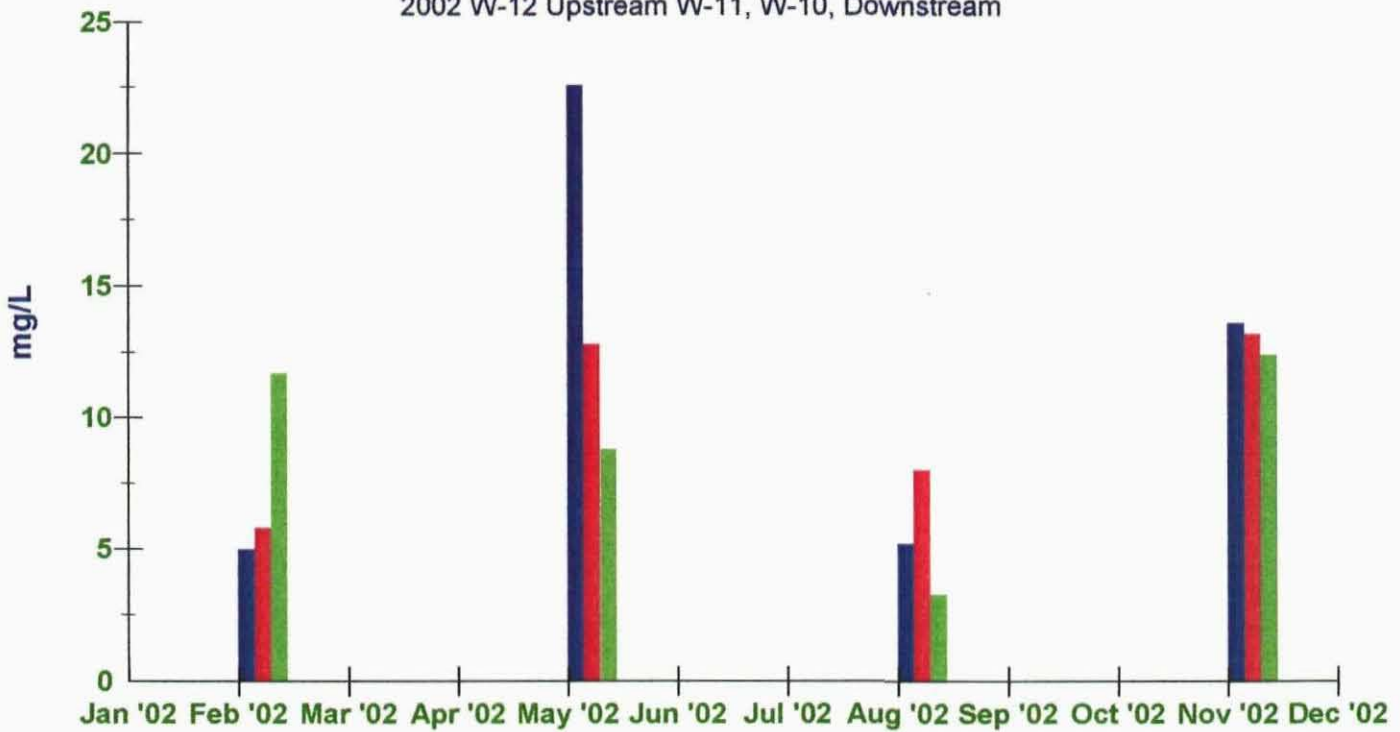
Month	W12 mg/L	W11 mg/L	W10 mg/L
January			
February	5.0	5.8	11.7
March			
April			
May	22.6	12.8	8.8
June			
July			
August	5.2	8.0	3.3
September			
October			
November	13.6	13.2	12.4
December			
Average	11.6	10.0	9.1
W.Q.C.B. Limit	No Limit	No Limit	No Limit

Receiving Water Constituents - Quarterly
2002 Quarterly Total Dissolved Solids

Month	W12 mg/L	W11 mg/L	W10 mg/L
January			
February	1,912	1,277	1,255
March			
April			
May	1,936	1,161	1,224
June			
July			
August	1,783	1,216	1,050
September			
October			
November	1,906	1,161	1,137
December			
Average	1,884	1,204	1,167
W.Q.C.B. Limit	No Limit	No Limit	No Limit

Receiving Water Constituents-Quarterly Sus.Solids

2002 W-12 Upstream W-11, W-10, Downstream

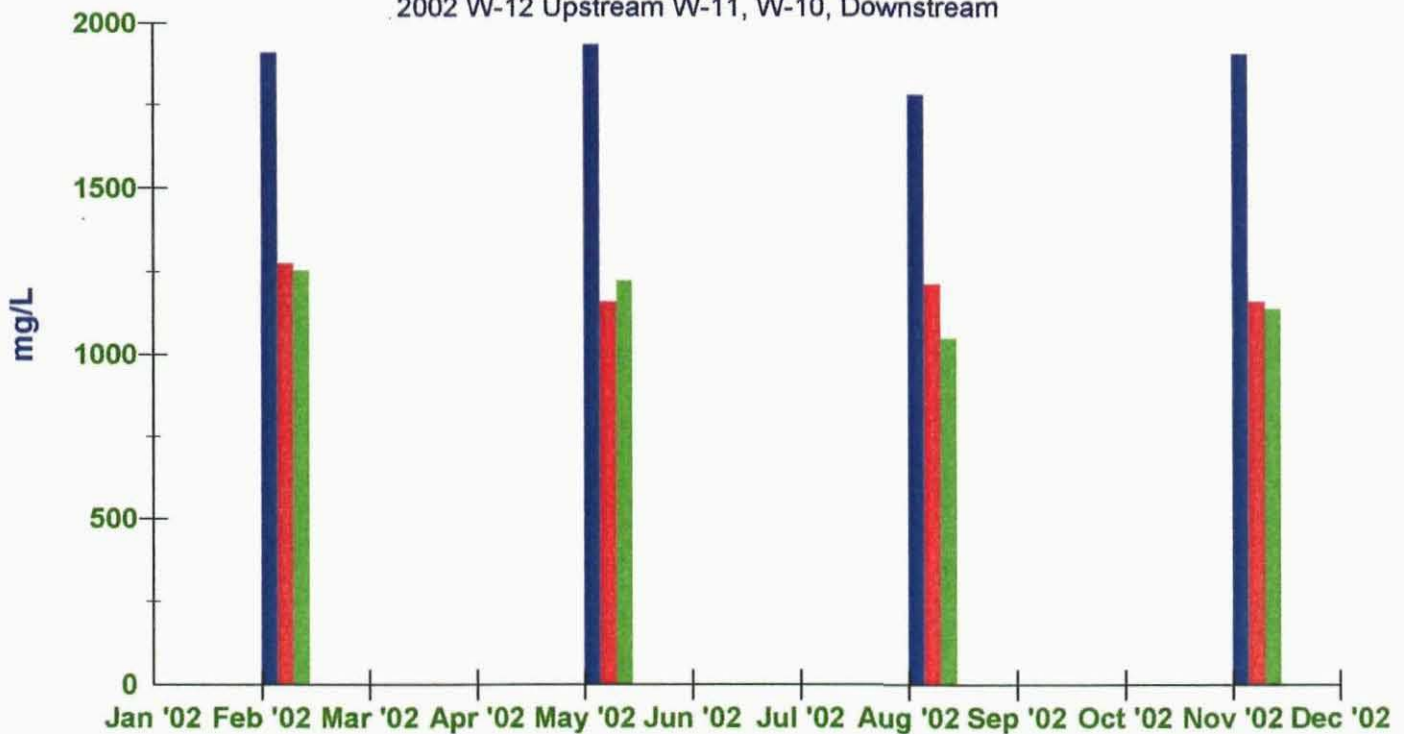


Date (1/1/2002 to 12/31/2002)

■ W-12 Sus.Solids (Mo Avg) ■ W-11 Sus.Solids (Mo Avg) ■ W-10 Sus.Solids (Mo Avg) **OPS 32**
WQCP
 Receiving Water Constituents-Quarterly Sus.Sol

Receiving Water Constituents-Quarterly TDS

2002 W-12 Upstream W-11, W-10, Downstream



Date (1/1/2002 to 12/31/2002)

■ W-12 TDS (Mo Avg) ■ W-11 TDS (Mo Avg) ■ W-10 TDS (Mo Avg) **OPS 32**
WQCP
 Receiving Water Constituents-Quarterly TDS

Receiving Water Constituents - Quarterly
2002 Quarterly Oil And Grease

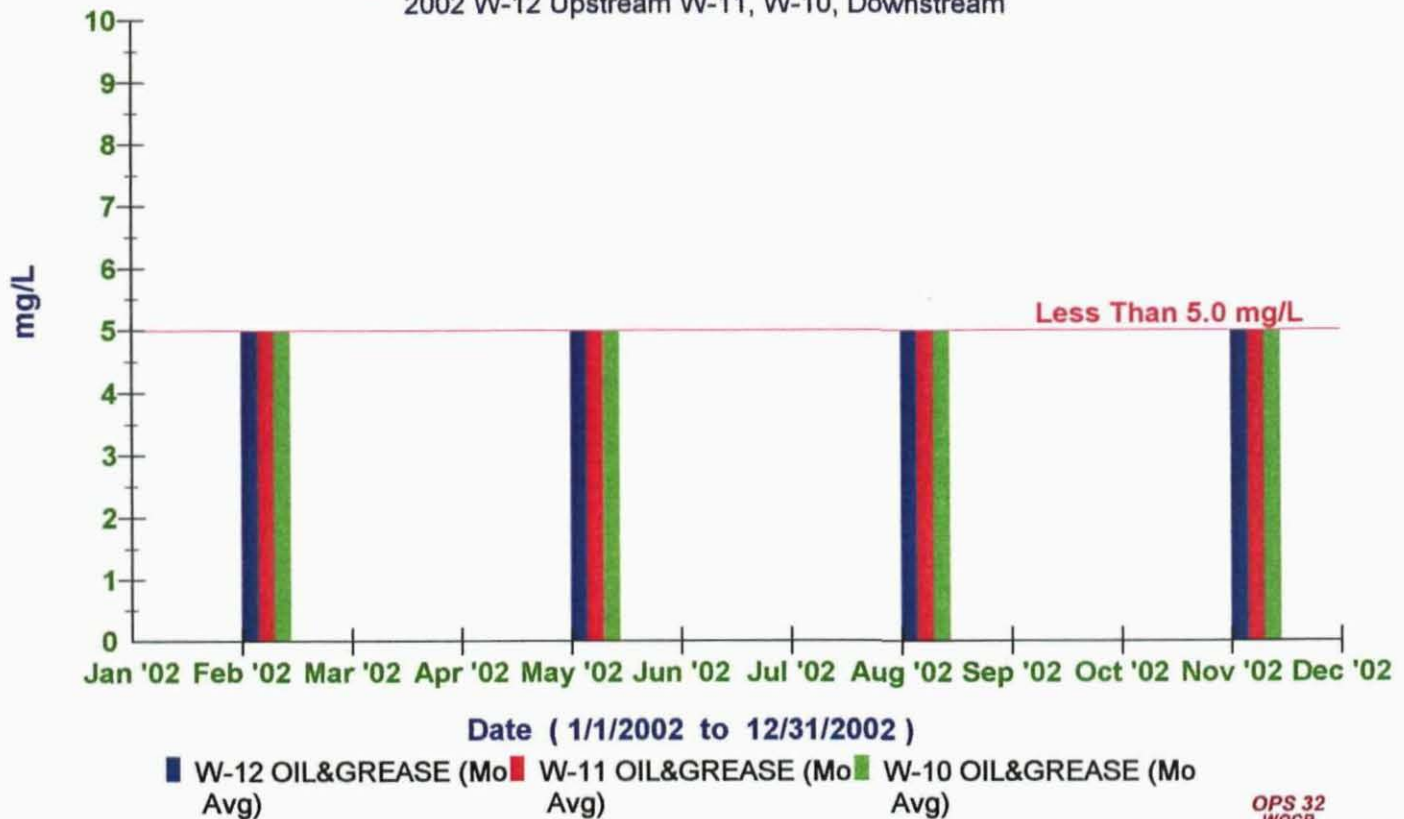
Month	W12 mg/L	W11 mg/L	W10 mg/L
January			
February	<5.0	<5.0	<5.0
March			
April			
May	<5.0	<5.0	<5.0
June			
July			
August	<5.0	<5.0	<5.0
September			
October			
November	<5.0	<5.0	<5.0
December			
Average	<5.0	<5.0	<5.0
W.Q.C.B. Limit	No Limit	No Limit	No Limit

Receiving Water Constituents - Quarterly
2002 Quarterly Sulphate

Month	W12 mg/L	W11 mg/L	W10 mg/L
January			
February	905	520	485
March			
April			
May	866	419	486
June			
July			
August	814	476	382
September			
October			
November	914	435	406
December			
Average	875	463	440
W.Q.C.B. Limit	No Limit	No Limit	No Limit

Receiving Water Constituents-Quarterly Oil & Grease

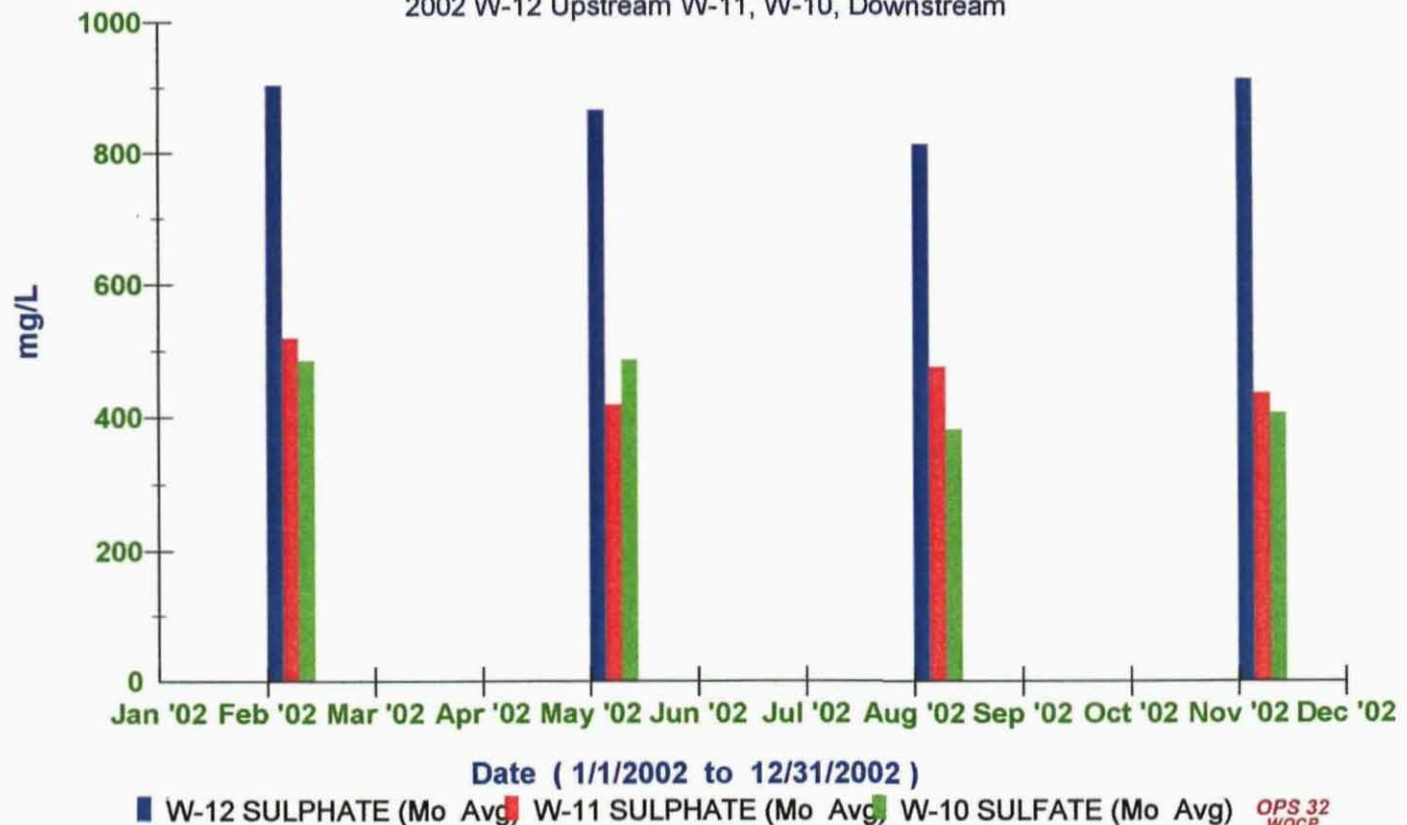
2002 W-12 Upstream W-11, W-10, Downstream



OPS 32
WQCP
Receiving Water Constituents-Quarterly Oil & Gr

Receiving Water Constituents-Quarterly Sulphate

2002 W-12 Upstream W-11, W-10, Downstream



OPS 32
WQCP
Receiving Water Constituents-Quarterly Sulph

Receiving Water Constituents - Quarterly
2002 Quarterly Boron

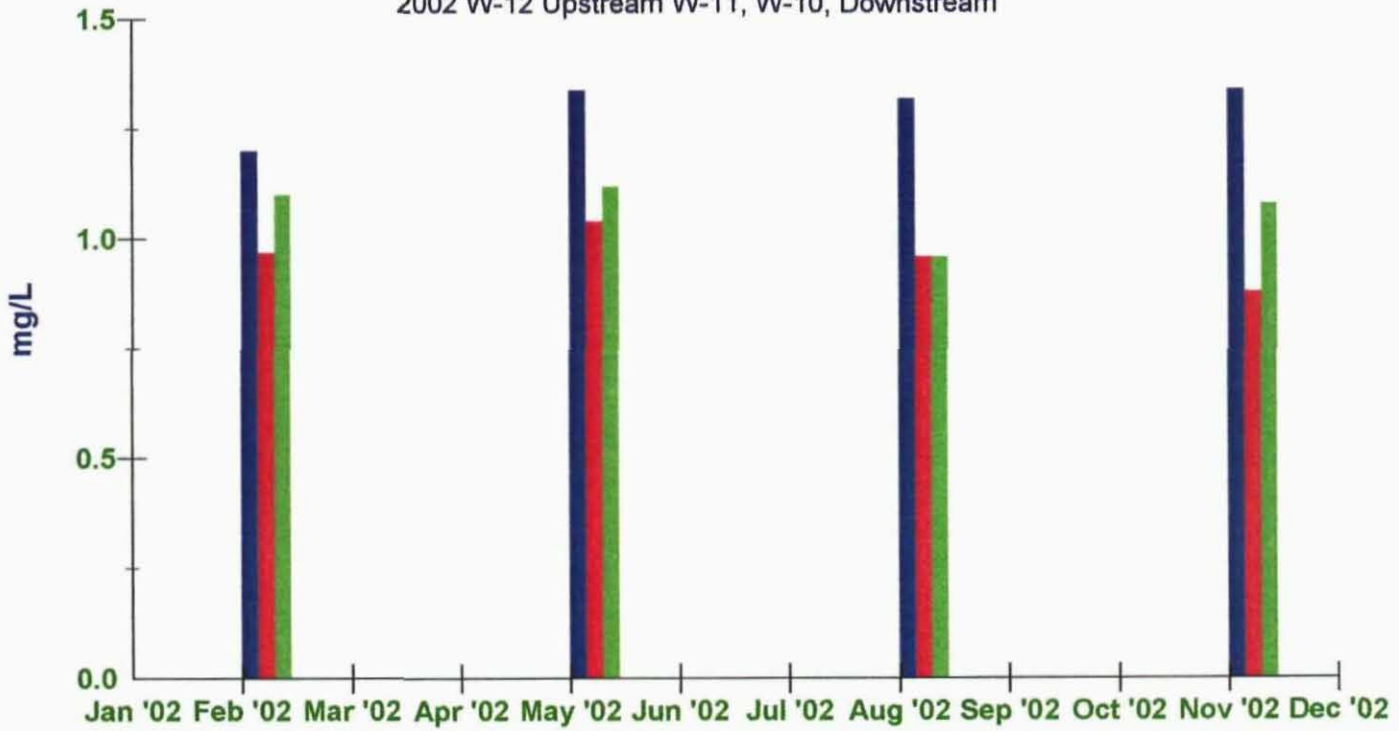
Month	W12 mg/L	W11 mg/L	W10 mg/L
January			
February	1.2	1.0	1.1
March			
April			
May	1.3	1.0	1.1
June			
July			
August	1.3	1.0	1.0
September			
October			
November	1.3	0.9	1.1
December			
Average	1.3	1.0	1.1
W.Q.C.B. Limit	No Limit	No Limit	No Limit

Receiving Water Constituents - Quarterly
2002 Quarterly Hardness

Month	W12 mg/L	W11 mg/L	W10 mg/L
January			
February	1,010	625	1,010
March			
April			
May	965	478	965
June			
July			
August	970	555	970
September			
October			
November	990	518	990
December			
Average	984	544	984
W.Q.C.B. Limit	No Limit	No Limit	No Limit

Receiving Water Constituents-Quarterly Boron

2002 W-12 Upstream W-11, W-10, Downstream



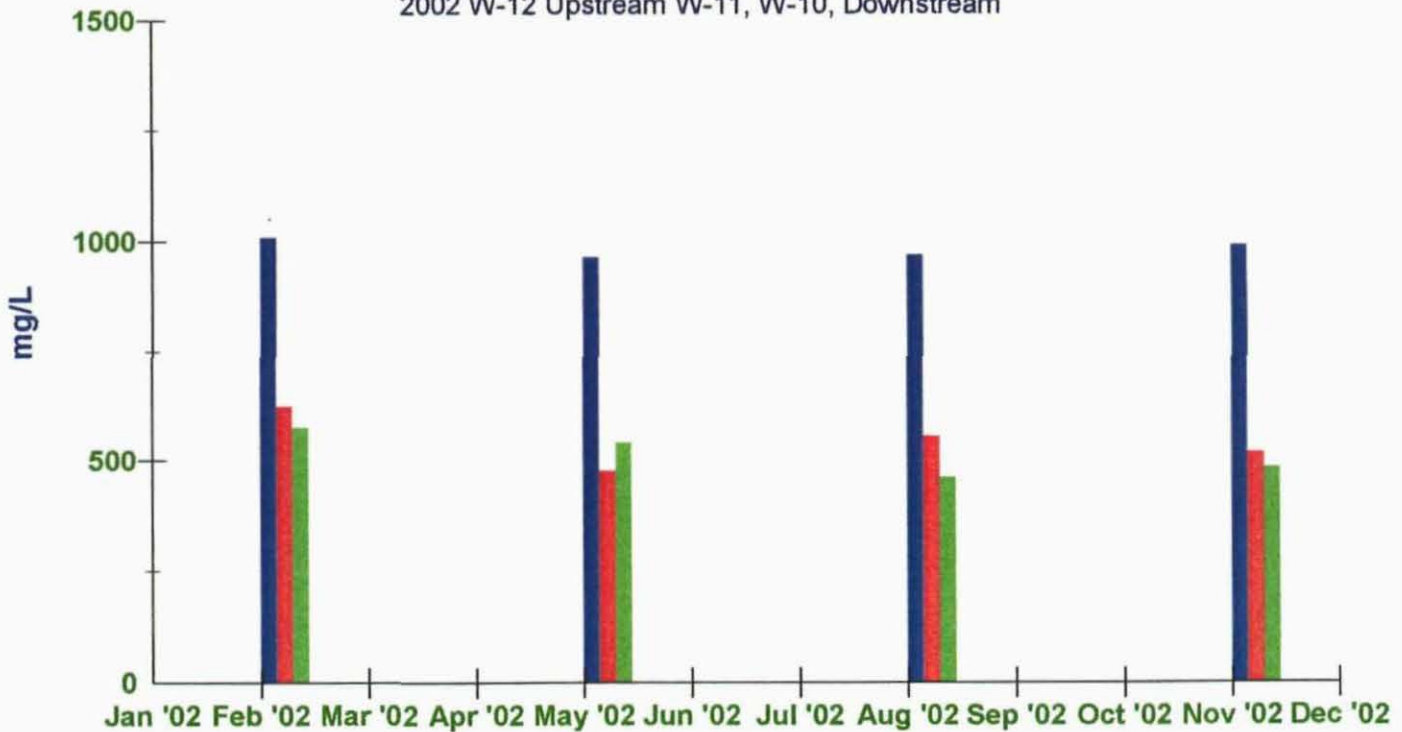
Date (1/1/2002 to 12/31/2002)

■ W-12 BORON (Mo Avg) ■ W-11 BORON (Mo Avg) ■ W-10 BORON (Mo Avg)

OPS 32
WQCP
Receiving Water Constituents-Quarterly Boron

Receiving Water Constituents-Quarterly Hardness

2002 W-12 Upstream W-11, W-10, Downstream



Date (1/1/2002 to 12/31/2002)

■ W-12 HARDNESS (Mo Avg) ■ W-11 HARDNESS (Mo Avg) ■ W-10 HARDNESS (Mo Avg)

OPS 32
WQCP
Receiving Water Constituents-Quarterly Hardness

Receiving Water Constituents - Quarterly
2002 Quarterly Chronic Toxicity

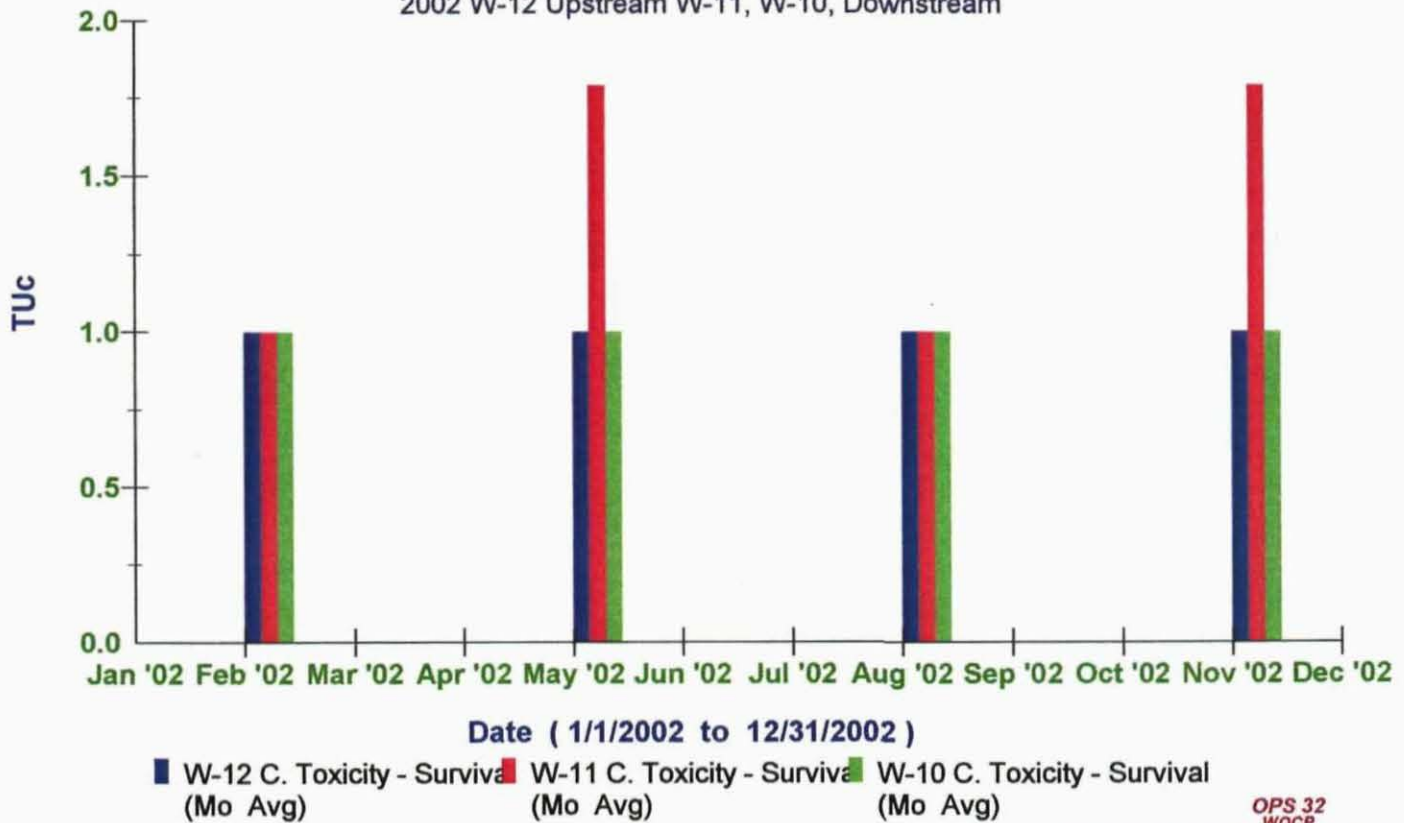
Month	W12 TUc	W11 TUc	W10 TUc
January			
February	1.00	1.00	1.00
March			
April			
May	1.00	1.79	1.00
June			
July			
August	1.00	1.00	1.00
September			
October			
November	1.00	1.79	1.00
December			
Average	1.00	1.40	1.00
W.Q.C.B. Limit	No Limit	No Limit	No Limit

Receiving Water Constituents
2002 - Flow In CFS

Month	W12 CFS	W11 CFS	W10 CFS
January	14	44	44
February	13	28	42
March	10	25	23
April	14	20	27
May	13	36	28
June	13	35	24
July	10	20	18
August	13	30	30
September	12	30	22
October	11	31	24
November	14	25	25
December	25	34	31
Average	14	30	28
W.Q.C.B. Limit	No Limit	No Limit	No Limit

Receiving Water Constituents-Quarterly Toxicity

2002 W-12 Upstream W-11, W-10, Downstream



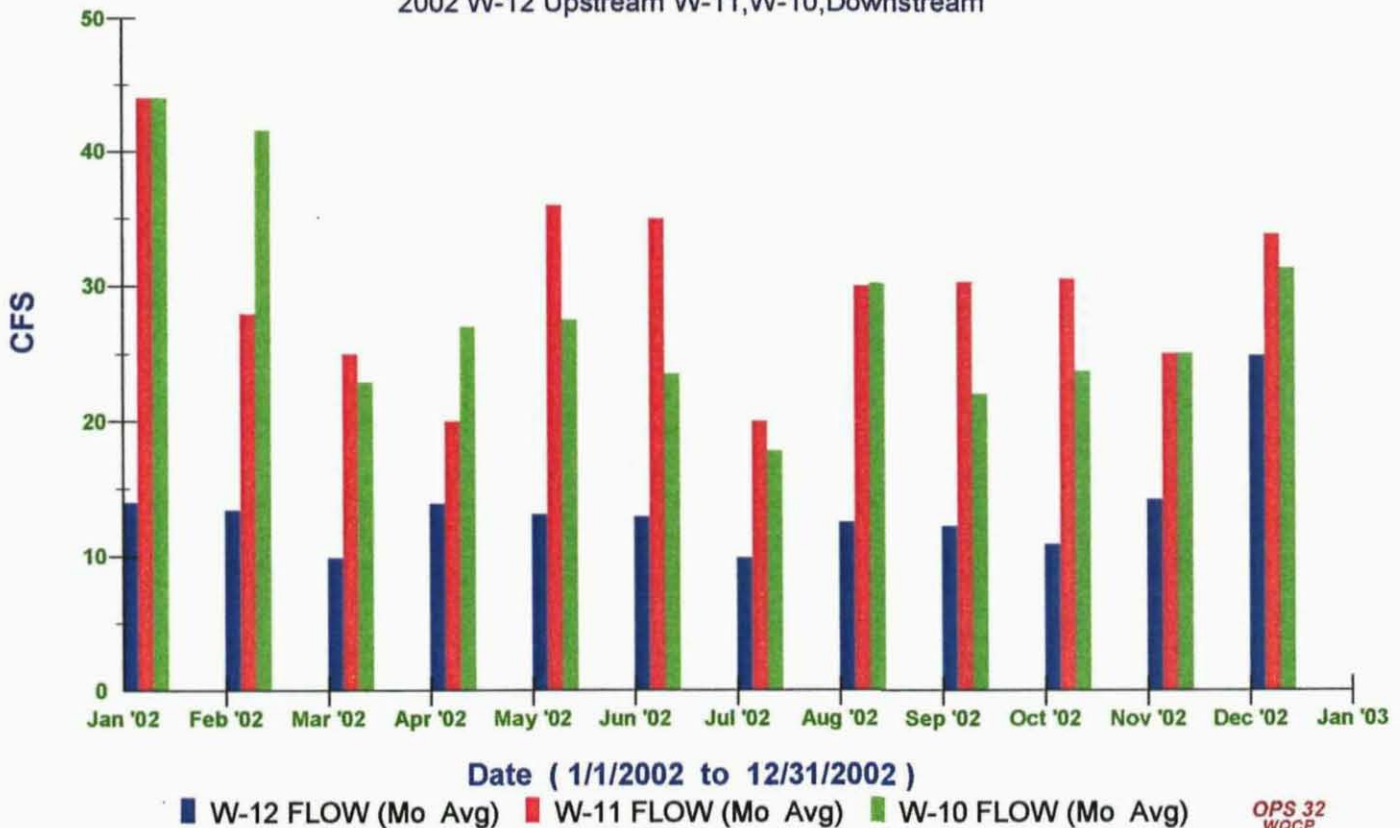
Date (1/1/2002 to 12/31/2002)

■ W-12 C. Toxicity - Survival (Mo Avg)
 ■ W-11 C. Toxicity - Survival (Mo Avg)
 ■ W-10 C. Toxicity - Survival (Mo Avg)

OPS 32
WQCP
Receiving Water Constituents-Quarterly Toxicity

Receiving Water Constituents CFS

2002 W-12 Upstream W-11, W-10, Downstream



Date (1/1/2002 to 12/31/2002)

■ W-12 FLOW (Mo Avg)
 ■ W-11 FLOW (Mo Avg)
 ■ W-10 FLOW (Mo Avg)

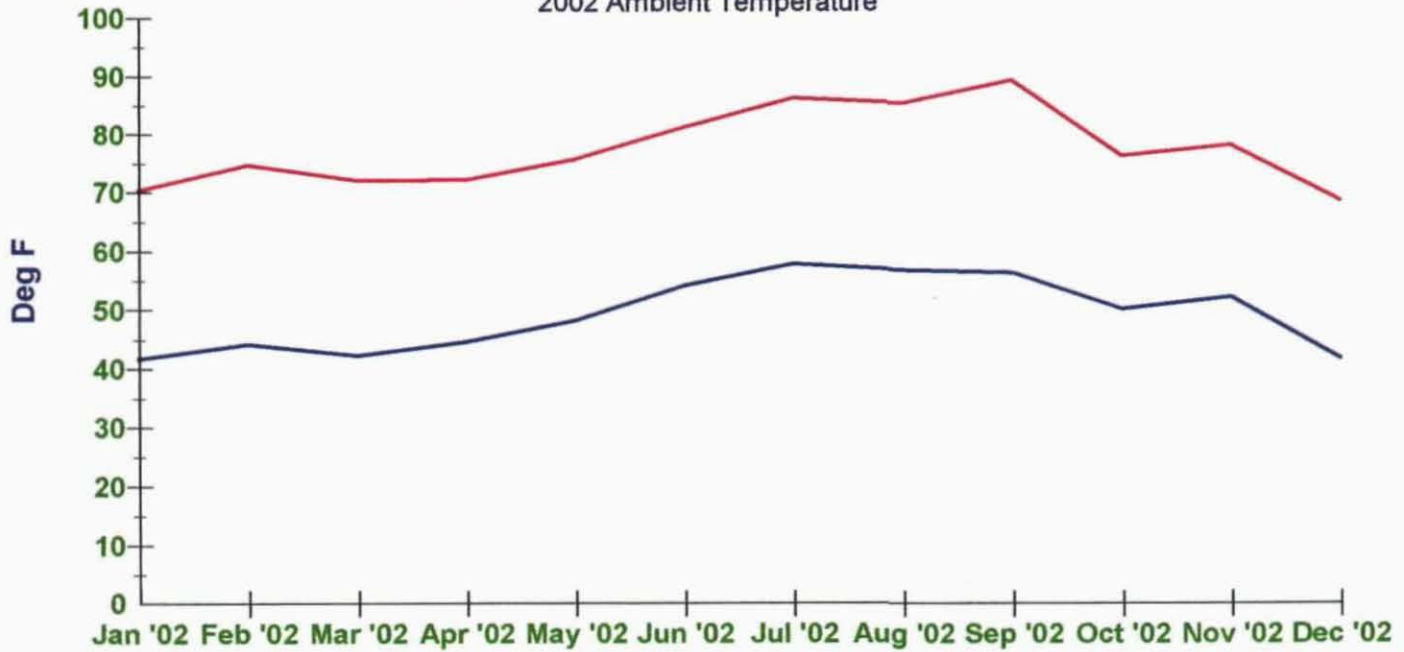
OPS 32
WQCP
Receiving Water Constituents CFS

Monthly Averages Of Temp. & Rain
 2002 - V784 V785 V81

<u>Month</u>	<u>Min. Temp. (F)</u>	<u>Max Temp. (F)</u>	<u>Rainfall Inches</u>
January	42	70	1.33
February	44	75	0.37
March	42	72	0.38
April	45	72	0.10
May	48	76	0.11
June	54	81	
July	58	86	
August	57	85	
September	56	89	
October	50	76	
November	52	78	3.22
December	42	69	4.25
Average	49	77	1
Total			9.76

Monthly Averages Of Min. And Max. Ambient Temperature

2002 Ambient Temperature



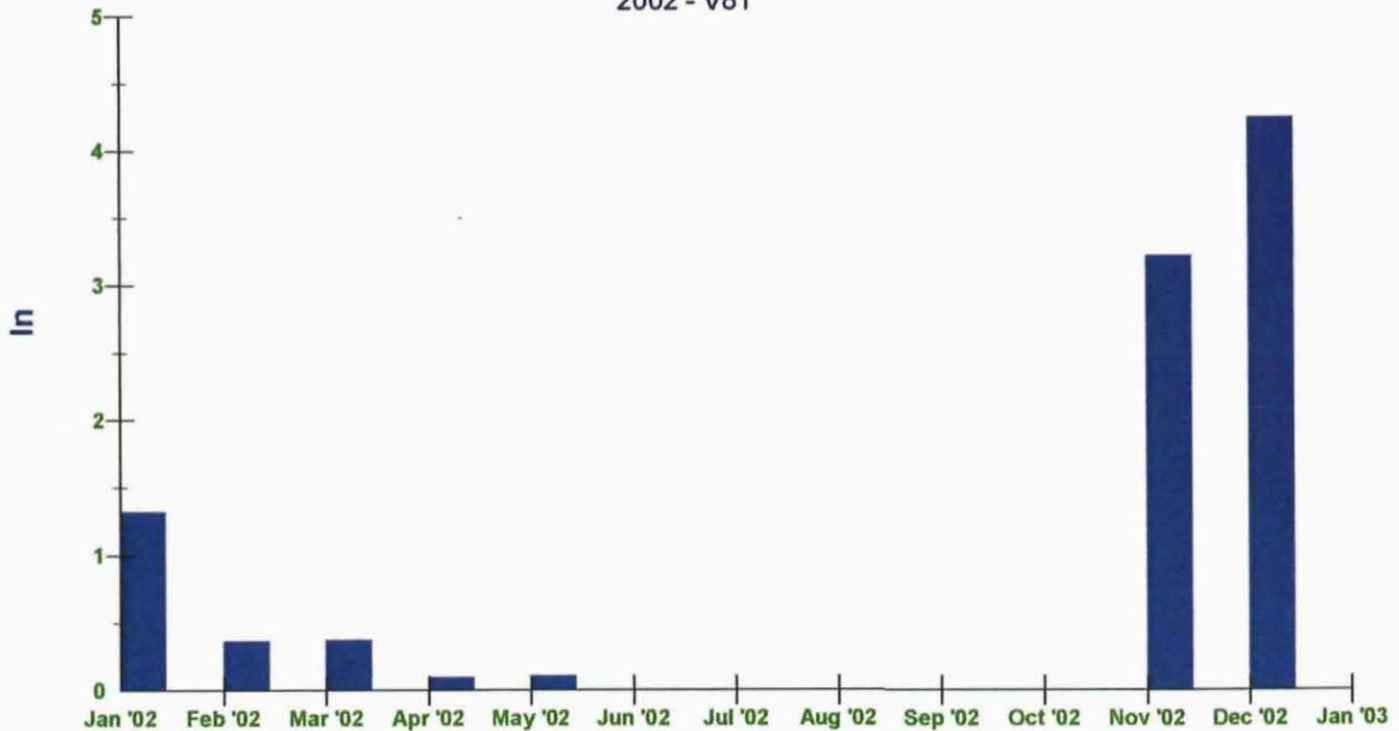
Date (1/1/2002 to 12/31/2002)

/ Minimum Ambient Temperature (Mo Avg)
/ Maximum Ambient Temperature (Mo Avg)

OPS 32
WQCP
Monthly Averages Of Min. And Max. Ambient Tempe

Monthly Averages Of Rainfall

2002 - V81



Date (1/1/2002 to 12/31/2002)

■ Rainfall (Mo Tot)

OPS 32
WQCP
Monthly Averages Of Rainfall

RECEIVING WATER CONSTITUENTS FOR 2002

Semi-Annual Testing for
Arsenic, Cadmium, Chromium, Copper, Nickel, Lead,
Oil and Grease, Surfactants MBAS
Chlorinated Pesticides, N and P Pesticides, BNA,
Total Petroleum Hydrocarbon

Date: February 5, 2002

Constituents	mg/L *D.L.	W-12 mg/L	W-11 mg/L	W-10 mg/L
Arsenic	0.0050	ND	ND	0.0054
Cadmium	0.0050	ND	ND	ND
Chromium	0.0050	ND	ND	ND
Copper	0.010	ND	ND	ND
Nickel	0.010	ND	ND	ND
Lead	0.0050	ND	ND	ND
Zinc	0.020	ND	ND	ND
Oil & Grease	5.0	ND	ND	ND
Surfactants	0.10	0.12	0.13	0.12
Chlorinated Pesticides		See Attachment 1	See Attachment 2	See Attachment 3
N & P Pesticides		See Attachment 1	See Attachment 2	See Attachment 3
BNA		See Attachment 1	See Attachment 2	See Attachment 3
Total Petroleum Hydrocarbon		See Attachment 1	See Attachment 2	See Attachment 3
*Detection Limit				

ATTACHMENT 1
RECEIVING WATER RESULTS
W - 12

City of Simi Valley, Water Quality Control Plant Project ID: Semi-annual Monitoring
 2929 Tapo Canyon Road SV Lab# 9442, Quarterly W12
 Simi Valley, CA 93063 Report Number: ILB0169
 Attention: Barbara Santos

Sampled: 02/05/02
 Received: 02/05/02

METALS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
			mg/l	mg/l				
Sample ID: ILB0169-01 (W12 Comp., #9442 - Water)								
Arsenic	EPA 200.7	12B0625	0.0050	ND	1	2/6/02	2/11/02	
Cadmium	EPA 200.7	12B0625	0.0050	ND	1	2/6/02	2/11/02	
Chromium	EPA 200.7	12B0625	0.0050	ND	1	2/6/02	2/11/02	
Copper	EPA 200.7	12B0625	0.010	ND	1	2/6/02	2/11/02	
Lead	EPA 200.7	12B0625	0.0050	ND	1	2/6/02	2/11/02	
Nickel	EPA 200.7	12B0625	0.010	ND	1	2/6/02	2/11/02	
Zinc	EPA 200.7	12B0625	0.020	ND	1	2/6/02	2/11/02	

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical.



City of Simi Valley, Water Quality Control Plant Project ID: Semi-annual Monitoring
 2929 Tapo Canyon Road SV Lab# 9442, Quarterly W12
 Simi Valley, CA 93063 Report Number: ILB0169
 Attention: Barbara Santos

Sampled: 02/05/02
 Received: 02/05/02

INORGANICS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
				mg/l	mg/l			
Sample ID: ILB0169-01 (W12 Comp., #9442 - Water)								
Oil & Grease	EPA 413.1	I2B1285	5.0	ND	1	2/12/02	2/12/02	
Surfactants (MBAS)	SM5540-C	I2B0660	0.10	0.12	1	2/6/02	2/6/02	

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical.

Del Mar Analytical

1014 E. Colton Ave., Irvine, CA 92606 (949) 261-1022 FAX (949) 261-1023
1014 E. Colton Ave., Suite A, Colton, CA 92324 (909) 370-4667 FAX (909) 370-1023
9484 Chesapeake Dr., Suite 805, San Diego, CA 92123 (858) 505-8596 FAX (858) 505-9933
9830 South 51st St., Suite B-120, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 755-1557
2520 E. Sunset Rd. #3, Las Vegas, NV 89120 (702) 798-3620 FAX (702) 798-3620

March 5, 2002

City of Simi Valley, Water Quality Control Plant
2929 Tapo Canyon Road
Simi Valley, CA 93063

Attention: Barbara Santos

Project: Semi-annual Monitoring, SV Lab#9442
Quarterly W12, Sampled: 2/05/02
Del Mar Analytical Number: ILB0169

Dear Ms. Santos:

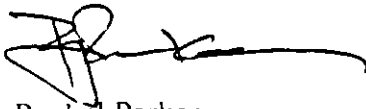
Please find enclosed the final report for the referenced project. The Nitrogen- and Phosphorus- Containing Pesticides analysis by EPA Method 507, Chlorinated Pesticides analysis by EPA Method 508, and PCBs by EPA Methods 508(A) were subcontracted to Weck Laboratories, Inc. The cross-reference identification is as follows:

Simi Valley ID	Del Mar, Irvine ID	Weck Lab ID
W12 Comp., #9442	ILB0169-01	A200860-001

Attached is the original report from Weck Laboratories. If you have any questions or require further assistance, please do not hesitate to contact me.

Sincerely yours,

DEL MAR ANALYTICAL



Rachel Parker
Project Manager



Report Date: Monday, February 25, 2002

Received Date: Wednesday, February 06, 2002

Log By: ln

Log Time: 12:27

Client: Del Mar Analytical
2852 Alton Parkway
Irvine, CA 92606

Phone: (949) 261-1022

FAX: (949) 261-1228

Attn.: Rachel Parker

Project: ILB0169

P.O. #:

Turnaround Time: Normal

CERTIFICATE OF ANALYSIS

Lab#: A200860-001

Sample ID: ILB0169-01

Matrix: Water

Sampled By: Client

Date: 2/5/2002

Time: 15:20

Table with columns: Parameter, Result, Flag, Units, Dilution Factor, RL, Method, Analyzed, Worksheet #. Lists various pesticides like Alachlor, Atrazine, Bromacil, etc.

Table with columns: Parameter, Result, Flag, Units, Dilution Factor, RL, Method, Analyzed, Worksheet #. Lists various pesticides like Aldrin, alpha-BHC, beta-BHC, etc.

Lab#: A200860



Client: Del Mar Analytical
Project Name: ILB0169

Report Date: Monday, February 25, 2002

CERTIFICATE OF ANALYSIS

Lab#: A200860-001 Sample ID: ILB0169-01 Matrix: Water
Sampled By: Client Date: 2/5/2002 Time: 15:20

Parameter	Result	Flag	Units	Dilution Factor	RL	Method	Analyzed	Worksheet #
Methoxychlor	ND		ug/L	1	10	EPA 508	2/14/2002 tp	WS31568
Chlorothalonil	ND		ug/L	1	5.0	EPA 508	2/14/2002 tp	WS31568
Hexachlorobenzene	ND		ug/L	1	0.50	EPA 508	2/14/2002 tp	WS31568
Hexachlorocyclopentadiene	ND		ug/L	1	1.0	EPA 508	2/14/2002 tp	WS31568
Propachlor	ND		ug/L	1	0.50	EPA 508	2/14/2002 tp	WS31568
Trifluralin	ND		ug/L	1	0.010	EPA 508	2/14/2002 tp	WS31568
Chlordane	ND		ug/L	1	0.10	EPA 508	2/14/2002 tp	WS31568
Toxaphene	ND		ug/L	1	1.0	EPA 508	2/14/2002 tp	WS31568
Aroclor-1016	ND		ug/L	1	0.10	EPA 508	2/14/2002 tp	WS31568
Aroclor-1221	ND		ug/L	1	0.10	EPA 508	2/14/2002 tp	WS31568
Aroclor-1232	ND		ug/L	1	0.10	EPA 508	2/14/2002 tp	WS31568
Aroclor-1242	ND		ug/L	1	0.10	EPA 508	2/14/2002 tp	WS31568
Aroclor-1248	ND		ug/L	1	0.10	EPA 508	2/14/2002 tp	WS31568
Aroclor-1254	ND		ug/L	1	0.10	EPA 508	2/14/2002 tp	WS31568
Aroclor-1260	ND		ug/L	1	0.10	EPA 508	2/14/2002 tp	WS31568

[Handwritten Signature]
Authorized Signature

ELAP # 1132
LACSD # 10143

Flags for Data Qualifiers:

- B = Compound detected in the blank. Sample result equal or less than 10 times the concentration in the blank
- J = Estimated value, detected but below the reporting limit.
- H = Estimated value, result over the calibration range
- R = Result is suspect, LCS recovery greater than the upper control limit.
- L = Result is suspect, LCS recovery lower than the control limit.
- Q = QC result out of acceptance limits.
- T = Trace detection, detected but below the reporting limit.

- Notes:
- The Chain of Custody document is part of the analytical report.
 - Any remaining sample(s) for testing will be disposed of one month from the final report date unless other arrangements are made in advance.
 - All results are expressed on wet weight basis unless specified.
 - RL = Reporting Limit.
 - ND = Not detected, below the reporting limit.
 - Sub = Subcontracted analysis, original report enclosed.

City of Simi Valley, Water Quality Control Plant Project ID: Semi-annual Monitoring
 2929 Tapo Canyon Road SV Lab# 9442, Quarterly W12
 Simi Valley, CA 93063 Report Number: ILB0169
 Attention: Barbara Santos

Sampled: 02/05/02
 Received: 02/05/02

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
			ug/l	ug/l				
Sample ID: ILB0169-01 (W12 Comp., #9442 - Water)								
Acenaphthene	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
Acenaphthylene	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
Aniline	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
Anthracene	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
Benzidine	EPA 625	I2B0675	100	ND	0.9	2/6/02	2/15/02	L2
Benzoic acid	EPA 625	I2B0675	100	ND	0.9	2/6/02	2/15/02	
Benzo(a)anthracene	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
Benzo(b)fluoranthene	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
Benzo(k)fluoranthene	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
Benzo(g,h,i)perylene	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
Benzo(a)pyrene	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
Benzyl alcohol	EPA 625	I2B0675	20	ND	0.9	2/6/02	2/15/02	
Bis(2-chloroethoxy)methane	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
Bis(2-chloroethyl)ether	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
Bis(2-chloroisopropyl)ether	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
Bis(2-ethylhexyl)phthalate	EPA 625	I2B0675	100	ND	0.9	2/6/02	2/15/02	
4-Bromophenyl phenyl ether	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
Butyl benzyl phthalate	EPA 625	I2B0675	20	ND	0.9	2/6/02	2/15/02	
4-Chloroaniline	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
2-Chloronaphthalene	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
4-Chloro-3-methylphenol	EPA 625	I2B0675	20	ND	0.9	2/6/02	2/15/02	
2-Chlorophenol	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
4-Chlorophenyl phenyl ether	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
Chrysene	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
Dibenz(a,h)anthracene	EPA 625	I2B0675	20	ND	0.9	2/6/02	2/15/02	
Dibenzofuran	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
Di-n-butyl phthalate	EPA 625	I2B0675	20	ND	0.9	2/6/02	2/15/02	
1,3-Dichlorobenzene	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
1,4-Dichlorobenzene	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
1,2-Dichlorobenzene	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
3,3-Dichlorobenzidine	EPA 625	I2B0675	40	ND	0.9	2/6/02	2/15/02	C
2,4-Dichlorophenol	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
Diethyl phthalate	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
2,4-Dimethylphenol	EPA 625	I2B0675	20	ND	0.9	2/6/02	2/15/02	
Dimethyl phthalate	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
4,6-Dinitro-2-methylphenol	EPA 625	I2B0675	40	ND	0.9	2/6/02	2/15/02	
2,4-Dinitrophenol	EPA 625	I2B0675	100	ND	0.9	2/6/02	2/15/02	
2,4-Dinitrotoluene	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
2,6-Dinitrotoluene	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
Di-n-octyl phthalate	EPA 625	I2B0675	40	ND	0.9	2/6/02	2/15/02	
Fluoranthene	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
Fluorene	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical.

City of Simi Valley, Water Quality Control Plant Project ID: Semi-annual Monitoring
 2929 Tapo Canyon Road SV Lab# 9442, Quarterly W12
 Simi Valley, CA 93063 Report Number: ILB0169
 Attention: Barbara Santos

Sampled: 02/05/02
 Received: 02/05/02

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
			ug/l	ug/l				
Sample ID: ILB0169-01 (W12 Comp., #9442 - Water)								
Hexachlorobenzene	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
Hexachlorobutadiene	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
Hexachlorocyclopentadiene	EPA 625	I2B0675	40	ND	0.9	2/6/02	2/15/02	
Hexachloroethane	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
Indeno(1,2,3-cd)pyrene	EPA 625	I2B0675	20	ND	0.9	2/6/02	2/15/02	
Isophorone	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
2-Methylnaphthalene	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
2-Methylphenol	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
3-Methylphenol	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
Naphthalene	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
2-Nitroaniline	EPA 625	I2B0675	20	ND	0.9	2/6/02	2/15/02	
3-Nitroaniline	EPA 625	I2B0675	20	ND	0.9	2/6/02	2/15/02	
4-Nitroaniline	EPA 625	I2B0675	100	ND	0.9	2/6/02	2/15/02	
Nitrobenzene	EPA 625	I2B0675	40	ND	0.9	2/6/02	2/15/02	
2-Nitrophenol	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
3-Nitrophenol	EPA 625	I2B0675	100	ND	0.9	2/6/02	2/15/02	
n-Nitrosodiphenylamine	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
n-Nitroso-di-n-propylamine	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
Pentachlorophenol	EPA 625	I2B0675	40	ND	0.9	2/6/02	2/15/02	
Phenanthrene	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
Phenol	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
Pyrene	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
1,2,4-Trichlorobenzene	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
2,4,5-Trichlorophenol	EPA 625	I2B0675	20	ND	0.9	2/6/02	2/15/02	
2,4,6-Trichlorophenol	EPA 625	I2B0675	20	ND	0.9	2/6/02	2/15/02	
2,2-Diphenylhydrazine/Azobenzene	EPA 625	I2B0675	20	ND	0.9	2/6/02	2/15/02	
n-Nitrosodimethylamine	EPA 625	I2B0675	20	ND	0.9	2/6/02	2/15/02	
Surrogate: 2-Fluorophenol (30-110%)				68 %				
Surrogate: Phenol-d6 (40-110%)				80 %				
Surrogate: 2,4,6-Tribromophenol (55-140%)				95 %				
Surrogate: Nitrobenzene-d5 (40-110%)				83 %				
Surrogate: 2-Fluorobiphenyl (40-120%)				85 %				
Surrogate: Terphenyl-d14 (55-160%)				160 %				
Cresol	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical.

City of Simi Valley, Water Quality Control Plant Project ID: Semi-annual Monitoring
 2929 Tapo Canyon Road SV Lab# 9442, Quarterly W12
 Simi Valley, CA 93063 Report Number: ILB0169
 Attention: Barbara Santos

Sampled: 02/05/02
 Received: 02/05/02

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS (EPA 418.1)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
			mg/l	mg/l				
Sample ID: ILB0169-01 (W12 Comp., #9442 - Water)								
Total Recoverable Hydrocarbons	EPA 418.1	I2B1252	1.0	ND	1	2/12/02	2/12/02	

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

ATTACHMENT 2
RECEIVING WATER RESULTS
W - 11

City of Simi Valley, Water Quality Control Plant
 2929 Tapo Canyon Road
 Simi Valley, CA 93063
 Attention: Barbara Santos

Project ID: Semi-annual Monitoring
 SV Lab# 9441, Quarterly W11
 Report Number: ILB0170

Sampled: 02/05/02
 Received: 02/05/02

METALS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
			mg/l	mg/l				
Sample ID: ILB0170-01 (W11 Comp., #9441 - Water)								
Arsenic	EPA 200.7	I2B0625	0.0050	ND	1	2/6/02	2/11/02	
Cadmium	EPA 200.7	I2B0625	0.0050	ND	1	2/6/02	2/11/02	
Chromium	EPA 200.7	I2B0625	0.0050	ND	1	2/6/02	2/11/02	
Copper	EPA 200.7	I2B0625	0.010	ND	1	2/6/02	2/11/02	
Lead	EPA 200.7	I2B0625	0.0050	ND	1	2/6/02	2/11/02	
Nickel	EPA 200.7	I2B0625	0.010	ND	1	2/6/02	2/11/02	
Zinc	EPA 200.7	I2B0625	0.020	ND	1	2/6/02	2/11/02	

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical.

City of Simi Valley, Water Quality Control Plant	Project ID: Semi-annual Monitoring	
2929 Tapo Canyon Road	SV Lab# 9441, Quarterly W11	Sampled: 02/05/02
Simi Valley, CA 93063	Report Number: ILB0170	Received: 02/05/02
Attention: Barbara Santos		

INORGANICS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
			mg/l	mg/l				
Sample ID: ILB0170-01 (W11 Comp., #9441 - Water)								
Oil & Grease	EPA 413.1	I2B1285	5.0	ND	1	2/12/02	2/12/02	
Surfactants (MBAS)	SM5540-C	I2B0660	0.10	0.13	1	2/6/02	2/6/02	

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical.

Del Mar Analytical

1014 E. Colton Ave., Irvine, CA 92606 (949) 261-1022 FAX (949) 261-1225
1014 E. Colton Ave., Suite A, Colton, CA 92324 (909) 370-4867 FAX (909) 370-1046
9484 Chesapeake Dr., Suite 805, San Diego, CA 92123 (858) 505-8596 FAX (858) 505-9669
9830 South 51st St., Suite B-120, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0857
2520 E. Sunset Rd. #3, Las Vegas, NV 89120 (702) 798-3620 FAX (702) 798-3621

March 5, 2002

City of Simi Valley, Water Quality Control Plant
2929 Tapo Canyon Road
Simi Valley, CA 93063

Attention: Barbara Santos

Project: Semi-annual Monitoring, SV Lab#9441
Quarterly W11, Sampled: 2/05/02
Del Mar Analytical Number: ILB0170

Dear Ms. Santos:

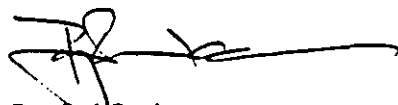
Please find enclosed the final report for the referenced project. The Nitrogen- and Phosphorus- Containing Pesticides analysis by EPA Method 507, Chlorinated Pesticides analysis by EPA Method 508, and PCBs by EPA Methods 508(A) were subcontracted to Weck Laboratories, Inc. The cross-reference identification is as follows:

Simi Valley ID	Del Mar, Irvine ID	Weck Lab ID
W11 Comp., #9441	ILB0170-01	A200859-001

Attached is the original report from Weck Laboratories. If you have any questions or require further assistance, please do not hesitate to contact me.

Sincerely yours,

DEL MAR ANALYTICAL



Rachel Parker
Project Manager



Report Date: Monday, February 25, 2002

Received Date: Wednesday, February 06, 2002

Log By: tn

Log Time: 12:26

Client: Del Mar Analytical
2852 Alton Parkway
Irvine, CA 92606

Phone: (949) 261-1022

FAX: (949) 261-1228

Attn.: Rachel Parker

Project: ILB0170

P.O. #:

Turnaround Time: Normal

CERTIFICATE OF ANALYSIS

Lab#: A200859-001

Sample ID: ILB0170-01

Matrix: Water

Sampled By: Client

Date: 2/5/2002

Time: 15:10

Table with columns: Parameter, Result, Flag, Units, Dilution Factor, RL, Method, Analyzed, Worksheet #. Rows include Prep. EPA 507, Date: 2/11/2002, By JL, and various pesticides like Atrazine, Dieldrin, etc.

Table with columns: Parameter, Result, Flag, Units, Dilution Factor, RL, Method, Analyzed, Worksheet #. Rows include Prep. EPA 508, Date: 2/11/2002, By JL, and various pesticides like Aldrin, Dieldrin, etc.

Lab#: A200859

Page 1 of 2



Client: Del Mar Analytical
Project Name: ILB0170

Report Date: Monday, February 25, 2002

CERTIFICATE OF ANALYSIS

Lab#: A200859-001
Sampled By: Client

Sample ID: ILB0170-01
Date: 2/5/2002

Matrix: Water

Time: 15:10

Parameter	Result	Flag	Units	Dilution Factor	RL	Method	Analyzed	Worksheet #
Methoxychlor	ND		ug/L	1	10	EPA 508	2/14/2002 tp	WS31568
Chlorothalonil	ND		ug/L	1	5.0	EPA 508	2/14/2002 tp	WS31568
Hexachlorobenzene	ND		ug/L	1	0.50	EPA 508	2/14/2002 tp	WS31568
Hexachlorocyclopentadiene	ND		ug/L	1	1.0	EPA 508	2/14/2002 tp	WS31568
Propachlor	ND		ug/L	1	0.50	EPA 508	2/14/2002 tp	WS31568
Trifluralin	ND		ug/L	1	0.010	EPA 508	2/14/2002 tp	WS31568
Chlordane	ND		ug/L	1	0.10	EPA 508	2/14/2002 tp	WS31568
Toxaphene	ND		ug/L	1	1.0	EPA 508	2/14/2002 tp	WS31568
Aroclor-1016	ND		ug/L	1	0.10	EPA 508	2/14/2002 tp	WS31568
Aroclor-1221	ND		ug/L	1	0.10	EPA 508	2/14/2002 tp	WS31568
Aroclor-1232	ND		ug/L	1	0.10	EPA 508	2/14/2002 tp	WS31568
Aroclor-1242	ND		ug/L	1	0.10	EPA 508	2/14/2002 tp	WS31568
Aroclor-1248	ND		ug/L	1	0.10	EPA 508	2/14/2002 tp	WS31568
Aroclor-1254	ND		ug/L	1	0.10	EPA 508	2/14/2002 tp	WS31568
Aroclor-1260	ND		ug/L	1	0.10	EPA 508	2/14/2002 tp	WS31568

[Handwritten Signature]

Authorized Signature

ELAP # 1132
LACSD # 10143

Flags for Data Qualifiers:

- B = Compound detected in the blank. Sample result equal or less than 10 times the concentration in the blank
- J = Estimated value, detected but below the reporting limit.
- H = Estimated value, result over the calibration range
- R = Result is suspect, LCS recovery greater than the upper control limit.
- L = Result is suspect, LCS recovery lower than the control limit.
- Q = QC result out of acceptance limits.
- T = Trace detection, detected but below the reporting limit.

Notes:

- The Chain of Custody document is part of the analytical report.
- Any remaining sample(s) for testing will be disposed of one month from the final report date unless other arrangements are made in advance.
- All results are expressed on wet weight basis unless specified.
- RL = Reporting Limit.
- ND = Not detected, below the reporting limit.
- Sub = Subcontracted analysis, original report enclosed.

City of Simi Valley, Water Quality Control Plant Project ID: Semi-annual Monitoring
 2929 Tapo Canyon Road SV Lab# 9441, Quarterly W11
 Simi Valley, CA 93063 Report Number: ILB0170
 Attention: Barbara Santos

Sampled: 02/05/02
 Received: 02/05/02

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Method	Batch	Reporting	Sample	Dilution	Date	Date	Data
			Limit	Result					Factor	Extracted	Analyzed	Qualifiers
			ug/l	ug/l				
Sample ID: ILB0170-01 (W11 Comp., #9441 - Water)								
Acenaphthene	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
Acenaphthylene	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
Aniline	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
Anthracene	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
Benzidine	EPA 625	I2B0675	100	ND	0.9	2/6/02	2/15/02	L2
Benzoic acid	EPA 625	I2B0675	100	ND	0.9	2/6/02	2/15/02	
Benzo(a)anthracene	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
Benzo(b)fluoranthene	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
Benzo(k)fluoranthene	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
Benzo(g,h,i)perylene	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
Benzo(a)pyrene	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
Benzyl alcohol	EPA 625	I2B0675	20	ND	0.9	2/6/02	2/15/02	
Bis(2-chloroethoxy)methane	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
Bis(2-chloroethyl)ether	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
Bis(2-chloroisopropyl)ether	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
Bis(2-ethylhexyl)phthalate	EPA 625	I2B0675	100	ND	0.9	2/6/02	2/15/02	
4-Bromophenyl phenyl ether	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
Butyl benzyl phthalate	EPA 625	I2B0675	20	ND	0.9	2/6/02	2/15/02	
4-Chloroaniline	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
2-Chloronaphthalene	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
4-Chloro-3-methylphenol	EPA 625	I2B0675	20	ND	0.9	2/6/02	2/15/02	
2-Chlorophenol	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
4-Chlorophenyl phenyl ether	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
Chrysene	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
Dibenz(a,h)anthracene	EPA 625	I2B0675	20	ND	0.9	2/6/02	2/15/02	
Dibenzofuran	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
Di-n-butyl phthalate	EPA 625	I2B0675	20	ND	0.9	2/6/02	2/15/02	
1,3-Dichlorobenzene	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
1,4-Dichlorobenzene	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
1,2-Dichlorobenzene	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
3,3-Dichlorobenzidine	EPA 625	I2B0675	40	ND	0.9	2/6/02	2/15/02	C
2,4-Dichlorophenol	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
Diethyl phthalate	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
2,4-Dimethylphenol	EPA 625	I2B0675	20	ND	0.9	2/6/02	2/15/02	
Dimethyl phthalate	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
2,6-Dinitro-2-methylphenol	EPA 625	I2B0675	40	ND	0.9	2/6/02	2/15/02	
2,4-Dinitrophenol	EPA 625	I2B0675	100	ND	0.9	2/6/02	2/15/02	
2,4-Dinitrotoluene	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
2,6-Dinitrotoluene	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
Di-n-octyl phthalate	EPA 625	I2B0675	40	ND	0.9	2/6/02	2/15/02	
Fluoranthene	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
Fluorene	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical.

City of Simi Valley, Water Quality Control Plant Project ID: Semi-annual Monitoring
 2929 Tapo Canyon Road SV Lab# 9441, Quarterly W11
 Simi Valley, CA 93063 Report Number: ILB0170
 Attention: Barbara Santos
 Sampled: 02/05/02
 Received: 02/05/02

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Method	Batch	Reporting	Sample	Dilution	Date	Date	Data
			Limit	Result					Factor	Extracted	Analyzed	Qualifiers
			ug/l	ug/l				
Sample ID: ILB0170-01 (W11 Comp., #9441 - Water)								
Hexachlorobenzene	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
Hexachlorobutadiene	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
Hexachlorocyclopentadiene	EPA 625	I2B0675	40	ND	0.9	2/6/02	2/15/02	
Hexachloroethane	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
Indeno(1,2,3-cd)pyrene	EPA 625	I2B0675	20	ND	0.9	2/6/02	2/15/02	
Isophorone	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
1-Methylnaphthalene	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
2-Methylphenol	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
4-Methylphenol	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
Naphthalene	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
1-Nitroaniline	EPA 625	I2B0675	20	ND	0.9	2/6/02	2/15/02	
3-Nitroaniline	EPA 625	I2B0675	20	ND	0.9	2/6/02	2/15/02	
4-Nitroaniline	EPA 625	I2B0675	100	ND	0.9	2/6/02	2/15/02	
Nitrobenzene	EPA 625	I2B0675	40	ND	0.9	2/6/02	2/15/02	
2-Nitrophenol	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
4-Nitrophenol	EPA 625	I2B0675	100	ND	0.9	2/6/02	2/15/02	
1-Nitrosodiphenylamine	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
n-Nitroso-di-n-propylamine	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
Pentachlorophenol	EPA 625	I2B0675	40	ND	0.9	2/6/02	2/15/02	
Phenanthrene	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
Phenol	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
Pyrene	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
1,2,4-Trichlorobenzene	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
1,4,5-Trichlorophenol	EPA 625	I2B0675	20	ND	0.9	2/6/02	2/15/02	
2,4,6-Trichlorophenol	EPA 625	I2B0675	20	ND	0.9	2/6/02	2/15/02	
1,2-Diphenylhydrazine/Azobenzene	EPA 625	I2B0675	20	ND	0.9	2/6/02	2/15/02	
1-Nitrosodimethylamine	EPA 625	I2B0675	20	ND	0.9	2/6/02	2/15/02	
Surrogate: 2-Fluorophenol (30-110%)				59 %				
Surrogate: Phenol-d6 (40-110%)				72 %				
Surrogate: 2,4,6-Tribromophenol (55-140%)				87 %				
Surrogate: Nitrobenzene-d5 (40-110%)				73 %				
Surrogate: 2-Fluorobiphenyl (40-120%)				75 %				
Surrogate: Terphenyl-d14 (55-160%)				138 %				
Cresol	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical.



City of Simi Valley, Water Quality Control Plant Project ID: Semi-annual Monitoring
 929 Tapo Canyon Road SV Lab# 9441, Quarterly W11 Sampled: 02/05/02
 Simi Valley, CA 93063 Report Number: ILB0170 Received: 02/05/02
 Attention: Barbara Santos

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS (EPA 418.1)

Analyte	Method	Batch	Reporting	Sample	Dilution	Date	Date	Data
			Limit	Result					Factor	Extracted	Analyzed	Qualifiers
			mg/l	mg/l				
Sample ID: ILB0170-01 (W11 Comp., #9441 - Water)								
Total Recoverable Hydrocarbons	EPA 418.1	I2B1252	1.0	ND	1	2/12/02	2/12/02	

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical.

**ATTACHMENT 3
RECEIVING WATER RESULTS
W - 10**



City of Simi Valley, Water Quality Control Plant Project ID: Semi-annual Monitoring
 2929 Tapo Canyon Road SV Lab# 9440, Quarterly W10
 Simi Valley, CA 93063 Report Number: ILB0172
 Attention: Barbara Santos

Sampled: 02/05/02
 Received: 02/05/02

METALS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
				mg/l	mg/l			
Sample ID: ILB0172-01 (W10 Comp., #9440 - Water)								
Arsenic	EPA 200.7	I2B0625	0.0050	0.0054	1	2/6/02	2/11/02	
Cadmium	EPA 200.7	I2B0625	0.0050	ND	1	2/6/02	2/11/02	
Chromium	EPA 200.7	I2B0625	0.0050	ND	1	2/6/02	2/11/02	
Copper	EPA 200.7	I2B0625	0.010	ND	1	2/6/02	2/11/02	
Lead	EPA 200.7	I2B0625	0.0050	ND	1	2/6/02	2/11/02	
Nickel	EPA 200.7	I2B0625	0.010	ND	1	2/6/02	2/11/02	
Zinc	EPA 200.7	I2B0625	0.020	ND	1	2/6/02	2/11/02	

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical.



City of Simi Valley, Water Quality Control Plant Project ID: Semi-annual Monitoring
 2929 Tapo Canyon Road SV Lab# 9440, Quarterly W10
 Simi Valley, CA 93063 Report Number: ILB0172
 Attention: Barbara Santos Sampled: 02/05/02
 Received: 02/05/02

INORGANICS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ILB0172-01 (W10 Comp., #9440 - Water)								
Oil & Grease	EPA 413.1	I2B1285	5.0	ND	1	2/12/02	2/12/02	
Surfactants (MBAS)	SM5540-C	I2B0660	0.10	0.12	1	2/6/02	2/6/02	

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical.

Del Mar Analytical

1014 E. Coolidge Ave., Irvine, CA 92606 (949) 261-1022 FAX (949) 261-1023
Suite A, Colton, CA 92324 (909) 370-4667 FAX (909) 370-1044
9484 Chesapeake Dr., Suite 805, San Diego, CA 92123 (858) 505-8596 FAX (858) 505-9666
9830 South 51st St., Suite B-120, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0055
2520 E. Sunset Rd. #3, Las Vegas, NV 89120 (702) 798-3620 FAX (702) 798-3621

March 5, 2002

City of Simi Valley, Water Quality Control Plant
2929 Tapo Canyon Road
Simi Valley, CA 93063

Attention: Barbara Santos

Project: Semi-annual Monitoring, SV Lab#9440
Quarterly W10, Sampled: 2/05/02
Del Mar Analytical Number: ILB0172

Dear Ms. Santos:

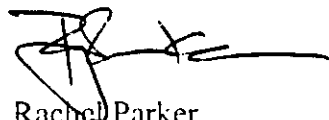
Please find enclosed the final report for the referenced project. The Nitrogen- and Phosphorus- Containing Pesticides analysis by EPA Method 507, Chlorinated Pesticides analysis by EPA Method 508, and PCBs by EPA Methods 508(A) were subcontracted to Weck Laboratories, Inc. The cross-reference identification is as follows:

Simi Valley ID	Del Mar, Irvine ID	Weck Lab ID
W10 Comp., #9440	ILB0172-01	A200858-001

Attached is the original report from Weck Laboratories. If you have any questions or require further assistance, please do not hesitate to contact me.

Sincerely yours,

DEL MAR ANALYTICAL



Rachel Parker
Project Manager



Report Date: Monday, February 25, 2002

Received Date: Wednesday, February 06, 2002

Log By: tn

Log Time: 12:25

Client: Del Mar Analytical
2852 Alton Parkway
Irvine, CA 92606

Phone: (949) 261-1022

FAX: (949) 261-1228

Attn.: Rachel Parker

Project: ILB0172

P.O. #:

Turnaround Time: Normal

CERTIFICATE OF ANALYSIS

Lab#: A200858-001
Sampled By: Client

Sample ID: ILB0172-01
Date: 2/5/2002

Time: 15:30

Matrix: Water

Table with columns: Parameter, Result, Flag, Units, Dilution Factor, RL, Method, Analyzed, Worksheet #. Lists parameters like Alachlor, Atrazine, Bromacil, etc.

Table with columns: Parameter, Result, Flag, Units, Dilution Factor, RL, Method, Analyzed, Worksheet #. Lists parameters like Aldrin, alpha-BHC, beta-BHC, etc.

Lab#: A200858

Page 1 of 2



Client: Del Mar Analytical
Project Name: ILB0172

Report Date: Monday, February 25, 2002

CERTIFICATE OF ANALYSIS

Lab#: A200858-001
Sampled By: Client

Sample ID: ILB0172-01
Date: 2/5/2002

Matrix: Water
Time: 15:30

Parameter	Result	Flag	Units	Dilution Factor	RL	Method	Analyzed	Worksheet #
Methoxychlor	ND		ug/L	1	10	EPA 508	2/14/2002 tp	WS31568
Chlorothalonil	ND		ug/L	1	5.0	EPA 508	2/14/2002 tp	WS31568
Hexachlorobenzene	ND		ug/L	1	0.50	EPA 508	2/14/2002 tp	WS31568
Hexachlorocyclopentadiene	ND		ug/L	1	1.0	EPA 508	2/14/2002 tp	WS31568
Propachlor	ND		ug/L	1	0.50	EPA 508	2/14/2002 tp	WS31568
Trifluralin	ND		ug/L	1	0.010	EPA 508	2/14/2002 tp	WS31568
Chlordane	ND		ug/L	1	0.10	EPA 508	2/14/2002 tp	WS31568
Toxaphene	ND		ug/L	1	1.0	EPA 508	2/14/2002 tp	WS31568
Aroclor-1016	ND		ug/L	1	0.10	EPA 508	2/14/2002 tp	WS31568
Aroclor-1221	ND		ug/L	1	0.10	EPA 508	2/14/2002 tp	WS31568
Aroclor-1232	ND		ug/L	1	0.10	EPA 508	2/14/2002 tp	WS31568
Aroclor-1242	ND		ug/L	1	0.10	EPA 508	2/14/2002 tp	WS31568
Aroclor-1248	ND		ug/L	1	0.10	EPA 508	2/14/2002 tp	WS31568
Aroclor-1254	ND		ug/L	1	0.10	EPA 508	2/14/2002 tp	WS31568
Aroclor-1260	ND		ug/L	1	0.10	EPA 508	2/14/2002 tp	WS31568

[Signature]
Authorized Signature

ELAP # 1132
LACSD # 10143

Flags for Data Qualifiers:

- B = Compound detected in the blank. Sample result equal or less than 10 times the concentration in the blank
- J = Estimated value, detected but below the reporting limit.
- H = Estimated value, result over the calibration range
- R = Result is suspect, LCS recovery greater than the upper control limit.
- L = Result is suspect, LCS recovery lower than the control limit.
- Q = QC result out of acceptance limits.
- T = Trace detection, detected but below the reporting limit.

Notes:

- The Chain of Custody document is part of the analytical report.
- Any remaining sample(s) for testing will be disposed of one month from the final report date unless other arrangements are made in advance.
- All results are expressed on wet weight basis unless specified.
- RL = Reporting Limit.
- ND = Not detected, below the reporting limit.
- Sub = Subcontracted analysis, original report enclosed.



City of Simi Valley, Water Quality Control Plant Project ID: Semi-annual Monitoring
 2929 Tapo Canyon Road SV Lab# 9440, Quarterly W10
 Simi Valley, CA 93063 Report Number: ILB0172
 Attention: Barbara Santos

Sampled: 02/05/02
 Received: 02/05/02

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Method	Batch	Reporting	Sample	Dilution	Date	Date	Data
			Limit	Result					Factor	Extracted	Analyzed	Qualifiers
			ug/l	ug/l				
Sample ID: ILB0172-01 (W10 Comp., #9440 - Water)								
Acenaphthene	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
Acenaphthylene	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
Aniline	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
Anthracene	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
Benzidine	EPA 625	I2B0675	100	ND	0.9	2/6/02	2/15/02	L2
Benzoic acid	EPA 625	I2B0675	100	ND	0.9	2/6/02	2/15/02	
Benzo(a)anthracene	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
Benzo(b)fluoranthene	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
Benzo(k)fluoranthene	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
Benzo(g,h,i)perylene	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
Benzo(a)pyrene	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
Benzyl alcohol	EPA 625	I2B0675	20	ND	0.9	2/6/02	2/15/02	
Bis(2-chloroethoxy)methane	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
Bis(2-chloroethyl)ether	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
Bis(2-chloroisopropyl)ether	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
Bis(2-ethylhexyl)phthalate	EPA 625	I2B0675	100	ND	0.9	2/6/02	2/15/02	
p-Bromophenyl phenyl ether	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
Butyl benzyl phthalate	EPA 625	I2B0675	20	ND	0.9	2/6/02	2/15/02	
p-Chloroaniline	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
2-Chloronaphthalene	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
4-Chloro-3-methylphenol	EPA 625	I2B0675	20	ND	0.9	2/6/02	2/15/02	
2-Chlorophenol	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
m-Chlorophenyl phenyl ether	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
Chrysene	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
Dibenz(a,h)anthracene	EPA 625	I2B0675	20	ND	0.9	2/6/02	2/15/02	
Dibenzofuran	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
Di-n-butyl phthalate	EPA 625	I2B0675	20	ND	0.9	2/6/02	2/15/02	
1,3-Dichlorobenzene	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
1,4-Dichlorobenzene	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
1,2-Dichlorobenzene	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
3,3-Dichlorobenzidine	EPA 625	I2B0675	40	ND	0.9	2/6/02	2/15/02	C
2,4-Dichlorophenol	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
Diethyl phthalate	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
2,4-Dimethylphenol	EPA 625	I2B0675	20	ND	0.9	2/6/02	2/15/02	
Dimethyl phthalate	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
4,6-Dinitro-2-methylphenol	EPA 625	I2B0675	40	ND	0.9	2/6/02	2/15/02	
2,4-Dinitrophenol	EPA 625	I2B0675	100	ND	0.9	2/6/02	2/15/02	
2,4-Dinitrotoluene	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
2,6-Dinitrotoluene	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
Di-n-octyl phthalate	EPA 625	I2B0675	40	ND	0.9	2/6/02	2/15/02	
Fluoranthene	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
Fluorene	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical.

City of Simi Valley, Water Quality Control Plant Project ID: Semi-annual Monitoring
 2929 Tapo Canyon Road SV Lab# 9440, Quarterly W10
 Simi Valley, CA 93063 Report Number: ILB0172
 Attention: Barbara Santos

Sampled: 02/05/02
 Received: 02/05/02

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
				ug/l	ug/l			
Sample ID: ILB0172-01 (W10 Comp., #9440 - Water)								
Hexachlorobenzene	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
Hexachlorobutadiene	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
Hexachlorocyclopentadiene	EPA 625	I2B0675	40	ND	0.9	2/6/02	2/15/02	
Hexachloroethane	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
Indeno(1,2,3-cd)pyrene	EPA 625	I2B0675	20	ND	0.9	2/6/02	2/15/02	
Isophorone	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
1-Methylnaphthalene	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
2-Methylphenol	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
3-Methylphenol	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
1-Naphthalene	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
2-Nitroaniline	EPA 625	I2B0675	20	ND	0.9	2/6/02	2/15/02	
3-Nitroaniline	EPA 625	I2B0675	20	ND	0.9	2/6/02	2/15/02	
4-Nitroaniline	EPA 625	I2B0675	100	ND	0.9	2/6/02	2/15/02	
Nitrobenzene	EPA 625	I2B0675	40	ND	0.9	2/6/02	2/15/02	
2-Nitrophenol	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
3-Nitrophenol	EPA 625	I2B0675	100	ND	0.9	2/6/02	2/15/02	
n-Nitrosodiphenylamine	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
n-Nitroso-di-n-propylamine	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
Pentachlorophenol	EPA 625	I2B0675	40	ND	0.9	2/6/02	2/15/02	
Phenanthrene	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
Phenol	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
Pyrene	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
1,2,4-Trichlorobenzene	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	
2,4,5-Trichlorophenol	EPA 625	I2B0675	20	ND	0.9	2/6/02	2/15/02	
2,4,6-Trichlorophenol	EPA 625	I2B0675	20	ND	0.9	2/6/02	2/15/02	
1,2-Diphenylhydrazine/Azobenzene	EPA 625	I2B0675	20	ND	0.9	2/6/02	2/15/02	
n-Nitrosodimethylamine	EPA 625	I2B0675	20	ND	0.9	2/6/02	2/15/02	
Surrogate: 2-Fluorophenol (30-110%)				64 %				
Surrogate: Phenol-d6 (40-110%)				75 %				
Surrogate: 2,4,6-Tribromophenol (55-140%)				88 %				
Surrogate: Nitrobenzene-d5 (40-110%)				80 %				
Surrogate: 2-Fluorobiphenyl (40-120%)				83 %				
Surrogate: Terphenyl-d14 (55-160%)				148 %				
Cresol	EPA 625	I2B0675	10	ND	0.9	2/6/02	2/15/02	

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical.



City of Simi Valley, Water Quality Control Plant Project ID: Semi-annual Monitoring
 2929 Tapo Canyon Road SV Lab# 9440, Quarterly W10
 Simi Valley, CA 93063 Report Number: ILB0172
 Attention: Barbara Santos Sampled: 02/05/02
 Received: 02/05/02

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS (EPA 418.1)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ILB0172-01 (W10 Comp., #9440 - Water)								
Total Recoverable Hydrocarbons	EPA 418.1	I2B1252	1.0 mg/l	ND mg/l	1	2/12/02	2/12/02	

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical.

ATTACHMENT 4
QA/QC REPORT



Del Mar Analytical

2852 Alton Ave., Irvine, CA 92606 (949) 261-1022 FAX (949) 261-1222
 1014 E. Coe, Suite A, Colton, CA 92324 (909) 370-4667 FAX (909) 370-1144
 16525 Sherman Way, Suite C-11, Van Nuys, CA 92406 (818) 779-1844 FAX (818) 779-1844
 9484 Chesapeake Dr., Suite 805, San Diego, CA 92123 (619) 505-9596 FAX (619) 505-9599
 9830 South 51st St., Suite B-120, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0044

City of Simi Valley, Water Quality Control Plant Project ID: Semi-annual Monitoring
 2929 Tapo Canyon Road SV Lab# 9442, Quarterly W12
 Simi Valley, CA 93063 Report Number: ILB0169
 Attention: Barbara Santos

Sampled: 02/05/02
 Received: 02/05/02

METHOD BLANK/QC DATA

METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC Limits	RPD RPD	RPD Limit	Data Qualifiers
Batch: 12B0625 Extracted: 02/06/02									
Blank Analyzed: 02/11/02 (12B0625-BLK1)									
Arsenic	ND	0.0050	mg/l						
Cadmium	ND	0.0050	mg/l						
Chromium	ND	0.0050	mg/l						
Copper	ND	0.010	mg/l						
Lead	ND	0.0050	mg/l						
Nickel	ND	0.010	mg/l						
Zinc	ND	0.020	mg/l						
LCS Analyzed: 02/11/02 (12B0625-BS1)									
Arsenic	0.516	0.0050	mg/l	0.500		103 85-115			
Cadmium	0.489	0.0050	mg/l	0.500		98 85-115			
Chromium	0.488	0.0050	mg/l	0.500		98 85-115			
Copper	0.470	0.010	mg/l	0.500		94 85-115			
Lead	0.480	0.0050	mg/l	0.500		96 85-115			
Nickel	0.474	0.010	mg/l	0.500		95 85-115			
Zinc	0.467	0.020	mg/l	0.500		93 85-115			
Matrix Spike Analyzed: 02/11/02 (12B0625-MS1) Source: ILB0121-01									
Arsenic	0.558	0.0050	mg/l	0.500	ND	111 70-130			
Cadmium	0.498	0.0050	mg/l	0.500	ND	100 70-130			
Chromium	0.498	0.0050	mg/l	0.500	ND	100 70-130			
Copper	0.510	0.010	mg/l	0.500	0.022	98 70-130			
Lead	0.481	0.0050	mg/l	0.500	ND	96 70-130			
Nickel	0.470	0.010	mg/l	0.500	ND	94 70-130			
Zinc	0.484	0.020	mg/l	0.500	ND	97 70-130			
Matrix Spike Dup Analyzed: 02/11/02 (12B0625-MSD1) Source: ILB0121-01									
Arsenic	0.552	0.0050	mg/l	0.500	ND	109 70-130	1	20	
Cadmium	0.496	0.0050	mg/l	0.500	ND	99 70-130	0	20	
Chromium	0.496	0.0050	mg/l	0.500	ND	99 70-130	0	20	
Copper	0.506	0.010	mg/l	0.500	0.022	97 70-130	1	20	
Lead	0.478	0.0050	mg/l	0.500	ND	96 70-130	1	20	
Nickel	0.468	0.010	mg/l	0.500	ND	93 70-130	0	20	
Zinc	0.481	0.020	mg/l	0.500	ND	96 70-130	1	20	

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical.

ILB0169 02/05/02

City of Simi Valley, Water Quality Control Plant
 2929 Tapo Canyon Road
 Simi Valley, CA 93063
 Attention: Barbara Santos

Project ID: Semi-annual Monitoring
 SV Lab# 9442, Quarterly W12
 Report Number: ILB0169

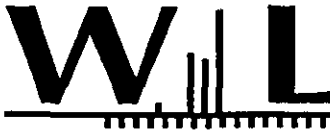
Sampled: 02/05/02
 Received: 02/05/02

METHOD BLANK/QC DATA

INORGANICS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limits RPD	RPD Limit	Data Qualifiers
Batch: 12B0660 Extracted: 02/06/02									
Blank Analyzed: 02/06/02 (12B0660-BLK1)									
Surfactants (MBAS)	ND	0.10	mg/l						
LCS Analyzed: 02/06/02 (12B0660-BS1)									
Surfactants (MBAS)	0.247	0.10	mg/l	0.250		99	90-110		
Matrix Spike Analyzed: 02/06/02 (12B0660-MS1)									
Surfactants (MBAS)	0.238	0.10	mg/l	0.250	ND	77	50-125		
Matrix Spike Dup Analyzed: 02/06/02 (12B0660-MSD1)									
Surfactants (MBAS)	0.306	0.10	mg/l	0.250	ND	104	50-125	25	20 R-3
Batch: 12B1285 Extracted: 02/12/02									
Blank Analyzed: 02/12/02 (12B1285-BLK1)									
Oil & Grease	ND	5.0	mg/l						
LCS Analyzed: 02/12/02 (12B1285-BS1)									
Oil & Grease	19.5	5.0	mg/l	20.0		98	80-120		
LCS Dup Analyzed: 02/12/02 (12B1285-BSD1)									
Oil & Grease	19.8	5.0	mg/l	20.0		99	80-120	2	20 M-NRI

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager



Client: Del Mar Analytical
Project Name: ILB0169

QC Report Date: Monday, February 25, 2002
Project #:

QUALITY CONTROL REPORT

Table with columns: QC Lab#, TestGroup, Parameter, Sample Result, QC Result, Units, Amt. Added/True Value, %R or RPD, %RPD for MSD, Low Limit, High Limit. Contains multiple rows of data for various chemical parameters and their results.

Note:

ND = Not Detected MS = Matrix Spike MSD = Matrix Spike Duplicate SURR = Surrogate
BL = Blank DUP = Duplicate RPD = Relative Percent Deviation LCS = Laboratory Control Standard



Client: Del Mar Analytical
Project Name: ILB0169

QC Report Date: Monday, February 25, 2002
Project #:

QUALITY CONTROL REPORT

QC Lab#	TestGroup	Parameter	Sample Result	QC Result	Units	Amt. Added/ True Value	%R or RPD	%RPD for MSD	Low Limit	High Limit
A200895-007MSD	508_msd	Endosulfan sulfate	ND	0.157	ug/L	0.1	157	4	87	137
		<i>QC Notes: matrix effect</i>								
A200895-007MSD	508_msd	Endrin	ND	0.115	ug/L	0.1	115	14	53	123
A200895-007MSD	508_msd	Endrin aldehyde	ND	0.0587	ug/L	0.1	58.7	1	53	123
A200895-007MSD	508_msd	gamma-BHC (lindane)	ND	0.0828	ug/L	0.1	82.8	3	54	124
A200895-007MSD	508_msd	Heptachlor	ND	0.103	ug/L	0.1	103	8	63	133
A200895-007MSD	508_msd	Heptachlor epoxide	ND	0.0888	ug/L	0.1	88.8	2	52	122
A200895-007MSD	508_msd	Methoxychlor	ND	0.110	ug/L	0.1	110	4	70	140
A200895-007SURR	508_surr	2,4,5,6-tetrachloro-m-xylene		0.0975	ug/L	0.1	97.5		70	130
A200895-007SURR	508_surr	decachlorobiphenyl		0.0701	ug/L	0.1	70.1		70	130
A200895-008SURR	508_surr	2,4,5,6-tetrachloro-m-xylene		0.0770	ug/L	0.1	77		70	130
A200895-008SURR	508_surr	decachlorobiphenyl		0.0658	ug/L	0.1	65.8		70	130
		<i>QC Notes: matrix effect</i>								
A200895-011SURR	508_surr	2,4,5,6-tetrachloro-m-xylene		0.0823	ug/L	0.1	82.3		70	130
A200895-011SURR	508_surr	decachlorobiphenyl		0.0720	ug/L	0.1	72		70	130
A200895-012SURR	508_surr	2,4,5,6-tetrachloro-m-xylene		0.0732	ug/L	0.1	73.2		70	130
A200895-012SURR	508_surr	decachlorobiphenyl		0.0774	ug/L	0.1	77.4		70	130
A200923-002SURR	508_surr	2,4,5,6-tetrachloro-m-xylene		0.0774	ug/L	0.1	77.4		70	130
A200923-002SURR	508_surr	decachlorobiphenyl		0.0733	ug/L	0.1	73.3		70	130
LCS	508_lcs	4,4'-DDD		0.128	ug/L	0.1	128		45	130
LCS	508_lcs	4,4'-DDE		0.117	ug/L	0.1	117		48	126
LCS	508_lcs	4,4'-DDT		0.129	ug/L	0.1	129		33	148
LCS	508_lcs	Aldrin		0.115	ug/L	0.1	115		40	129
LCS	508_lcs	alpha-BHC		0.122	ug/L	0.1	122		34	127
LCS	508_lcs	beta-BHC		0.124	ug/L	0.1	124		41	141
LCS	508_lcs	delta-BHC		0.158	ug/L	0.1	158		34	139
		<i>QC Notes: high bias, samples not detected</i>								
LCS	508_lcs	Dieldrin		0.119	ug/L	0.1	119		47	128
LCS	508_lcs	Endosulfan I		0.125	ug/L	0.1	125		49	123
		<i>QC Notes: high bias, samples not detected</i>								
LCS	508_lcs	Endosulfan II		0.124	ug/L	0.1	124		50	117
		<i>QC Notes: high bias, samples not detected</i>								
LCS	508_lcs	Endosulfan sulfate		0.188	ug/L	0.1	188		31	211
LCS	508_lcs	Endrin		0.140	ug/L	0.1	140		32	163
LCS	508_lcs	Endrin aldehyde		0.118	ug/L	0.1	118		40	139
LCS	508_lcs	gamma-BHC (lindane)		0.124	ug/L	0.1	124		42	134
LCS	508_lcs	Heptachlor		0.119	ug/L	0.1	119		35	151

Note:

ND = Not Detected MS = Matrix Spike MSD = Matrix Spike Duplicate SURR = Surrogate
BL = Blank DUP = Duplicate RPD = Relative Percent Deviation LCS = Laboratory Control Standard



Client: Del Mar Analytical
Project Name: ILB0169

QC Report Date: Monday, February 25, 2002
Project #:

QUALITY CONTROL REPORT

QC Lab#	TestGroup	Parameter	Sample Result	QC Result	Units	Amt Added/ True Value	%R or RPD	%RPD for MSD	Low Limit	High Limit
LCS	508_lcs	Heptachlor epoxide		0.120	ug/L	0.1	120		53	128
LCS	508_lcs	Methoxychlor		0.147	ug/L	0.1	147		64	146
		<i>QC Notes: high bias, samples not detected</i>								
Method Blank	508_bl	4,4'-DDD		ND	ug/L		0			0.02
Method Blank	508_bl	4,4'-DDE		ND	ug/L		0			0.01
Method Blank	508_bl	4,4'-DDT		ND	ug/L		0			0.02
Method Blank	508_bl	Aldrin		ND	ug/L		0			0.075
Method Blank	508_bl	alpha-BHC		ND	ug/L		0			0.05
Method Blank	508_bl	Aroclor-1016		ND	ug/L		0			0.1
Method Blank	508_bl	Aroclor-1221		ND	ug/L		0			0.1
Method Blank	508_bl	Aroclor-1232		ND	ug/L		0			0.1
Method Blank	508_bl	Aroclor-1242		ND	ug/L		0			0.1
Method Blank	508_bl	Aroclor-1248		ND	ug/L		0			0.1
Method Blank	508_bl	Aroclor-1254		ND	ug/L		0			0.1
Method Blank	508_bl	Aroclor-1260		ND	ug/L		0			0.1
Method Blank	508_bl	beta-BHC		ND	ug/L		0			0.05
Method Blank	508_bl	Chlordane		ND	ug/L		0			0.1
Method Blank	508_bl	Chlorothalonil		ND	ug/L		0			5
Method Blank	508_bl	delta-BHC		ND	ug/L		0			0.5
Method Blank	508_bl	Dieldrin		ND	ug/L		0			0.02
Method Blank	508_bl	Endosulfan I		ND	ug/L		0			0.02
Method Blank	508_bl	Endosulfan II		ND	ug/L		0			0.01
Method Blank	508_bl	Endosulfan sulfate		ND	ug/L		0			0.05
Method Blank	508_bl	Endrin		ND	ug/L		0			0.1
Method Blank	508_bl	Endrin aldehyde		ND	ug/L		0			0.05
Method Blank	508_bl	gamma-BHC (lindane)		ND	ug/L		0			0.2
Method Blank	508_bl	Heptachlor		ND	ug/L		0			0.01
Method Blank	508_bl	Heptachlor epoxide		ND	ug/L		0			0.01
Method Blank	508_bl	Hexachlorobenzene		ND	ug/L		0			0.5
Method Blank	508_bl	Methoxychlor		ND	ug/L		0			10
Method Blank	508_bl	Propachlor		ND	ug/L		0			0.5
Method Blank	508_bl	Toxaphene		ND	ug/L		0			1
Method Blank	508_bl	Trifluralin		ND	ug/L		0			0.01

Note:

ND = Not Detected MS = Matrix Spike MSD = Matrix Spike Duplicate SURR = Surrogate
BL = Blank DUP = Duplicate RPD = Relative Percent Deviation LCS = Laboratory Control Standard



Client: Del Mar Analytical
Project Name: ILB0169

QC Report Date: Monday, February 25, 2002
Project #:

QUALITY CONTROL REPORT

QC Lab#	TestGroup	Parameter	Sample Result	QC Result	Units	Amt. Added/ True Value	%R or RPD	%RPD for MSD	Low Limit	High Limit
Worksheet #:	Lab#:	Test Name			Analized Date					
WS31568	A200858-001	Organochlorine Pesticides by L-L extract								
WS31568	A200859-001	Organochlorine Pesticides by L-L extract								
WS31568	A200860-001	Organochlorine Pesticides by L-L extract								
WS31568	A200895-007	Organochlorine Pesticides by L-L extract								
WS31568	A200895-008	Organochlorine Pesticides by L-L extract								
WS31568	A200895-011	Organochlorine Pesticides by L-L extract								
WS31568	A200895-012	Organochlorine Pesticides by L-L extract								
WS31568	A200923-002	Organochlorine Pesticides by L-L extract								

Note:

ND = Not Detected MS = Matrix Spike MSD = Matrix Spike Duplicate SURR = Surrogate
BL = Blank DUP = Duplicate RPD = Relative Percent Deviation LCS = Laboratory Control Standard

Client: Del Mar Analytical
Project Name: ILB0169QC Report Date: Monday, February 25, 2002
Project #:

QUALITY CONTROL REPORT

QC Lab#	TestGroup	Parameter	Sample Result	QC Result	Units	Amt. Added/ True Value	%R or RPD	%RPD for MSD	Low Limit	High Limit
A200858-001MS	507_ms	Alachlor	ND	4.15	ug/L	4	103.8		60	130
A200858-001MS	507_ms	Atrazine	ND	ND	ug/L	1	82.5		57	127
A200858-001MS	507_ms	Bromacil	ND	23.2	ug/L	20	116.1		56	126
A200858-001MS	507_ms	Butachlor	ND	2.79	ug/L	2	139.7		58	128
QC Notes: MATRIX EFFECT, HIGH BIAS, SAMPLE NOT DETECTED										
A200858-001MS	507_ms	Diazinon	ND	0.933	ug/L	1	93.3		58	128
A200858-001MS	507_ms	Metolachlor	ND	2.03	ug/L	2	101.5		23	149
A200858-001MS	507_ms	Metribuzin	ND	2.13	ug/L	2	106.3		66	136
A200858-001MS	507_ms	Molinate	ND	ND	ug/L	1	88.6		63	133
A200858-001MS	507_ms	Prometryn	ND	ND	ug/L	1	114.1		58	128
A200858-001MS	507_ms	Simazine	ND	ND	ug/L	1	84.4		65	135
A200858-001MS	507_ms	Thiobencarb	ND	4.24	ug/L	4	106.1		26	167
A200858-001MSD	507_msd	Alachlor	ND	4.43	ug/L	4	110.8	7	60	130
A200858-001MSD	507_msd	Atrazine	ND	ND	ug/L	1	81.9	11	57	127
A200858-001MSD	507_msd	Bromacil	ND	24.4	ug/L	20	122.2	5	56	126
A200858-001MSD	507_msd	Butachlor	ND	2.90	ug/L	2	144.9	4	58	128
QC Notes: MATRIX EFFECT, HIGH BIAS, SAMPLE NOT DETECTED										
A200858-001MSD	507_msd	Diazinon	ND	1.14	ug/L	1	114.1	20	58	128
A200858-001MSD	507_msd	Metolachlor	ND	2.14	ug/L	2	107.1	5	23	149
A200858-001MSD	507_msd	Metribuzin	ND	2.18	ug/L	2	108.9	2	66	136
A200858-001MSD	507_msd	Molinate	ND	ND	ug/L	1	90.7	2	63	133
A200858-001MSD	507_msd	Prometryn	ND	ND	ug/L	1	119.3	4	58	128
A200858-001MSD	507_msd	Simazine	ND	ND	ug/L	1	87.4	3	65	135
A200858-001MSD	507_msd	Thiobencarb	ND	4.45	ug/L	4	111.3	5	26	167
A200858-001SURR	507_sur	1,3-dimethyl-2-nitrobenzene		2.87	ug/L	2.5	114.6		70	130
A200859-001SURR	507_sur	1,3-dimethyl-2-nitrobenzene		3.09	ug/L	2.5	123.5		70	130
A200860-001SURR	507_sur	1,3-dimethyl-2-nitrobenzene		2.65	ug/L	2.5	106.1		70	130
A200882-001SURR	507_sur	1,3-dimethyl-2-nitrobenzene		3.21	ug/L	2.5	128.6		70	130
A200882-002SURR	507_sur	1,3-dimethyl-2-nitrobenzene		2.78	ug/L	2.5	111.1		70	130
A200882-003SURR	507_sur	1,3-dimethyl-2-nitrobenzene		3.10	ug/L	2.5	124		70	130
A200883-001SURR	507_sur	1,3-dimethyl-2-nitrobenzene		2.89	ug/L	2.5	115.8		70	130
A200883-002SURR	507_sur	1,3-dimethyl-2-nitrobenzene		3.10	ug/L	2.5	124		70	130
LCS	507_lcs	Alachlor		4.63	ug/L	4	115.7		25	160
LCS	507_lcs	Atrazine		1.08	ug/L	1	107.8		22	156
LCS	507_lcs	Bromacil		23.9	ug/L	20	119.6		28	168
LCS	507_lcs	Butachlor		1.29	ug/L	2	64.6		23	160
LCS	507_lcs	Diazinon		1.04	ug/L	1	103.6		14	157

Note:

ND = Not Detected MS = Matrix Spike MSD = Matrix Spike Duplicate SURR = Surrogate
BL = Blank DUP = Duplicate RPD = Relative Percent Deviation LCS = Laboratory Control Standard



Client: Del Mar Analytical
Project Name: ILB0169

QC Report Date: Monday, February 25, 2002
Project #:

QUALITY CONTROL REPORT

QC Lab#	TestGroup	Parameter	Sample Result	QC Result	Units	Amt. Added/ True Value	%R or RPD	%RPD for MSD	Low Limit	High Limit
LCS	507_ics	Metolachlor		2.28	ug/L	2	113.9		34	138
LCS	507_ics	Metribuzin		2.19	ug/L	2	108.5		44	132
LCS	507_ics	Molinate		ND	ug/L	1	100.6		24	163
LCS	507_ics	Prometryn		ND	ug/L	1	121		21	160
LCS	507_ics	Simazine		1.06	ug/L	1	105.9		28	162
LCS	507_ics	Thiobencarb		4.54	ug/L	4	113.4		33	154
Method Blank	507_bl	Alachlor		ND	ug/L		0			1
Method Blank	507_bl	Atrazine		ND	ug/L		0			1
Method Blank	507_bl	Bromacil		ND	ug/L		0			10
Method Blank	507_bl	Butachlor		ND	ug/L		0			0.38
Method Blank	507_bl	Diazinon		ND	ug/L		0			0.25
Method Blank	507_bl	Dimethoate		ND	ug/L		0			10
Method Blank	507_bl	Metolachlor		ND	ug/L		0			0.5
Method Blank	507_bl	Metribuzin		ND	ug/L		0			0.5
Method Blank	507_bl	Molinate		ND	ug/L		0			2
Method Blank	507_bl	Prometon		ND	ug/L		0			1
Method Blank	507_bl	Prometryn		ND	ug/L		0			2
Method Blank	507_bl	Simazine		ND	ug/L		0			1
Method Blank	507_bl	Thiobencarb		ND	ug/L		0			1

Worksheet #:	Lab#:	Test Name	Analyzed Date
WS31569	A200858-001	Triazine pesticides in drinking water	2/20/2002
WS31569	A200859-001	Triazine pesticides in drinking water	2/20/2002
WS31569	A200860-001	Triazine pesticides in drinking water	2/20/2002
WS31569	A200882-001	Triazine pesticides in drinking water	2/20/2002
WS31569	A200882-002	Triazine pesticides in drinking water	2/20/2002
WS31569	A200882-003	Triazine pesticides in drinking water	2/20/2002
WS31569	A200883-001	Triazine pesticides in drinking water	2/20/2002
WS31569	A200883-002	Triazine pesticides in drinking water	2/20/2002

Note:

ND = Not Detected MS = Matrix Spike MSD = Matrix Spike Duplicate SJRR = Surrogate
BL = Blank DUP = Duplicate RPD = Relative Percent Deviation LCS = Laboratory Control Standard

SUBCONTRACT ORDER

17200860-01

Del Mar Analytical, Irvine

Project ID # ILB0169

SENDING LABORATORY:

Del Mar Analytical, Irvine
2852 Alton Parkway
Irvine, CA 92606
Phone: (949) 261-1022
Fax: (949) 261-1228
Project Manager: Rachel Parker

RECEIVING LABORATORY:

Weck Laboratories-SUB
14859 E. Clark Avenue
Industry, CA 91745
Phone: (626) 336-2139
Fax: (626) 336-2634

2:0

Standard TAT is requested unless specific due date is requested => Due Date: _____ Initials: _____

Analysis	Expiration	Comments
Sample ID: ILB0169-01 Water	Sampled: 02/05/02 15:20	
507-N+P Pesticides	02/19/02 15:20	To Weck; Std. TAT
508-Cl Pesticides	02/12/02 15:20	
508A-PCBs	02/19/02 15:20	
Containers Supplied:		
1 L Amber (ILB0169-01D)		
1 L Amber (ILB0169-01E)		
1 L Amber (ILB0169-01F)		
1 L Amber (ILB0169-01G)		

Release Notes:

Samples Received at (temp): _____

All containers intact: Yes No

Sample labels/COC agree: Yes No

Samples Preserved Properly: Yes No

Custody Seals Present: Yes No

Released By: *[Signature]* Date: 2/6/02 Time: 10:00

Received By: *[Signature]* Date: 2/6/02 Time: 10:00

Released By: *[Signature]* Date: 2/6/02 Time: 11:54

Received By: *[Signature]* Date: 2/6/02 Time: 11:54



CORRECTIVE ACTION REPORT

Department: Extractions
 Method: EPA 625/EPA 8270C
 QC Batch: I2B0675

Date: 2/13/02
 Matrix: Water

Identification and Definition of Problem:

The was no recovery for benzidine in the LCS and the RPD between the LCS/LCSD was outside the method control limit.

Determination of the Cause of the Problem:

A definitive cause for the low benzidine recovery has not been determined. It is suspected that an error occurred during the extraction process. The large difference between the LCS and LCSD recoveries caused the RPD to fall outside the acceptance limit.

Corrective Action Taken:

The LCSD was within method control limits for benzidine and all reported samples were ND for benzidine. Results for benzidine in these samples are have been flagged 'L2' to indicate low LCS recovery. All benzidine results are potentially biased low and can be considered only estimates. The LCSD was flagged 'R-2' indicating that the RPD between LCS/LCSD was outside the acceptance limit.

Quality Assurance Approval:

John P. Jones 2/21/02

Sample Receiving Check List

Date received: 2/6/02

Time: 11:50a

Lab Batch ID #: A200858 859 860

Client: _____

	Answer	Status			Comments
		Yes	No	N/A	
chain of Custody Present	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Number of Ice chests/packages	<u>1</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Samples received on Ice	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Type of Ice (Blue/Wet)	<u>Wet</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Temperature (4 +/- 2 Deg. C)	<u>2°C</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Mode of measurement (IR, Temp blank, Other)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Samples intact?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Leaking bottles?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Custody seals intact?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
COC properly completed?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Verification of bottle labels to match COC	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Preservation verification (pH paper, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Preserved at the lab?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Sample Volume sufficient?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Enough holding time for all tests?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Notify analysts of short holding time/rush	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Subcontract analysis?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

Discrepancies and Notifications

Description of problem: _____

Person Notified: _____ Phone #: _____ Date/time: _____

Instructions from client/resolution: _____

Description of problem: _____

Person Notified: _____ Phone #: _____ Date/time: _____

Instructions from client/resolution: _____

Sample receipt verification completed by (initials):

TU



Del Mar Analytical

2000 Alton Ave., Irvine, CA 92606 (949) 261-1022 FAX (949) 261-1025
 1014 E. Cook Suite A, Colton, CA 92324 (909) 370-4667 FAX (909) 370-1148
 16525 Sherman Way, Suite C-11, Van Nuys, CA 92406 (818) 779-1844 FAX (818) 779-1143
 9484 Chesapeake Dr., Suite 805, San Diego, CA 92123 (619) 505-9596 FAX (619) 505-9599
 9830 South 51st St., Suite B-120, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0047

City of Simi Valley, Water Quality Control Plant Project ID: Semi-annual Monitoring
 2929 Tapo Canyon Road SV Lab# 9442, Quarterly W12
 Simi Valley, CA 93063 Report Number: ILB0169
 Attention: Barbara Santos

Sampled: 02/05/02
 Received: 02/05/02

METHOD BLANK/QC DATA

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD RPD	RPD Limit	Data Qualifiers
Batch: 12B0675 Extracted: 02/06/02										
Blank Analyzed: 02/13/02 (12B0675-BLK1)										
Acenaphthene	ND	10	ug/l							
Acenaphthylene	ND	10	ug/l							
Aniline	ND	10	ug/l							
Anthracene	ND	10	ug/l							
Benzidine	ND	100	ug/l							
Benzoic acid	ND	100	ug/l							
Benzo(a)anthracene	ND	10	ug/l							
Benzo(b)fluoranthene	ND	10	ug/l							
Benzo(k)fluoranthene	ND	10	ug/l							
Benzo(g,h,i)perylene	ND	10	ug/l							
Benzo(a)pyrene	ND	10	ug/l							
Benzyl alcohol	ND	20	ug/l							
Bis(2-chloroethoxy)methane	ND	10	ug/l							
Bis(2-chloroethyl)ether	ND	10	ug/l							
Bis(2-chloroisopropyl)ether	ND	10	ug/l							
Bis(2-ethylhexyl)phthalate	ND	100	ug/l							
4-Bromophenyl phenyl ether	ND	10	ug/l							
Butyl benzyl phthalate	ND	20	ug/l							
4-Chloroaniline	ND	10	ug/l							
1-Chloronaphthalene	ND	10	ug/l							
1-Chloro-3-methylphenol	ND	20	ug/l							
2-Chlorophenol	ND	10	ug/l							
1-Chlorophenyl phenyl ether	ND	10	ug/l							
Chrysene	ND	10	ug/l							
Dibenz(a,h)anthracene	ND	20	ug/l							
Dibenzofuran	ND	10	ug/l							
Di-n-butyl phthalate	ND	20	ug/l							
1,3-Dichlorobenzene	ND	10	ug/l							
1,4-Dichlorobenzene	ND	10	ug/l							
1,2-Dichlorobenzene	ND	10	ug/l							
3,3-Dichlorobenzidine	ND	40	ug/l							
2,4-Dichlorophenol	ND	10	ug/l							
Diethyl phthalate	ND	10	ug/l							
2,4-Dimethylphenol	ND	20	ug/l							
Dimethyl phthalate	ND	10	ug/l							
4,6-Dinitro-2-methylphenol	ND	40	ug/l							

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, in whole or in part, without written permission from Del Mar Analytical.



Del Mar Analytical

2777 Alton Ave., Irvine, CA 92606 (949) 261-1622 FAX (949) 261-1623
 1014 E. Cook Suite A, Colton, CA 92324 (909) 570-4667 FAX (909) 570-4668
 16525 Sherman Way, Suite C-11, Van Nuys, CA 92406 (818) 779-1844 FAX (818) 779-1845
 9484 Chesapeake Dr., Suite 805 San Diego, CA 92123 (619) 505-9596 FAX (619) 505-9597
 9830 South 51st St., Suite B-120, Phoenix, AZ 85044 (480) 745-0043 FAX (480) 745-0044

City of Simi Valley, Water Quality Control Plant Project ID: Semi-annual Monitoring
 2929 Tapo Canyon Road SV Lab# 9442, Quarterly W12
 Simi Valley, CA 93063 Report Number: ILB0169
 Attention: Barbara Santos

Sampled: 02/05/02
 Received: 02/05/02

METHOD BLANK/QC DATA

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC Limits	RPD RPD	RPD Limit	Data Qualifiers
Batch: I2B0675 Extracted: 02/06/02									
Blank Analyzed: 02/13/02 (I2B0675-BLK1)									
4-Dinitrophenol	ND	100	ug/l						
2,4-Dinitrotoluene	ND	10	ug/l						
2,6-Dinitrotoluene	ND	10	ug/l						
Di-n-octyl phthalate	ND	40	ug/l						
Fluoranthene	ND	10	ug/l						
Fluorene	ND	10	ug/l						
Hexachlorobenzene	ND	10	ug/l						
Hexachlorobutadiene	ND	10	ug/l						
Hexachlorocyclopentadiene	ND	40	ug/l						
Hexachloroethane	ND	10	ug/l						
Indeno(1,2,3-cd)pyrene	ND	20	ug/l						
Isophorone	ND	10	ug/l						
1-Methylnaphthalene	ND	10	ug/l						
1-Methylphenol	ND	10	ug/l						
4-Methylphenol	ND	10	ug/l						
Naphthalene	ND	10	ug/l						
1-Nitroaniline	ND	20	ug/l						
3-Nitroaniline	ND	20	ug/l						
4-Nitroaniline	ND	100	ug/l						
1-Nitrobenzene	ND	40	ug/l						
1-Nitrophenol	ND	10	ug/l						
4-Nitrophenol	ND	100	ug/l						
1-Nitrosodiphenylamine	ND	10	ug/l						
1-Nitroso-di-n-propylamine	ND	10	ug/l						
Pentachlorophenol	ND	40	ug/l						
Phenanthrene	ND	10	ug/l						
Phenol	ND	10	ug/l						
Pyrene	ND	10	ug/l						
1,2,4-Trichlorobenzene	ND	10	ug/l						
1,4,5-Trichlorophenol	ND	20	ug/l						
1,2,4,6-Trichlorophenol	ND	20	ug/l						
1,2-Diphenylhydrazine/Azobenzene	ND	20	ug/l						
1-Nitrosodimethylamine	ND	20	ug/l						
Resol	ND	10	ug/l						
Surrogate: 2-Fluorophenol	119		ug/l	200		60	30-110		
Surrogate: Phenol-d6	136		ug/l	200		68	40-110		

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, in whole or in part, without written permission from Del Mar Analytical.

ILB0169 02/05/02 02/06/02



City of Simi Valley, Water Quality Control Plant Project ID: Semi-annual Monitoring
 2929 Tapo Canyon Road SV Lab# 9442, Quarterly W12
 Simi Valley, CA 93063 Report Number: ILB0169
 Attention: Barbara Santos

Sampled: 02/05/02
 Received: 02/05/02

METHOD BLANK/QC DATA

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result %REC	%REC Limits RPD	RPD Limit	Data Qualifiers
Batch: I2B0675 Extracted: 02/06/02								
Blank Analyzed: 02/13/02 (I2B0675-BLK1)								
Surrogate: 2,4,6-Tribromophenol	152		ug/l	200	76	55-140		
Surrogate: Nitrobenzene-d5	69.8		ug/l	100	70	40-110		
Surrogate: 2-Fluorobiphenyl	71.1		ug/l	100	71	40-120		
Surrogate: Terphenyl-d14	77.6		ug/l	100	78	55-160		
LCS Analyzed: 02/13/02 (I2B0675-BS1)								
Acenaphthene	96.1	10	ug/l	100	96	55-120		
Acenaphthylene	95.5	10	ug/l	100	96	55-120		
Aniline	74.1	10	ug/l	100	74	30-120		
Anthracene	97.3	10	ug/l	100	97	65-120		
Benimidine	ND	100	ug/l	100		10-200		L2
Benzoic acid	ND	100	ug/l	100	85	25-120		
Benzo(a)anthracene	94.2	10	ug/l	100	94	70-125		
Benzo(b)fluoranthene	94.3	10	ug/l	100	94	65-125		
Benzo(k)fluoranthene	100	10	ug/l	100	100	65-135		
Benzo(g,h,i)perylene	98.8	10	ug/l	100	99	25-150		
Benzo(a)pyrene	97.3	10	ug/l	100	97	70-125		
Benzyl alcohol	94.2	20	ug/l	100	94	45-120		
Bis(2-chloroethoxy)methane	87.5	10	ug/l	100	88	50-120		
Bis(2-chloroethyl)ether	84.3	10	ug/l	100	84	45-120		
Bis(2-chloroisopropyl)ether	85.9	10	ug/l	100	86	36-120		
Bis(2-ethylhexyl)phthalate	106	100	ug/l	100	106	65-140		
4-Bromophenyl phenyl ether	98.3	10	ug/l	100	98	55-120		
Phenyl benzyl phthalate	112	20	ug/l	100	112	70-135		
4-Chloroaniline	88.6	10	ug/l	100	89	25-120		
2-Chloronaphthalene	96.6	10	ug/l	100	97	60-118		
4-Chloro-3-methylphenol	86.7	20	ug/l	100	87	55-120		
2-Chlorophenol	83.9	10	ug/l	100	84	45-120		
4-Chlorophenyl phenyl ether	89.0	10	ug/l	100	89	60-120		
Chrysene	98.1	10	ug/l	100	98	70-130		
Dibenz(a,h)anthracene	105	20	ug/l	100	105	50-130		
Dibenzofuran	92.8	10	ug/l	100	93	55-120		
Di-n-butyl phthalate	93.4	20	ug/l	100	93	60-118		
1,1-Dichlorobenzene	80.3	10	ug/l	100	80	30-120		
1,2-Dichlorobenzene	69.6	10	ug/l	100	70	35-120		
1,2-Dichlorobenzene	75.6	10	ug/l	100	76	45-120		
1,2-Dichlorobenzidine	64.2	40	ug/l	100	64	35-145		

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager



City of Simi Valley, Water Quality Control Plant
 2929 Tapo Canyon Road
 Simi Valley, CA 93063
 Attention: Barbara Santos

Project ID: Semi-annual Monitoring
 SV Lab# 9442, Quarterly W12
 Report Number: ILB0169

Sampled: 02/05/02
 Received: 02/05/02

METHOD BLANK/QC DATA

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limits RPD	RPD Limit	Data Qualifiers
Batch: I2B0675 Extracted: 02/06/02									
LCS Analyzed: 02/13/02 (I2B0675-BS1)									
1,2-Dichlorophenol	86.7	10	ug/l	100	87	50-120			
Dimethyl phthalate	90.6	10	ug/l	100	91	65-114			
2,4-Dimethylphenol	71.0	20	ug/l	100	71	32-119			
Dimethyl phthalate	93.4	10	ug/l	100	93	65-112			
1,3-Dinitro-2-methylphenol	103	40	ug/l	100	103	65-125			
2,4-Dinitrophenol	ND	100	ug/l	100	87	40-125			
1,3-Dinitrotoluene	97.4	10	ug/l	100	97	65-120			
1,4-Dinitrotoluene	96.7	10	ug/l	100	97	65-120			
Di-n-octyl phthalate	87.1	40	ug/l	100	87	55-146			
Fluoranthene	94.2	10	ug/l	100	94	70-120			
Fluorene	89.5	10	ug/l	100	90	59-120			
Hexachlorobenzene	94.3	10	ug/l	100	94	60-120			
Hexachlorobutadiene	81.1	10	ug/l	100	81	35-116			
Hexachlorocyclopentadiene	73.3	40	ug/l	100	73	10-120			
Hexachloroethane	70.8	10	ug/l	100	71	40-113			
Indeno(1,2,3-cd)pyrene	104	20	ug/l	100	104	40-135			
Phorone	86.7	10	ug/l	100	87	50-120			
1-Methylnaphthalene	83.2	10	ug/l	100	83	55-120			
2-Methylphenol	84.9	10	ug/l	100	85	45-120			
1-Methylphenol	89.5	10	ug/l	100	90	45-120			
1,2,3-Naphthalene	86.0	10	ug/l	100	86	45-120			
2-Nitroaniline	99.4	20	ug/l	100	99	50-135			
3-Nitroaniline	92.0	20	ug/l	100	92	50-125			
4-Nitroaniline	ND	100	ug/l	100	85	55-140			
Nitrobenzene	90.5	40	ug/l	100	90	45-120			
2-Nitrophenol	93.2	10	ug/l	100	93	50-120			
1-Nitrophenol	ND	100	ug/l	100	78	50-132			
N-Nitrosodiphenylamine	102	10	ug/l	100	102	45-120			
n-Nitroso-di-n-propylamine	86.3	10	ug/l	100	86	45-125			
1,2,4-Trichlorophenol	107	40	ug/l	100	107	50-130			
Benanthrene	97.1	10	ug/l	100	97	65-120			
Phenol	78.5	10	ug/l	100	78	35-112			
Pyrene	114	10	ug/l	100	114	65-115			
1,2,4-Trichlorobenzene	82.4	10	ug/l	100	82	50-120			
2,4,5-Trichlorophenol	97.4	20	ug/l	100	97	55-120			
2,4,6-Trichlorophenol	104	20	ug/l	100	104	55-120			

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical.



City of Simi Valley, Water Quality Control Plant
 2929 Tapo Canyon Road
 Simi Valley, CA 93063
 Attention: Barbara Santos

Project ID: Semi-annual Monitoring
 SV Lab# 9442, Quarterly W12
 Report Number: ILB0169

Sampled: 02/05/02
 Received: 02/05/02

METHOD BLANK/QC DATA

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limit	RPD	RPD	Data Qualifiers
Batch: I2B0675 Extracted: 02/06/02										
LCS Analyzed: 02/13/02 (I2B0675-BS1)										
4,4'-Diphenylhydrazine/Azobenzene	89.3	20	ug/l	100		89	50-125			
Surrogate: 2-Fluorophenol	133		ug/l	200		66	30-110			
Surrogate: Phenol-d6	156		ug/l	200		78	40-110			
Surrogate: 2,4,6-Tribromophenol	188		ug/l	200		94	55-140			
Surrogate: Nitrobenzene-d5	83.7		ug/l	100		84	40-110			
Surrogate: 2-Fluorobiphenyl	90.8		ug/l	100		91	40-120			
Surrogate: Terphenyl-d14	104		ug/l	100		104	55-160			
LCS Dup Analyzed: 02/13/02 (I2B0675-BS1)										
Acenaphthene	94.3	10	ug/l	100		94	55-120	2	35	
Acenaphthylene	94.3	10	ug/l	100		94	55-120	1	20	
Aniline	86.3	10	ug/l	100		86	30-120	15	40	
Anthracene	91.9	10	ug/l	100		92	65-120	6	15	
Benzenzidine	101	100	ug/l	100		101	10-200		35	R-2
Benzoic acid	ND	100	ug/l	100		85	25-120	1	40	
Benzo(a)anthracene	93.3	10	ug/l	100		93	70-125	1	20	
Benzo(b)fluoranthene	93.0	10	ug/l	100		93	65-125	1	20	
Benzo(k)fluoranthene	103	10	ug/l	100		103	65-135	3	25	
Benzo(g,h,i)perylene	84.1	10	ug/l	100		84	25-150	16	25	
Benzo(a)pyrene	95.7	10	ug/l	100		96	70-125	2	15	
Benzyl alcohol	96.4	20	ug/l	100		96	45-120	2	25	
Bis(2-chloroethoxy)methane	87.9	10	ug/l	100		88	50-120	1	25	
Bis(2-chloroethyl)ether	86.8	10	ug/l	100		87	45-120	3	25	
Bis(2-chloroisopropyl)ether	89.2	10	ug/l	100		89	36-120	4	25	
Bis(2-ethylhexyl)phthalate	104	100	ug/l	100		104	65-140	2	15	
4-Bromophenyl phenyl ether	98.9	10	ug/l	100		99	55-120	1	20	
Benzyl benzyl phthalate	109	20	ug/l	100		109	70-135	3	15	
4-Chloroaniline	83.6	10	ug/l	100		84	25-120	6	50	
2-Chloronaphthalene	96.4	10	ug/l	100		96	60-118	0	25	
4-Chloro-3-methylphenol	84.1	20	ug/l	100		84	55-120	3	25	
2-Chlorophenol	85.9	10	ug/l	100		86	45-120	2	25	
4-Chlorophenyl phenyl ether	86.4	10	ug/l	100		86	60-120	3	20	
Chrysene	97.1	10	ug/l	100		97	70-130	1	10	
Benzo(a,h)anthracene	86.0	20	ug/l	100		86	50-130	20	15	R-7
2-Benzofuran	89.8	10	ug/l	100		90	55-120	3	25	
Di-n-butyl phthalate	86.6	20	ug/l	100		87	60-118	8	10	
1,2-Dichlorobenzene	85.5	10	ug/l	100		86	30-120	6	30	

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical.



City of Simi Valley, Water Quality Control Plant Project ID: Semi-annual Monitoring
 2929 Tapo Canyon Road SV Lab# 9442, Quarterly W12
 Simi Valley, CA 93063 Report Number: ILB0169
 Attention: Barbara Santos

Sampled: 02/05/02
 Received: 02/05/02

METHOD BLANK/QC DATA

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	RPD Limits RPD	RPD Limit	Data Qualifiers
Batch: I2B0675 Extracted: 02/06/02									
LCS Dup Analyzed: 02/13/02 (I2B0675-BSD1)									
1,1-Dichlorobenzene	71.5	10	ug/l	100	72	35-120	3	25	M-NRI
1,2-Dichlorobenzene	78.8	10	ug/l	100	79	45-120	4	25	
3,3-Dichlorobenzidine	72.7	40	ug/l	100	73	35-145	12	25	
2,4-Dichlorophenol	85.8	10	ug/l	100	86	50-120	1	25	
Dimethyl phthalate	85.8	10	ug/l	100	86	65-114	5	15	
2,4-Dimethylphenol	70.0	20	ug/l	100	70	32-119	1	30	
Dimethyl phthalate	90.1	10	ug/l	100	90	65-112	4	20	
4-Nitro-2-methylphenol	96.1	40	ug/l	100	96	65-125	7	20	
2,4-Dinitrophenol	ND	100	ug/l	100	79	40-125	10	30	
2,4-Dinitrotoluene	89.4	10	ug/l	100	89	65-120	9	20	
2,6-Dinitrotoluene	93.3	10	ug/l	100	93	65-120	4	20	
Di-n-octyl phthalate	87.5	40	ug/l	100	88	55-146	1	20	
Fluoranthene	82.9	10	ug/l	100	83	70-120	13	15	
Fluorene	86.2	10	ug/l	100	86	59-120	4	30	
Hexachlorobenzene	93.1	10	ug/l	100	93	60-120	1	15	
Hexachlorobutadiene	81.9	10	ug/l	100	82	35-116	1	25	
Hexachlorocyclopentadiene	80.2	40	ug/l	100	80	10-120	9	35	
Hexachloroethane	74.3	10	ug/l	100	74	40-113	5	25	
Indeno(1,2,3-cd)pyrene	89.5	20	ug/l	100	90	40-135	15	20	
Isophorone	85.2	10	ug/l	100	85	50-120	2	20	
2-Methylnaphthalene	79.9	10	ug/l	100	80	55-120	4	20	
2-Methylphenol	86.0	10	ug/l	100	86	45-120	1	25	
4-Methylphenol	91.0	10	ug/l	100	91	45-120	2	25	
Naphthalene	84.6	10	ug/l	100	85	45-120	2	25	
2-Nitroaniline	95.2	20	ug/l	100	95	50-135	4	15	
3-Nitroaniline	83.9	20	ug/l	100	84	50-125	9	20	
4-Nitroaniline	ND	100	ug/l	100	74	55-140	14	15	
Nitrobenzene	91.1	40	ug/l	100	91	45-120	1	25	
2-Nitrophenol	93.8	10	ug/l	100	94	50-120	1	50	
4-Nitrophenol	ND	100	ug/l	100	69	50-132	12	30	
Nitrosodiphenylamine	105	10	ug/l	100	105	45-120	3	20	
N-Nitroso-di-n-propylamine	88.0	10	ug/l	100	88	45-125	2	25	
2-Nitrochlorophenol	100	40	ug/l	100	100	50-130	7	45	
2-Nitroanthrene	91.5	10	ug/l	100	92	65-120	6	20	
Phenol	78.5	10	ug/l	100	78	35-112	0	25	
Pyrene	113	10	ug/l	100	113	65-115	1	15	

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager



City of Simi Valley, Water Quality Control Plant Project ID: Semi-annual Monitoring
 2929 Tapo Canyon Road SV Lab# 9442, Quarterly W12
 Simi Valley, CA 93063 Report Number: ILB0169
 Attention: Barbara Santos

Sampled: 02/05/02
 Received: 02/05/02

METHOD BLANK/QC DATA

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limit	RPD	RPD Limit	Data Qualifiers
<u>Batch: 12B0675 Extracted: 02/06/02</u>										
LCS Dup Analyzed: 02/13/02 (12B0675-BSD1)										
2,4-Trichlorobenzene	82.8	10	ug/l	100		83	50-120	1	25	M-NR1
2,4,5-Trichlorophenol	95.9	20	ug/l	100		96	55-120	2	35	
2,4,6-Trichlorophenol	103	20	ug/l	100		103	55-120	1	25	
2-Diphenylhydrazine/Azobenzene	83.0	20	ug/l	100		83	50-125	7	15	
Surrogate: 2-Fluorophenol	144		ug/l	200		72	30-110			
Surrogate: Phenol-d6	158		ug/l	200		79	40-110			
Surrogate: 2,4,6-Tribromophenol	189		ug/l	200		94	55-140			
Surrogate: Nitrobenzene-d5	84.9		ug/l	100		85	40-110			
Surrogate: 2-Fluorobiphenyl	90.5		ug/l	100		90	40-120			
Surrogate: Terphenyl-d14	102		ug/l	100		102	55-160			

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical.



City of Simi Valley, Water Quality Control Plant
 2929 Tapo Canyon Road
 Simi Valley, CA 93063
 Attention: Barbara Santos

Project ID: Semi-annual Monitoring
 SV Lab# 9442, Quarterly W12
 Report Number: ILB0169

Sampled: 02/05/02
 Received: 02/05/02

DATA QUALIFIERS AND DEFINITIONS

- C Calibration Verification recovery was above the method control limit for this analyte. Analyte not detected, data not impacted.
- L2 Laboratory Control Sample recovery was below method control limits. See Corrective Action Report.
- M-NR1 There was no MS/MSD analyzed with this batch due to insufficient sample volume. See Blank Spike/Blank Spike Duplicate.
- R-2 The RPD exceeded the method control limit. See Corrective Action Report.
- R-3 The RPD exceeded the method control limit due to sample matrix effects.
- R-7 LFB/LFBD RPD exceeded the method control limit. Recovery met acceptance criteria.
- ND Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.
- NR Not reported.
- RPD Relative Percent Difference

ADDITIONAL COMMENTS

For 1,2-Diphenylhydrazine:

The result for 1,2-Diphenylhydrazine is based upon the reading of its breakdown product, Azobenzene.

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

City of Simi Valley, Water Quality Control Plant Project ID: Semi-annual Monitoring
 2929 Tapo Canyon Road SV Lab# 9442, Quarterly W12
 Simi Valley, CA 93063 Report Number: ILB0169
 Attention: Barbara Santos Sampled: 02/05/02
 Received: 02/05/02

METHOD BLANK/QC DATA

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS (EPA 418.1)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC Limits	RPD RPD	RPD Limit	Data Qualifiers
Batch: I2B1252 Extracted: 02/12/02									
Blank Analyzed: 02/12/02 (I2B1252-BLK1)									
Total Recoverable Hydrocarbons	ND	1.0	mg/l						
LCS Analyzed: 02/12/02 (I2B1252-BS1)									
Total Recoverable Hydrocarbons	4.07	1.0	mg/l	5.00		81 80-120			M-NRI
LCS Dup Analyzed: 02/12/02 (I2B1252-BSD1)									
Total Recoverable Hydrocarbons	4.20	1.0	mg/l	5.00		84 80-120	3	15	M-NRI

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

City of Simi Valley, Water Quality Control Plant
 2929 Tapo Canyon Road
 Simi Valley, CA 93063
 Attention: Barbara Santos

Project ID: Semi-annual Monitoring
 SV Lab# 9441, Quarterly W11
 Report Number: ILB0170

Sampled: 02/05/02
 Received: 02/05/02

METHOD BLANK/QC DATA

METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limit RPD	RPD	Data Qualifiers
Batch: 12B0625 Extracted: 02/06/02									
Blank Analyzed: 02/11/02 (12B0625-BLK1)									
Arsenic	ND	0.0050	mg/l						
Cadmium	ND	0.0050	mg/l						
Chromium	ND	0.0050	mg/l						
Copper	ND	0.010	mg/l						
Lead	ND	0.0050	mg/l						
Nickel	ND	0.010	mg/l						
Zinc	ND	0.020	mg/l						
MS Analyzed: 02/11/02 (12B0625-BS1)									
Arsenic	0.516	0.0050	mg/l	0.500		103	85-115		
Cadmium	0.489	0.0050	mg/l	0.500		98	85-115		
Chromium	0.488	0.0050	mg/l	0.500		98	85-115		
Copper	0.470	0.010	mg/l	0.500		94	85-115		
Lead	0.480	0.0050	mg/l	0.500		96	85-115		
Nickel	0.474	0.010	mg/l	0.500		95	85-115		
Zinc	0.467	0.020	mg/l	0.500		93	85-115		
Matrix Spike Analyzed: 02/11/02 (12B0625-MS1) Source: ILB0121-01									
Arsenic	0.558	0.0050	mg/l	0.500	ND	111	70-130		
Cadmium	0.498	0.0050	mg/l	0.500	ND	100	70-130		
Chromium	0.498	0.0050	mg/l	0.500	ND	100	70-130		
Copper	0.510	0.010	mg/l	0.500	0.022	98	70-130		
Lead	0.481	0.0050	mg/l	0.500	ND	96	70-130		
Nickel	0.470	0.010	mg/l	0.500	ND	94	70-130		
Zinc	0.484	0.020	mg/l	0.500	ND	97	70-130		
Matrix Spike Dup Analyzed: 02/11/02 (12B0625-MSD1) Source: ILB0121-01									
Arsenic	0.552	0.0050	mg/l	0.500	ND	109	70-130	1	20
Cadmium	0.496	0.0050	mg/l	0.500	ND	99	70-130	0	20
Chromium	0.496	0.0050	mg/l	0.500	ND	99	70-130	0	20
Copper	0.506	0.010	mg/l	0.500	0.022	97	70-130	1	20
Lead	0.478	0.0050	mg/l	0.500	ND	96	70-130	1	20
Nickel	0.468	0.010	mg/l	0.500	ND	93	70-130	0	20
Zinc	0.481	0.020	mg/l	0.500	ND	96	70-130	1	20

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical.

City of Simi Valley, Water Quality Control Plant Project ID: Semi-annual Monitoring
 2929 Tapo Canyon Road SV Lab# 9441, Quarterly W11
 Simi Valley, CA 93063 Report Number: ILB0170
 Attention: Barbara Santos Sampled: 02/05/02
 Received: 02/05/02

METHOD BLANK/QC DATA

INORGANICS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	RPD Limits RPD	RPD Limit	Data Qualifiers
Batch: 12B0660 Extracted: 02/06/02									
Blank Analyzed: 02/06/02 (12B0660-BLK1)									
Surfactants (MBAS)	ND	0.10	mg/l						
LCS Analyzed: 02/06/02 (12B0660-BS1)									
Surfactants (MBAS)	0.247	0.10	mg/l	0.250		99	90-110		
Matrix Spike Analyzed: 02/06/02 (12B0660-MS1)									
Surfactants (MBAS)	0.238	0.10	mg/l	0.250	Source: ILB0121-01 ND	77	50-125		
Matrix Spike Dup Analyzed: 02/06/02 (12B0660-MSD1)									
Surfactants (MBAS)	0.306	0.10	mg/l	0.250	Source: ILB0121-01 ND	104	50-125	25	20 R-3
Batch: 12B1285 Extracted: 02/12/02									
Blank Analyzed: 02/12/02 (12B1285-BLK1)									
Oil & Grease	ND	5.0	mg/l						
LCS Analyzed: 02/12/02 (12B1285-BS1)									
Oil & Grease	19.5	5.0	mg/l	20.0		98	80-120		
LCS Dup Analyzed: 02/12/02 (12B1285-BSD1)									
Oil & Grease	19.8	5.0	mg/l	20.0		99	80-120	2	20 M-NRI

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical.



Client: Del Mar Analytical
Project Name: ILB0170

QC Report Date: Monday, February 25, 2002
Project #:

QUALITY CONTROL REPORT

Table with columns: QC Lab#, TestGroup, Parameter, Sample Result, QC Result, Units, Amt. Added/True Value, %R or RPD, %RPD for MSD, Low Limit, High Limit. Contains multiple rows of data for various chemical parameters and their results.

Note:

ND = Not Detected MS = Matrix Spike MSD = Matrix Spike Duplicate SURR = Surrogate
BL = Blank DUP = Duplicate RPD = Relative Percent Deviation LCS = Laboratory Control Standard



Client: Del Mar Analytical
Project Name: ILB0170

QC Report Date: Monday, February 25, 2002
Project #:

QUALITY CONTROL REPORT

Table with columns: QC Lab#, TestGroup, Parameter, Sample Result, QC Result, Units, Amt. Added/True Value, %R or RPD, %RPD for MSD, Low Limit, High Limit. Rows include various chemical tests like Endosulfan sulfate, Endrin, gamma-BHC, etc.

Note:

ND = Not Detected MS = Matrix Spike MSD = Matrix Spike Duplicate SURR = Surrogate
BL = Blank DUP = Duplicate RPD = Relative Percent Deviation LCS = Laboratory Control Standard



Client: Del Mar Analytical
Project Name: ILB0170

QC Report Date: Monday, February 25, 2002
Project #:

QUALITY CONTROL REPORT

QC Lab#	TestGroup	Parameter	Sample Result	QC Result	Units	Amt. Added/ True Value	%R or RPD	%RPD for MSD	Low Limit	High Limit
LCS	508_ics	Heptachlor epoxide		0.120	ug/L	0.1	120		53	128
LCS	508_ics	Methoxychlor		0.147	ug/L	0.1	147		64	148
		<i>QC Notes: high bias, samples not detected</i>								
Method Blank	508_bl	4,4'-DDD		ND	ug/L			0		0.02
Method Blank	508_bl	4,4'-DDE		ND	ug/L			0		0.01
Method Blank	508_bl	4,4'-DDT		ND	ug/L			0		0.02
Method Blank	508_bl	Aldrin		ND	ug/L			0		0.075
Method Blank	508_bl	alpha-BHC		ND	ug/L			0		0.05
Method Blank	508_bl	Aroclor-1016		ND	ug/L			0		0.1
Method Blank	508_bl	Aroclor-1221		ND	ug/L			0		0.1
Method Blank	508_bl	Aroclor-1232		ND	ug/L			0		0.1
Method Blank	508_bl	Aroclor-1242		ND	ug/L			0		0.1
Method Blank	508_bl	Aroclor-1248		ND	ug/L			0		0.1
Method Blank	508_bl	Aroclor-1254		ND	ug/L			0		0.1
Method Blank	508_bl	Aroclor-1260		ND	ug/L			0		0.1
Method Blank	508_bl	beta-BHC		ND	ug/L			0		0.05
Method Blank	508_bl	Chlordane		ND	ug/L			0		0.1
Method Blank	508_bl	Chlorothalonil		ND	ug/L			0		5
Method Blank	508_bl	delta-BHC		ND	ug/L			0		0.5
Method Blank	508_bl	Dieldrin		ND	ug/L			0		0.02
Method Blank	508_bl	Endosulfan I		ND	ug/L			0		0.02
Method Blank	508_bl	Endosulfan II		ND	ug/L			0		0.01
Method Blank	508_bl	Endosulfan sulfate		ND	ug/L			0		0.05
Method Blank	508_bl	Endrin		ND	ug/L			0		0.1
Method Blank	508_bl	Endrin aldehyde		ND	ug/L			0		0.05
Method Blank	508_bl	gamma-BHC (lindane)		ND	ug/L			0		0.2
Method Blank	508_bl	Heptachlor		ND	ug/L			0		0.01
Method Blank	508_bl	Heptachlor epoxide		ND	ug/L			0		0.01
Method Blank	508_bl	Hexachlorobenzene		ND	ug/L			0		0.5
Method Blank	508_bl	Methoxychlor		ND	ug/L			0		10
Method Blank	508_bl	Propachlor		ND	ug/L			0		0.5
Method Blank	508_bl	Toxaphene		ND	ug/L			0		1
Method Blank	508_bl	Trifluralin		ND	ug/L			0		0.01

Note:

ND = Not Detected MS = Matrix Spike MSD = Matrix Spike Duplicate SURR = Surrogate
BL = Blank DUP = Duplicate RPD = Relative Percent Deviation LCS = Laboratory Control Standard



Client: Del Mar Analytical
Project Name: ILB0170

QC Report Date: Monday, February 25, 2002
Project #:

QUALITY CONTROL REPORT

QC Lab#	TestGroup	Parameter	Sample Result	QC Result	Units	Amt. Added/ True Value	%R or RPD	%RPD for MSD	Low Limit	High Limit
Worksheet #:	Lab#:	Test Name			Analyzed Date					
WS31568	A200858-001	Organochlorine Pesticides by L-L extract								
WS31568	A200859-001	Organochlorine Pesticides by L-L extract								
WS31568	A200860-001	Organochlorine Pesticides by L-L extract								
WS31568	A200895-007	Organochlorine Pesticides by L-L extract								
WS31568	A200895-008	Organochlorine Pesticides by L-L extract								
WS31568	A200895-011	Organochlorine Pesticides by L-L extract								
WS31568	A200895-012	Organochlorine Pesticides by L-L extract								
WS31568	A200923-002	Organochlorine Pesticides by L-L extract								

Note:

ND = Not Detected MS = Matrix Spike MSD = Matrix Spike Duplicate SURR = Surrogate
 BL = Blank DUP = Duplicate RPD = Relative Percent Deviation LCS = Laboratory Control Standard



Client: Del Mar Analytical
Project Name: ILB0170

QC Report Date: Monday, February 25, 2002
Project #:

QUALITY CONTROL REPORT

Table with columns: QC Lab#, TestGroup, Parameter, Sample Result, QC Result, Units, Amt. Added/True Value, %R or RPD, %RPD for MSD, Low Limit, High Limit. Includes data for various pesticides and a note about matrix effect.

Note:

ND = Not Detected MS = Matrix Spike MSD = Matrix Spike Duplicate SURR = Surrogate
BL = Blank DUP = Duplicate RPD = Relative Percent Deviation LCS = Laboratory Control Standard



Client: Del Mar Analytical
Project Name: ILB0170

QC Report Date: Monday, February 25, 2002
Project #:

QUALITY CONTROL REPORT

QC Lab#	TestGroup	Parameter	Sample Result	QC Result	Units	Amt. Added/ True Value	%R or RPD	%RPD for MSD	Low Limit	High Limit
LCS	507_ics	Metolachlor		2.28	ug/L	2	113.9		34	138
LCS	507_ics	Metribuzin		2.19	ug/L	2	109.5		44	132
LCS	507_ics	Molinate		ND	ug/L	1	100.6		24	163
LCS	507_ics	Prometryn		ND	ug/L	1	121		21	160
LCS	507_ics	Simazine		1.08	ug/L	1	105.9		29	162
LCS	507_ics	Thiobencarb		4.54	ug/L	4	113.4		33	154
Method Blank	507_bl	Alachlor		ND	ug/L		0			1
Method Blank	507_bl	Atrazine		ND	ug/L		0			1
Method Blank	507_bl	Bromacil		ND	ug/L		0			10
Method Blank	507_bl	Butachlor		ND	ug/L		0			0.38
Method Blank	507_bl	Diazinon		ND	ug/L		0			0.25
Method Blank	507_bl	Dimethoate		ND	ug/L		0			10
Method Blank	507_bl	Metolachlor		ND	ug/L		0			0.5
Method Blank	507_bl	Metribuzin		ND	ug/L		0			0.5
Method Blank	507_bl	Molinate		ND	ug/L		0			2
Method Blank	507_bl	Prometon		ND	ug/L		0			1
Method Blank	507_bl	Prometryn		ND	ug/L		0			2
Method Blank	507_bl	Simazine		ND	ug/L		0			1
Method Blank	507_bl	Thiobencarb		ND	ug/L		0			1

Worksheet #:	Lab#:	Test Name	Analyzed Date
WS31569	A200858-001	Triazine pesticides in drinking water	2/20/2002
WS31569	A200859-001	Triazine pesticides in drinking water	2/20/2002
WS31569	A200860-001	Triazine pesticides in drinking water	2/20/2002
WS31569	A200882-001	Triazine pesticides in drinking water	2/20/2002
WS31569	A200882-002	Triazine pesticides in drinking water	2/20/2002
WS31569	A200882-003	Triazine pesticides in drinking water	2/20/2002
WS31569	A200883-001	Triazine pesticides in drinking water	2/20/2002
WS31569	A200883-002	Triazine pesticides in drinking water	2/20/2002

Note:

ND = Not Detected MS = Matrix Spike MSD = Matrix Spike Duplicate SURR = Surrogate
 BL = Blank DUP = Duplicate RPD = Relative Percent Deviation LCS = Laboratory Control Standard

City of Simi Valley, Water Quality Control Plant Project ID: Semi-annual Monitoring
 2929 Tapo Canyon Road SV Lab# 9441, Quarterly W11
 Simi Valley, CA 93063 Report Number: ILB0170
 Attention: Barbara Santos

Sampled: 02/05/02
 Received: 02/05/02

METHOD BLANK/QC DATA

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	RPD Limits RPD	RPD Limit	Data Qualifiers
Batch: I2B0675 Extracted: 02/06/02									
Blank Analyzed: 02/13/02 (I2B0675-BLK1)									
Acenaphthene	ND	10	ug/l						
Acenaphthylene	ND	10	ug/l						
Aniline	ND	10	ug/l						
Anthracene	ND	10	ug/l						
Benzenzidine	ND	100	ug/l						
Benzoic acid	ND	100	ug/l						
Benzo(a)anthracene	ND	10	ug/l						
Benzo(b)fluoranthene	ND	10	ug/l						
Benzo(k)fluoranthene	ND	10	ug/l						
Benzo(g,h,i)perylene	ND	10	ug/l						
Benzo(a)pyrene	ND	10	ug/l						
Benzyl alcohol	ND	20	ug/l						
Bis(2-chloroethoxy)methane	ND	10	ug/l						
Bis(2-chloroethyl)ether	ND	10	ug/l						
Bis(2-chloroisopropyl)ether	ND	10	ug/l						
Bis(2-ethylhexyl)phthalate	ND	100	ug/l						
4-Bromophenyl phenyl ether	ND	10	ug/l						
Butyl benzyl phthalate	ND	20	ug/l						
1-Chloroaniline	ND	10	ug/l						
2-Chloronaphthalene	ND	10	ug/l						
1-Chloro-3-methylphenol	ND	20	ug/l						
1-Chlorophenol	ND	10	ug/l						
4-Chlorophenyl phenyl ether	ND	10	ug/l						
Chrysene	ND	10	ug/l						
1,2,3,4-Dibenz(a,h)anthracene	ND	20	ug/l						
Dibenzofuran	ND	10	ug/l						
Di-n-butyl phthalate	ND	20	ug/l						
1,3-Dichlorobenzene	ND	10	ug/l						
1,4-Dichlorobenzene	ND	10	ug/l						
1,2-Dichlorobenzene	ND	10	ug/l						
1,3-Dichlorobenzidine	ND	40	ug/l						
1,4-Dichlorophenol	ND	10	ug/l						
Diethyl phthalate	ND	10	ug/l						
2,4-Dimethylphenol	ND	20	ug/l						
Dimethyl phthalate	ND	10	ug/l						
4,6-Dinitro-2-methylphenol	ND	40	ug/l						

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical.

City of Simi Valley, Water Quality Control Plant Project ID: Semi-annual Monitoring
 2929 Tapo Canyon Road SV Lab# 9441, Quarterly W11
 Simi Valley, CA 93063 Report Number: ILB0170
 Attention: Barbara Santos

Sampled: 02/05/02
 Received: 02/05/02

METHOD BLANK/QC DATA

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	RPD Limits RPD	RPD Limit	Data Qualifiers
Batch: I2B0675 Extracted: 02/06/02									
Blank Analyzed: 02/13/02 (I2B0675-BLK1)									
2,4-Dinitrophenol	ND	100	ug/l						
4-Dinitrotoluene	ND	10	ug/l						
2,6-Dinitrotoluene	ND	10	ug/l						
Di-n-octyl phthalate	ND	40	ug/l						
Fluoranthene	ND	10	ug/l						
Fluorene	ND	10	ug/l						
Hexachlorobenzene	ND	10	ug/l						
Hexachlorobutadiene	ND	10	ug/l						
Hexachlorocyclopentadiene	ND	40	ug/l						
Hexachloroethane	ND	10	ug/l						
Indeno(1,2,3-cd)pyrene	ND	20	ug/l						
Isophorone	ND	10	ug/l						
2-Methylnaphthalene	ND	10	ug/l						
2-Methylphenol	ND	10	ug/l						
4-Methylphenol	ND	10	ug/l						
1,2,3,4-Tetrahydronaphthalene	ND	10	ug/l						
2-Nitroaniline	ND	20	ug/l						
4-Nitroaniline	ND	20	ug/l						
3-Nitroaniline	ND	100	ug/l						
Nitrobenzene	ND	40	ug/l						
2-Nitrophenol	ND	10	ug/l						
4-Nitrophenol	ND	100	ug/l						
n-Nitrosodiphenylamine	ND	10	ug/l						
n-Nitroso-di-n-propylamine	ND	10	ug/l						
2,4,6-Trichlorophenol	ND	40	ug/l						
Phenanthrene	ND	10	ug/l						
Phenol	ND	10	ug/l						
Pyrene	ND	10	ug/l						
1,2,4-Trichlorobenzene	ND	10	ug/l						
2,4,5-Trichlorophenol	ND	20	ug/l						
1,1,1-Trichloroethane	ND	20	ug/l						
1,2-Diphenylhydrazine/Azobenzene	ND	20	ug/l						
n-Nitrosodimethylamine	ND	20	ug/l						
Cresol	ND	10	ug/l						
Surrogate: 2-Fluorophenol	119		ug/l	200		60	30-110		
Surrogate: Phenol-d6	136		ug/l	200		68	40-110		

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical.

City of Simi Valley, Water Quality Control Plant Project ID: Semi-annual Monitoring
 2929 Tapo Canyon Road SV Lab# 9441, Quarterly W11
 Simi Valley, CA 93063 Report Number: ILB0170
 Attention: Barbara Santos

Sampled: 02/05/02
 Received: 02/05/02

METHOD BLANK/QC DATA

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limit RPD	RPD	Data Qualifiers
Batch: 12B0675 Extracted: 02/06/02									
Blank Analyzed: 02/13/02 (12B0675-BLK1)									
Surrogate: 2,4,6-Tribromophenol	152		ug/l	200		76	55-140		
Surrogate: Nitrobenzene-d5	69.8		ug/l	100		70	40-110		
Surrogate: 2-Fluorobiphenyl	71.1		ug/l	100		71	40-120		
Surrogate: Terphenyl-d14	77.6		ug/l	100		78	55-160		
ICS Analyzed: 02/13/02 (12B0675-BS1)									
Acenaphthene	96.1	10	ug/l	100		96	55-120		
Acenaphthylene	95.5	10	ug/l	100		96	55-120		
Aniline	74.1	10	ug/l	100		74	30-120		
Anthracene	97.3	10	ug/l	100		97	65-120		
Benzidine	ND	100	ug/l	100			10-200		L2
Benzoic acid	ND	100	ug/l	100		85	25-120		
Benzo(a)anthracene	94.2	10	ug/l	100		94	70-125		
Benzo(b)fluoranthene	94.3	10	ug/l	100		94	65-125		
Benzo(k)fluoranthene	100	10	ug/l	100		100	65-135		
Benzo(g,h,i)perylene	98.8	10	ug/l	100		99	25-150		
Benzo(a)pyrene	97.3	10	ug/l	100		97	70-125		
Benzyl alcohol	94.2	20	ug/l	100		94	45-120		
Bis(2-chloroethoxy)methane	87.5	10	ug/l	100		88	50-120		
Bis(2-chloroethyl)ether	84.3	10	ug/l	100		84	45-120		
Bis(2-chloroisopropyl)ether	85.9	10	ug/l	100		86	36-120		
Bis(2-ethylhexyl)phthalate	106	100	ug/l	100		106	65-140		
Bromophenyl phenyl ether	98.3	10	ug/l	100		98	55-120		
Butyl benzyl phthalate	112	20	ug/l	100		112	70-135		
Chloroaniline	88.6	10	ug/l	100		89	25-120		
Chloronaphthalene	96.6	10	ug/l	100		97	60-118		
4-Chloro-3-methylphenol	86.7	20	ug/l	100		87	55-120		
Chlorophenol	83.9	10	ug/l	100		84	45-120		
Chlorophenyl phenyl ether	89.0	10	ug/l	100		89	60-120		
Chrysene	98.1	10	ug/l	100		98	70-130		
Dibenz(a,h)anthracene	105	20	ug/l	100		105	50-130		
Indenzofuran	92.8	10	ug/l	100		93	55-120		
Di-n-butyl phthalate	93.4	20	ug/l	100		93	60-118		
1,3-Dichlorobenzene	80.3	10	ug/l	100		80	30-120		
1,4-Dichlorobenzene	69.6	10	ug/l	100		70	35-120		
1,2-Dichlorobenzene	75.6	10	ug/l	100		76	45-120		
3,3-Dichlorobenzidine	64.2	40	ug/l	100		64	35-145		

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical.

City of Simi Valley, Water Quality Control Plant Project ID: Semi-annual Monitoring
 2929 Tapo Canyon Road SV Lab# 9441, Quarterly W11
 Simi Valley, CA 93063 Report Number: ILB0170
 Attention: Barbara Santos

Sampled: 02/05/02
 Received: 02/05/02

METHOD BLANK/QC DATA

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD RPD	RPD Limit	Data Qualifiers
<u>Batch: I2B0675 Extracted: 02/06/02</u>										
LCS Analyzed: 02/13/02 (I2B0675-BS1)										
2,4-Dichlorophenol	86.7	10	ug/l	100		87	50-120			
Diethyl phthalate	90.6	10	ug/l	100		91	65-114			
2,4-Dimethylphenol	71.0	20	ug/l	100		71	32-119			
Dimethyl phthalate	93.4	10	ug/l	100		93	65-112			
2,6-Dinitro-2-methylphenol	103	40	ug/l	100		103	65-125			
2,4-Dinitrophenol	ND	100	ug/l	100		87	40-125			
2,4-Dinitrotoluene	97.4	10	ug/l	100		97	65-120			
2,6-Dinitrotoluene	96.7	10	ug/l	100		97	65-120			
2-n-octyl phthalate	87.1	40	ug/l	100		87	55-146			
Fluoranthene	94.2	10	ug/l	100		94	70-120			
Fluorene	89.5	10	ug/l	100		90	59-120			
Hexachlorobenzene	94.3	10	ug/l	100		94	60-120			
Hexachlorobutadiene	81.1	10	ug/l	100		81	35-116			
Hexachlorocyclopentadiene	73.3	40	ug/l	100		73	10-120			
Hexachloroethane	70.8	10	ug/l	100		71	40-113			
Indeno(1,2,3-cd)pyrene	104	20	ug/l	100		104	40-135			
Isophorone	86.7	10	ug/l	100		87	50-120			
Methylnaphthalene	83.2	10	ug/l	100		83	55-120			
Methylphenol	84.9	10	ug/l	100		85	45-120			
4-Methylphenol	89.5	10	ug/l	100		90	45-120			
Naphthalene	86.0	10	ug/l	100		86	45-120			
1-Nitroaniline	99.4	20	ug/l	100		99	50-135			
3-Nitroaniline	92.0	20	ug/l	100		92	50-125			
4-Nitroaniline	ND	100	ug/l	100		85	55-140			
Nitrobenzene	90.5	40	ug/l	100		90	45-120			
Nitrophenol	93.2	10	ug/l	100		93	50-120			
4-Nitrophenol	ND	100	ug/l	100		78	50-132			
Nitrosodiphenylamine	102	10	ug/l	100		102	45-120			
Nitroso-di-n-propylamine	86.3	10	ug/l	100		86	45-125			
Pentachlorophenol	107	40	ug/l	100		107	50-130			
Phenanthrene	97.1	10	ug/l	100		97	65-120			
Phenol	78.5	10	ug/l	100		78	35-112			
Pyrene	114	10	ug/l	100		114	65-115			
1,2,4-Trichlorobenzene	82.4	10	ug/l	100		82	50-120			
2,4,5-Trichlorophenol	97.4	20	ug/l	100		97	55-120			
2,4,6-Trichlorophenol	104	20	ug/l	100		104	55-120			

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical.

City of Simi Valley, Water Quality Control Plant Project ID: Semi-annual Monitoring
 2929 Tapo Canyon Road SV Lab# 9441, Quarterly W11
 Simi Valley, CA 93063 Report Number: ILB0170
 Attention: Barbara Santos

Sampled: 02/05/02
 Received: 02/05/02

METHOD BLANK/QC DATA

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limit	RPD	RPD Limit	Data Qualifiers
Batch: I2B0675 Extracted: 02/06/02										
LCS Analyzed: 02/13/02 (I2B0675-BS1)										
1,2-Diphenylhydrazine/Azobenzene	89.3	20	ug/l	100		89	50-125			
Surrogate: 2-Fluorophenol	133		ug/l	200		66	30-110			
Surrogate: Phenol-d6	156		ug/l	200		78	40-110			
Surrogate: 2,4,6-Tribromophenol	188		ug/l	200		94	55-140			
Surrogate: Nitrobenzene-d5	83.7		ug/l	100		84	40-110			
Surrogate: 2-Fluorobiphenyl	90.8		ug/l	100		91	40-120			
Surrogate: Terphenyl-d14	104		ug/l	100		104	55-160			
LCS Dup Analyzed: 02/13/02 (I2B0675-BSD1)										
Acenaphthene	94.3	10	ug/l	100		94	55-120	2	35	M-NR1
Acenaphthylene	94.3	10	ug/l	100		94	55-120	1	20	
Aniline	86.3	10	ug/l	100		86	30-120	15	40	
Anthracene	91.9	10	ug/l	100		92	65-120	6	15	
Benzidine	101	100	ug/l	100		101	10-200		35	R-2
Benzoic acid	ND	100	ug/l	100		85	25-120	1	40	
Benzo(a)anthracene	93.3	10	ug/l	100		93	70-125	1	20	
Benzo(b)fluoranthene	93.0	10	ug/l	100		93	65-125	1	20	
Benzo(k)fluoranthene	103	10	ug/l	100		103	65-135	3	25	
Benzo(g,h,i)perylene	84.1	10	ug/l	100		84	25-150	16	25	
Benzo(a)pyrene	95.7	10	ug/l	100		96	70-125	2	15	
Benzyl alcohol	96.4	20	ug/l	100		96	45-120	2	25	
Bis(2-chloroethoxy)methane	87.9	10	ug/l	100		88	50-120	1	25	
Bis(2-chloroethyl)ether	86.8	10	ug/l	100		87	45-120	3	25	
Bis(2-chloroisopropyl)ether	89.2	10	ug/l	100		89	36-120	4	25	
Bis(2-ethylhexyl)phthalate	104	100	ug/l	100		104	65-140	2	15	
2-Bromophenyl phenyl ether	98.9	10	ug/l	100		99	55-120	1	20	
Butyl benzyl phthalate	109	20	ug/l	100		109	70-135	3	15	
4-Chloroaniline	83.6	10	ug/l	100		84	25-120	6	50	
1-Chloronaphthalene	96.4	10	ug/l	100		96	60-118	0	25	
4-Chloro-3-methylphenol	84.1	20	ug/l	100		84	55-120	3	25	
2-Chlorophenol	85.9	10	ug/l	100		86	45-120	2	25	
1-Chlorophenyl phenyl ether	86.4	10	ug/l	100		86	60-120	3	20	
Chrysene	97.1	10	ug/l	100		97	70-130	1	10	
Dibenz(a,h)anthracene	86.0	20	ug/l	100		86	50-130	20	15	R-7
2-Benzofuran	89.8	10	ug/l	100		90	55-120	3	25	
n-Butyl phthalate	86.6	20	ug/l	100		87	60-118	8	10	
1,3-Dichlorobenzene	85.5	10	ug/l	100		86	30-120	6	30	

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical.

City of Simi Valley, Water Quality Control Plant
 2929 Tapo Canyon Road
 Simi Valley, CA 93063
 Attention: Barbara Santos

Project ID: Semi-annual Monitoring
 SV Lab# 9441, Quarterly W11
 Report Number: ILB0170

Sampled: 02/05/02
 Received: 02/05/02

METHOD BLANK/QC DATA

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD RPD	RPD Limit	Data Qualifiers
Batch: I2B0675 Extracted: 02/06/02										
ECS Dup Analyzed: 02/13/02 (I2B0675-BSD1)										
1,4-Dichlorobenzene	71.5	10	ug/l	100		72	35-120	3	25	M-NR1
1,2-Dichlorobenzene	78.8	10	ug/l	100		79	45-120	4	25	
1,3-Dichlorobenzidine	72.7	40	ug/l	100		73	35-145	12	25	
2,4-Dichlorophenol	85.8	10	ug/l	100		86	50-120	1	25	
Dimethyl phthalate	85.8	10	ug/l	100		86	65-114	5	15	
1,2-Dimethylphenol	70.0	20	ug/l	100		70	32-119	1	30	
Dimethyl phthalate	90.1	10	ug/l	100		90	65-112	4	20	
4,6-Dinitro-2-methylphenol	96.1	40	ug/l	100		96	65-125	7	20	
1,3-Dinitrophenol	ND	100	ug/l	100		79	40-125	10	30	
2,4-Dinitrotoluene	89.4	10	ug/l	100		89	65-120	9	20	
2,6-Dinitrotoluene	93.3	10	ug/l	100		93	65-120	4	20	
Di-n-octyl phthalate	87.5	40	ug/l	100		88	55-146	1	20	
Fluoranthene	82.9	10	ug/l	100		83	70-120	13	15	
Fluorene	86.2	10	ug/l	100		86	59-120	4	30	
Hexachlorobenzene	93.1	10	ug/l	100		93	60-120	1	15	
Hexachlorobutadiene	81.9	10	ug/l	100		82	35-116	1	25	
Hexachlorocyclopentadiene	80.2	40	ug/l	100		80	10-120	9	35	
Hexachloroethane	74.3	10	ug/l	100		74	40-113	5	25	
Benzo(1,2,3-cd)pyrene	89.5	20	ug/l	100		90	40-135	15	20	
Isophorone	85.2	10	ug/l	100		85	50-120	2	20	
2-Methylnaphthalene	79.9	10	ug/l	100		80	55-120	4	20	
1-Methylphenol	86.0	10	ug/l	100		86	45-120	1	25	
4-Methylphenol	91.0	10	ug/l	100		91	45-120	2	25	
Naphthalene	84.6	10	ug/l	100		85	45-120	2	25	
1-Nitroaniline	95.2	20	ug/l	100		95	50-135	4	15	
3-Nitroaniline	83.9	20	ug/l	100		84	50-125	9	20	
4-Nitroaniline	ND	100	ug/l	100		74	55-140	14	15	
Nitrobenzene	91.1	40	ug/l	100		91	45-120	1	25	
2-Nitrophenol	93.8	10	ug/l	100		94	50-120	1	50	
4-Nitrophenol	ND	100	ug/l	100		69	50-132	12	30	
N-Nitrosodiphenylamine	105	10	ug/l	100		105	45-120	3	20	
N-Nitroso-di-n-propylamine	88.0	10	ug/l	100		88	45-125	2	25	
Pentachlorophenol	100	40	ug/l	100		100	50-130	7	45	
Phenanthrene	91.5	10	ug/l	100		92	65-120	6	20	
Phenol	78.5	10	ug/l	100		78	35-112	0	25	
Styrene	113	10	ug/l	100		113	65-115	1	15	

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical.

City of Simi Valley, Water Quality Control Plant
 2929 Tapo Canyon Road
 Simi Valley, CA 93063
 Attention: Barbara Santos

Project ID: Semi-annual Monitoring
 SV Lab# 9441, Quarterly W11
 Report Number: ILB0170

Sampled: 02/05/02
 Received: 02/05/02

METHOD BLANK/QC DATA

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<u>Batch: I2B0675 Extracted: 02/06/02</u>										
LCS Dup Analyzed: 02/13/02 (I2B0675-BSD1) M-NR1										
1,2,4-Trichlorobenzene	82.8	10	ug/l	100		83	50-120	1	25	
1,3,5-Trichlorophenol	95.9	20	ug/l	100		96	55-120	2	35	
1,2,6-Trichlorophenol	103	20	ug/l	100		103	55-120	1	25	
1,2-Diphenylhydrazine/Azobenzene	83.0	20	ug/l	100		83	50-125	7	15	
Surrogate: 2-Fluorophenol	144		ug/l	200		72	30-110			
Surrogate: Phenol-d6	158		ug/l	200		79	40-110			
Surrogate: 2,4,6-Tribromophenol	189		ug/l	200		94	55-140			
Surrogate: Nitrobenzene-d5	84.9		ug/l	100		85	40-110			
Surrogate: 2-Fluorobiphenyl	90.5		ug/l	100		90	40-120			
Surrogate: Terphenyl-d14	102		ug/l	100		102	55-160			

Del Mar Analytical, Irvine
 Nichel Parker
 Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical.

City of Simi Valley, Water Quality Control Plant Project ID: Semi-annual Monitoring
929 Tapo Canyon Road SV Lab# 9441, Quarterly W11
Simi Valley, CA 93063 Report Number: ILB0170
Attention: Barbara Santos

Sampled: 02/05/02
Received: 02/05/02

DATA QUALIFIERS AND DEFINITIONS

Calibration Verification recovery was above the method control limit for this analyte. Analyte not detected, data not impacted.

L2 Laboratory Control Sample recovery was below method control limits. See Corrective Action Report.

NR1 There was no MS/MSD analyzed with this batch due to insufficient sample volume. See Blank Spike/Blank Spike Duplicate.

R-2 The RPD exceeded the method control limit. See Corrective Action Report.

R-3 The RPD exceeded the method control limit due to sample matrix effects.

R-7 LFB/LFBD RPD exceeded the method control limit. Recovery met acceptance criteria.

ND Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.

R Not reported.

RPD Relative Percent Difference

ADDITIONAL COMMENTS

For 1,2-Diphenylhydrazine:

The result for 1,2-Diphenylhydrazine is based upon the reading of its breakdown product, Azobenzene.

Del Mar Analytical, Irvine
Michael Parker
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical.

City of Simi Valley, Water Quality Control Plant Project ID: Semi-annual Monitoring
 2929 Tapo Canyon Road SV Lab# 9441, Quarterly W11
 Simi Valley, CA 93063 Report Number: ILB0170
 Attention: Barbara Santos

Sampled: 02/05/02
 Received: 02/05/02

METHOD BLANK/QC DATA

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS (EPA 418.1)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC Limits	RPD RPD	RPD Limit	Data Qualifiers
Batch: I2B1252 Extracted: 02/12/02									
Blank Analyzed: 02/12/02 (I2B1252-BLK1)									
Total Recoverable Hydrocarbons	ND	1.0	mg/l						
CS Analyzed: 02/12/02 (I2B1252-BS1)									
Total Recoverable Hydrocarbons	4.07	1.0	mg/l	5.00		81 80-120			M-NRI
CS Dup Analyzed: 02/12/02 (I2B1252-BSD1)									
Total Recoverable Hydrocarbons	4.20	1.0	mg/l	5.00		84 80-120	3	15	M-NRI

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical.

CORRECTIVE ACTION REPORT

Department: Extractions
Method: EPA 625/EPA 8270C
QC Batch: I2B0675

Date: 2/13/02
Matrix: Water

Identification and Definition of Problem:

The was no recovery for benzidine in the LCS and the RPD between the LCS/LCSD was outside the method control limit.

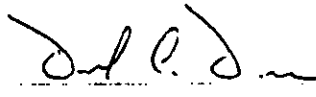
Determination of the Cause of the Problem:

A definitive cause for the low benzidine recovery has not been determined. It is suspected that an error occurred during the extraction process. The large difference between the LCS and LCSD recoveries caused the RPD to fall outside the acceptance limit.

Corrective Action Taken:

The LCSD was within method control limits for benzidine and all reported samples were ND for benzidine. Results for benzidine in these samples are have been flagged 'L2' to indicate low LCS recovery. All benzidine results are potentially biased low and can be considered only estimates. The LCSD was flagged 'R-2' indicating that the RPD between LCS/LCSD was outside the acceptance limit.

Quality Assurance Approval: _____

 2/21/02

Del Mar Analytical, Irvine
Project ID # ILB0170

SENDING LABORATORY:

Del Mar Analytical, Irvine
 2852 Alton Parkway
 Irvine, CA 92606
 Phone: (949) 261-1022
 Fax: (949) 261-1228
 Project Manager: Rachel Parker

RECEIVING LABORATORY:

Weck Laboratories-SUB
 14859 E. Clark Avenue
 Industry, CA 91745
 Phone: (626) 336-2139
 Fax: (626) 336-2634

2°C

Standard TAT is requested unless specific due date is requested => Due Date: _____ Initials: _____

Analysis	Expiration	Comments
Sample ID: ILB0170-01 Water	Sampled: 02/05/02 15:10	
507-N+P Pesticides	02/19/02 15:10	To Weck; Std. TAT
508-Cl Pesticides	02/12/02 15:10	
508A-PCBs	02/19/02 15:10	
Containers Supplied:		
1 L Amber (ILB0170-01D)		
1 L Amber (ILB0170-01E)		
1 L Amber (ILB0170-01F)		
1 L Amber (ILB0170-01G)		

Release Notes:

Samples Received at (temp): _____

All containers intact: Yes No

Sample labels/COC agree: Yes No

Samples Preserved Properly: Yes No

Custody Seals Present: Yes No

Released By: *[Signature]* Date: 2/6/02 Time: 1000 Received By: *[Signature]* Date: 2/6/02 Time: 1000

Released By: *[Signature]* Date: 2/6/02 Time: 1154 Received By: *[Signature]* Date: 2/6/02 Time: 1154

City of Simi Valley, Water Quality Control Plant
 2929 Tapo Canyon Road
 Simi Valley, CA 93063
 Attention: Barbara Santos

Project ID: Semi-annual Monitoring
 SV Lab# 9440, Quarterly W10
 Report Number: ILB0172

Sampled: 02/05/02
 Received: 02/05/02

METHOD BLANK/QC DATA

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS (EPA 418.1)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limits	RPD RPD	RPD Limit	Data Qualifiers
Batch: I2B1252 Extracted: 02/12/02										
Blank Analyzed: 02/12/02 (I2B1252-BLK1)										
Total Recoverable Hydrocarbons	ND	1.0	mg/l							
CS Analyzed: 02/12/02 (I2B1252-BS1)										
Total Recoverable Hydrocarbons	4.07	1.0	mg/l	5.00		81	80-120			M-NR1
CS Dup Analyzed: 02/12/02 (I2B1252-BSD1)										
Total Recoverable Hydrocarbons	4.20	1.0	mg/l	5.00		84	80-120	3	15	M-NR1

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical.

City of Simi Valley, Water Quality Control Plant Project ID: Semi-annual Monitoring
 2929 Tapo Canyon Road SV Lab# 9440, Quarterly W10
 Simi Valley, CA 93063 Report Number: ILB0172
 Attention: Barbara Santos

Sampled: 02/05/02
 Received: 02/05/02

METHOD BLANK/QC DATA

METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limits RPD	RPD Limit	Data Qualifiers
Batch: 12B0625 Extracted: 02/06/02									
Blank Analyzed: 02/11/02 (12B0625-BLK1)									
Arsenic	ND	0.0050	mg/l						
Cadmium	ND	0.0050	mg/l						
Chromium	ND	0.0050	mg/l						
Copper	ND	0.010	mg/l						
Lead	ND	0.0050	mg/l						
Nickel	ND	0.010	mg/l						
Zinc	ND	0.020	mg/l						
LCS Analyzed: 02/11/02 (12B0625-BS1)									
Arsenic	0.516	0.0050	mg/l	0.500		103	85-115		
Cadmium	0.489	0.0050	mg/l	0.500		98	85-115		
Chromium	0.488	0.0050	mg/l	0.500		98	85-115		
Copper	0.470	0.010	mg/l	0.500		94	85-115		
Lead	0.480	0.0050	mg/l	0.500		96	85-115		
Nickel	0.474	0.010	mg/l	0.500		95	85-115		
Zinc	0.467	0.020	mg/l	0.500		93	85-115		
Matrix Spike Analyzed: 02/11/02 (12B0625-MS1) Source: ILB0121-01									
Arsenic	0.558	0.0050	mg/l	0.500	ND	111	70-130		
Cadmium	0.498	0.0050	mg/l	0.500	ND	100	70-130		
Chromium	0.498	0.0050	mg/l	0.500	ND	100	70-130		
Copper	0.510	0.010	mg/l	0.500	0.022	98	70-130		
Lead	0.481	0.0050	mg/l	0.500	ND	96	70-130		
Nickel	0.470	0.010	mg/l	0.500	ND	94	70-130		
Zinc	0.484	0.020	mg/l	0.500	ND	97	70-130		
Matrix Spike Dup Analyzed: 02/11/02 (12B0625-MSD1) Source: ILB0121-01									
Arsenic	0.552	0.0050	mg/l	0.500	ND	109	70-130	1	20
Cadmium	0.496	0.0050	mg/l	0.500	ND	99	70-130	0	20
Chromium	0.496	0.0050	mg/l	0.500	ND	99	70-130	0	20
Copper	0.506	0.010	mg/l	0.500	0.022	97	70-130	1	20
Lead	0.478	0.0050	mg/l	0.500	ND	96	70-130	1	20
Nickel	0.468	0.010	mg/l	0.500	ND	93	70-130	0	20
Zinc	0.481	0.020	mg/l	0.500	ND	96	70-130	1	20

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager



Client: Del Mar Analytical
Project Name: ILB0172

QC Report Date: Monday, February 25, 2002
Project #:

QUALITY CONTROL REPORT

Table with columns: QC Lab#, TestGroup, Parameter, Sample Result, QC Result, Units, Amt Added/True Value, %R or RPD, %RPD for MSD, Low Limit, High Limit. Contains multiple rows of data for various chemical parameters and their results.

Note:

ND = Not Detected MS = Matrix Spike MSD = Matrix Spike Duplicate SURR = Surrogate
BL = Blank DUP = Duplicate RPD = Relative Percent Deviation LCS = Laboratory Control Standard



Client: Del Mar Analytical
Project Name: ILB0172

QC Report Date: Monday, February 25, 2002
Project #:

QUALITY CONTROL REPORT

Table with columns: QC Lab#, TestGroup, Parameter, Sample Result, QC Result, Units, Amt. Added/True Value, %R or RPD, %RPD for MSD, Low Limit, High Limit. Rows include various chemical tests like Endosulfan sulfate, Endrin, gamma-BHC, etc.

Note:

ND = Not Detected MS = Matrix Spike MSD = Matrix Spike Duplicate SURR = Surrogate
BL = Blank DUP = Duplicate RPD = Relative Percent Deviation LCS = Laboratory Control Standard



Client: Del Mar Analytical
Project Name: ILB0172

QC Report Date: Monday, February 25, 2002
Project #:

QUALITY CONTROL REPORT

QC Lab#	TestGroup	Parameter	Sample Result	QC Result	Units	Amt. Added/ True Value	%R or RPD	%RPD for MSD	Low Limit	High Limit
LCS	508_ics	Heptachlor epoxide		0.120	ug/L	0.1	120		53	128
LCS	508_ics	Methoxychlor		0.147	ug/L	0.1	147		64	148
<i>QC Notes: high bias, samples not detected</i>										
Method Blank	508_bl	4,4'-DDD		ND	ug/L		0			0.02
Method Blank	508_bl	4,4'-DDE		ND	ug/L		0			0.01
Method Blank	508_bl	4,4'-DDT		ND	ug/L		0			0.02
Method Blank	508_bl	Aldrin		ND	ug/L		0			0.075
Method Blank	508_bl	alpha-BHC		ND	ug/L		0			0.05
Method Blank	508_bl	Aroclor-1018		ND	ug/L		0			0.1
Method Blank	508_bl	Aroclor-1221		ND	ug/L		0			0.1
Method Blank	508_bl	Aroclor-1232		ND	ug/L		0			0.1
Method Blank	508_bl	Aroclor-1242		ND	ug/L		0			0.1
Method Blank	508_bl	Aroclor-1248		ND	ug/L		0			0.1
Method Blank	508_bl	Aroclor-1254		ND	ug/L		0			0.1
Method Blank	508_bl	Aroclor-1260		ND	ug/L		0			0.1
Method Blank	508_bl	beta-BHC		ND	ug/L		0			0.05
Method Blank	508_bl	Chlordane		ND	ug/L		0			0.1
Method Blank	508_bl	Chlorothalonil		ND	ug/L		0			5
Method Blank	508_bl	delta-BHC		ND	ug/L		0			0.5
Method Blank	508_bl	Dieldrin		ND	ug/L		0			0.02
Method Blank	508_bl	Endosulfan I		ND	ug/L		0			0.02
Method Blank	508_bl	Endosulfan II		ND	ug/L		0			0.01
Method Blank	508_bl	Endosulfan sulfate		ND	ug/L		0			0.05
Method Blank	508_bl	Endrin		ND	ug/L		0			0.1
Method Blank	508_bl	Endrin aldehyde		ND	ug/L		0			0.05
Method Blank	508_bl	gamma-BHC (lindane)		ND	ug/L		0			0.2
Method Blank	508_bl	Heptachlor		ND	ug/L		0			0.01
Method Blank	508_bl	Heptachlor epoxide		ND	ug/L		0			0.01
Method Blank	508_bl	Hexachlorobenzene		ND	ug/L		0			0.5
Method Blank	508_bl	Methoxychlor		ND	ug/L		0			10
Method Blank	508_bl	Propachlor		ND	ug/L		0			0.5
Method Blank	508_bl	Toxaphene		ND	ug/L		0			1
Method Blank	508_bl	Trifluralin		ND	ug/L		0			0.01

Note:

ND = Not Detected MS = Matrix Spike MSD = Matrix Spike Duplicate SURR = Surrogate
BL = Blank DUP = Duplicate RPD = Relative Percent Deviation LCS = Laboratory Control Standard



Client: Del Mar Analytical
Project Name: ILB0172

QC Report Date: Monday, February 25, 2002
Project #:

QUALITY CONTROL REPORT

QC Lab#	TestGroup	Parameter	Sample Result	QC Result	Units	Amt. Added/ True Value	%R or RPD	%RPD for MSD	Low Limit	High Limit	
Worksheet #:	Lab#:	Test Name				Analyzed Date					
WS31568	A200858-001	Organochlorine Pesticides by L-L extract									
WS31568	A200859-001	Organochlorine Pesticides by L-L extract									
WS31568	A200860-001	Organochlorine Pesticides by L-L extract									
WS31568	A200895-007	Organochlorine Pesticides by L-L extract									
WS31568	A200895-008	Organochlorine Pesticides by L-L extract									
WS31568	A200895-011	Organochlorine Pesticides by L-L extract									
WS31568	A200895-012	Organochlorine Pesticides by L-L extract									
WS31568	A200923-002	Organochlorine Pesticides by L-L extract									

Note:

ND = Not Detected MS = Matrix Spike MSD = Matrix Spike Duplicate SURR = Surrogate
 BL = Blank DUP = Duplicate RPD = Relative Percent Deviation LCS = Laboratory Control Standard



Client: Del Mar Analytical
Project Name: ILB0172

QC Report Date: Monday, February 25, 2002
Project #:

QUALITY CONTROL REPORT

Table with columns: QC Lab#, TestGroup, Parameter, Sample Result, QC Result, Units, Amt. Added/True Value, %R or RPD, %RPD for MSD, Low Limit, High Limit. Contains multiple rows of data for various pesticides and laboratory controls.

Note:

ND = Not Detected MS = Matrix Spike MSD = Matrix Spike Duplicate SURR = Surrogate
BL = Blank DUP = Duplicate RPD = Relative Percent Deviation LCS = Laboratory Control Standard



Client: Del Mar Analytical
Project Name: ILB0172

QC Report Date: Monday, February 25, 2002
Project #:

QUALITY CONTROL REPORT

Table with columns: QC Lab#, TestGroup, Parameter, Sample Result, QC Result, Units, Amt. Added/True Value, %R or RPD, %RPD for MSD, Low Limit, High Limit. Rows include various pesticides like Metolachlor, Metribuzin, Molinate, Prometryn, Simazine, Thiobencarb and Method Blank samples.

Table with columns: Worksheet #, Lab#, Test Name, Analyzed Date. Rows list worksheets WS31569 with various Lab# and Test Name entries for Triazine pesticides in drinking water, all analyzed on 2/20/2002.

Note:

ND = Not Detected MS = Matrix Spike MSD = Matrix Spike Duplicate SURR = Surrogate
BL = Blank DUP = Duplicate RPD = Relative Percent Deviation LCS = Laboratory Control Standard

Del Mar Analytical, Irvine
Project ID # ILB0172

200

SENDING LABORATORY:

Del Mar Analytical, Irvine
2852 Alton Parkway
Irvine, CA 92606
Phone: (949) 261-1022
Fax: (949) 261-1228
Project Manager: Rachel Parker

RECEIVING LABORATORY:

Weck Laboratories-SUB
14859 E. Clark Avenue
Industry, CA 91745
Phone: (626) 336-2139
Fax: (626) 336-2634

Standard TAT is requested unless specific due date is requested => Due Date: _____ Initials: _____

Analysis	Expiration	Comments
----------	------------	----------

Sample ID: ILB0172-01	Water	Sampled: 02/05/02 15:30	
507-N+P Pesticides	02/19/02 15:30		To Weck; Std. TAT
508-Cl Pesticides	02/12/02 15:30		
508A-PCBs	02/19/02 15:30		

Containers Supplied:

- 1 L Amber (ILB0172-01D)
- 1 L Amber (ILB0172-01E)
- 1 L Amber (ILB0172-01F)
- 1 L Amber (ILB0172-01G)

Release Notes:

Samples Received at (temp):

All containers intact:	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Sample labels/COC agree:	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Samples Preserved Properly:	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Custody Seals Present:	<input type="checkbox"/> Yes	<input type="checkbox"/> No

Released By

Date

Time

Received By

Date

Time

Released By

Date

Time

Received By

Date

Time

City of Simi Valley, Water Quality Control Plant Project ID: Semi-annual Monitoring
 2929 Tapo Canyon Road SV Lab# 9440, Quarterly W10
 Simi Valley, CA 93063 Report Number: ILB0172
 Attention: Barbara Santos

Sampled: 02/05/02
 Received: 02/05/02

METHOD BLANK/QC DATA

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	RPD Limits RPD	RPD Limit	Data Qualifiers
<u>Batch: 12B0675 Extracted: 02/06/02</u>									
Blank Analyzed: 02/13/02 (12B0675-BLK1)									
Accenaphthene	ND	10	ug/l						
Acenaphthylene	ND	10	ug/l						
Aniline	ND	10	ug/l						
Anthracene	ND	10	ug/l						
Benazidone	ND	100	ug/l						
Benzoic acid	ND	100	ug/l						
Benzo(a)anthracene	ND	10	ug/l						
Benzo(b)fluoranthene	ND	10	ug/l						
Benzo(k)fluoranthene	ND	10	ug/l						
Benzo(g,h,i)perylene	ND	10	ug/l						
Benzo(a)pyrene	ND	10	ug/l						
Benzyl alcohol	ND	20	ug/l						
Bis(2-chloroethoxy)methane	ND	10	ug/l						
Bis(2-chloroethyl)ether	ND	10	ug/l						
Bis(2-chloroisopropyl)ether	ND	10	ug/l						
Bis(2-ethylhexyl)phthalate	ND	100	ug/l						
4-Bromophenyl phenyl ether	ND	10	ug/l						
Diethyl benzyl phthalate	ND	20	ug/l						
2-Chloroaniline	ND	10	ug/l						
2-Chloronaphthalene	ND	10	ug/l						
4-Chloro-3-methylphenol	ND	20	ug/l						
4-Chlorophenol	ND	10	ug/l						
4-Chlorophenyl phenyl ether	ND	10	ug/l						
Chrysene	ND	10	ug/l						
Benzo(a,h)anthracene	ND	20	ug/l						
2-Benzofuran	ND	10	ug/l						
Di-n-butyl phthalate	ND	20	ug/l						
1,2-Dichlorobenzene	ND	10	ug/l						
1,3-Dichlorobenzene	ND	10	ug/l						
1,2-Dichlorobenzene	ND	10	ug/l						
2,3-Dichlorobenzidine	ND	40	ug/l						
1,4-Dichlorophenol	ND	10	ug/l						
Diethyl phthalate	ND	10	ug/l						
2,4-Dimethylphenol	ND	20	ug/l						
Dimethyl phthalate	ND	10	ug/l						
4,6-Dinitro-2-methylphenol	ND	40	ug/l						

Del Mar Analytical, Irvine
 Michel Parker
 Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical.



City of Simi Valley, Water Quality Control Plant Project ID: Semi-annual Monitoring
 2929 Tapo Canyon Road SV Lab# 9440, Quarterly W10
 Simi Valley, CA 93063 Report Number: ILB0172
 Attention: Barbara Santos

Sampled: 02/05/02
 Received: 02/05/02

METHOD BLANK/QC DATA

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	RPD Limits RPD	RPD Limit	Data Qualifiers
Batch: 12B0675 Extracted: 02/06/02									
Blank Analyzed: 02/13/02 (12B0675-BLK1)									
2,4-Dinitrophenol	ND	100	ug/l						
2,4-Dinitrotoluene	ND	10	ug/l						
2,6-Dinitrotoluene	ND	10	ug/l						
Di-n-octyl phthalate	ND	40	ug/l						
Fluoranthene	ND	10	ug/l						
Fluorene	ND	10	ug/l						
Hexachlorobenzene	ND	10	ug/l						
Hexachlorobutadiene	ND	10	ug/l						
Hexachlorocyclopentadiene	ND	40	ug/l						
Hexachloroethane	ND	10	ug/l						
Indeno(1,2,3-cd)pyrene	ND	20	ug/l						
Isophorone	ND	10	ug/l						
2-Methylnaphthalene	ND	10	ug/l						
2-Methylphenol	ND	10	ug/l						
4-Methylphenol	ND	10	ug/l						
1-Naphthalene	ND	10	ug/l						
2-Nitroaniline	ND	20	ug/l						
4-Nitroaniline	ND	20	ug/l						
3-Nitroaniline	ND	100	ug/l						
Nitrobenzene	ND	40	ug/l						
4-Nitrophenol	ND	10	ug/l						
2-Nitrophenol	ND	100	ug/l						
n-Nitrosodiphenylamine	ND	10	ug/l						
o-Nitroso-di-n-propylamine	ND	10	ug/l						
2,4,6-Trichlorophenol	ND	40	ug/l						
Phenanthrene	ND	10	ug/l						
Phenol	ND	10	ug/l						
Pyrene	ND	10	ug/l						
1,2,4-Trichlorobenzene	ND	10	ug/l						
2,4,5-Trichlorophenol	ND	20	ug/l						
1,4,6-Trichlorophenol	ND	20	ug/l						
2,2-Diphenylhydrazine/Azobenzene	ND	20	ug/l						
n-Nitrosodimethylamine	ND	20	ug/l						
Cresol	ND	10	ug/l						
Surrogate: 2-Fluorophenol	119		ug/l	200		60	30-110		
Surrogate: Phenol-d6	136		ug/l	200		68	40-110		

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical.

City of Simi Valley, Water Quality Control Plant Project ID: Semi-annual Monitoring
 929 Tapo Canyon Road SV Lab# 9440, Quarterly W10
 Simi Valley, CA 93063 Report Number: ILB0172
 Attention: Barbara Santos
 Sampled: 02/05/02
 Received: 02/05/02

METHOD BLANK/QC DATA

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC Limits	RPD RPD	RPD Limit	Data Qualifiers
Batch: 12B0675 Extracted: 02/06/02									
Blank Analyzed: 02/13/02 (12B0675-BLK1)									
Surrogate: 2,4,6-Tribromophenol	152		ug/l	200		76 55-140			
Surrogate: Nitrobenzene-d5	69.8		ug/l	100		70 40-110			
Surrogate: 2-Fluorobiphenyl	71.1		ug/l	100		71 40-120			
Surrogate: Terphenyl-d14	77.6		ug/l	100		78 55-160			
MS Analyzed: 02/13/02 (12B0675-BS1)									
Acenaphthene	96.1	10	ug/l	100		96 55-120			
Acenaphthylene	95.5	10	ug/l	100		96 55-120			
Aniline	74.1	10	ug/l	100		74 30-120			
Anthracene	97.3	10	ug/l	100		97 65-120			
Benzidine	ND	100	ug/l	100		10-200			L2
Benzoic acid	ND	100	ug/l	100		85 25-120			
Benzo(a)anthracene	94.2	10	ug/l	100		94 70-125			
Benzo(b)fluoranthene	94.3	10	ug/l	100		94 65-125			
Benzo(k)fluoranthene	100	10	ug/l	100		100 65-135			
Benzo(g,h,i)perylene	98.8	10	ug/l	100		99 25-150			
Benzo(a)pyrene	97.3	10	ug/l	100		97 70-125			
Benzyl alcohol	94.2	20	ug/l	100		94 45-120			
Bis(2-chloroethoxy)methane	87.5	10	ug/l	100		88 50-120			
Bis(2-chloroethyl)ether	84.3	10	ug/l	100		84 45-120			
Bis(2-chloroisopropyl)ether	85.9	10	ug/l	100		86 36-120			
Bis(2-ethylhexyl)phthalate	106	100	ug/l	100		106 65-140			
4-Bromophenyl phenyl ether	98.3	10	ug/l	100		98 55-120			
Butyl benzyl phthalate	112	20	ug/l	100		112 70-135			
4-Chloroaniline	88.6	10	ug/l	100		89 25-120			
2-Chloronaphthalene	96.6	10	ug/l	100		97 60-118			
4-Chloro-3-methylphenol	86.7	20	ug/l	100		87 55-120			
2-Chlorophenol	83.9	10	ug/l	100		84 45-120			
4-Chlorophenyl phenyl ether	89.0	10	ug/l	100		89 60-120			
Chrysene	98.1	10	ug/l	100		98 70-130			
Dibenz(a,h)anthracene	105	20	ug/l	100		105 50-130			
Dibenzofuran	92.8	10	ug/l	100		93 55-120			
Di-n-butyl phthalate	93.4	20	ug/l	100		93 60-118			
1,3-Dichlorobenzene	80.3	10	ug/l	100		80 30-120			
1,4-Dichlorobenzene	69.6	10	ug/l	100		70 35-120			
1,2-Dichlorobenzene	75.6	10	ug/l	100		76 45-120			
3,3-Dichlorobenzidine	64.2	40	ug/l	100		64 35-145			

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical.

City of Simi Valley, Water Quality Control Plant Project ID: Semi-annual Monitoring
 2929 Tapo Canyon Road SV Lab# 9440, Quarterly W10
 Simi Valley, CA 93063 Report Number: ILB0172
 Attention: Barbara Santos

Sampled: 02/05/02
 Received: 02/05/02

METHOD BLANK/QC DATA

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	RPD Limits RPD	RPD Limit	Data Qualifiers
Batch: I2B0675 Extracted: 02/06/02									
LCS Analyzed: 02/13/02 (I2B0675-BS1)									
2,4-Dichlorophenol	86.7	10	ug/l	100		87	50-120		
Diethyl phthalate	90.6	10	ug/l	100		91	65-114		
2,4-Dimethylphenol	71.0	20	ug/l	100		71	32-119		
Dimethyl phthalate	93.4	10	ug/l	100		93	65-112		
2,6-Dinitro-2-methylphenol	103	40	ug/l	100		103	65-125		
2,4-Dinitrophenol	ND	100	ug/l	100		87	40-125		
2,4-Dinitrotoluene	97.4	10	ug/l	100		97	65-120		
2,6-Dinitrotoluene	96.7	10	ug/l	100		97	65-120		
Di-n-octyl phthalate	87.1	40	ug/l	100		87	55-146		
Fluoranthene	94.2	10	ug/l	100		94	70-120		
Fluorene	89.5	10	ug/l	100		90	59-120		
Hexachlorobenzene	94.3	10	ug/l	100		94	60-120		
Hexachlorobutadiene	81.1	10	ug/l	100		81	35-116		
Hexachlorocyclopentadiene	73.3	40	ug/l	100		73	10-120		
Hexachloroethane	70.8	10	ug/l	100		71	40-113		
Indeno(1,2,3-cd)pyrene	104	20	ug/l	100		104	40-135		
Isophorone	86.7	10	ug/l	100		87	50-120		
1-Methylnaphthalene	83.2	10	ug/l	100		83	55-120		
1-Methylphenol	84.9	10	ug/l	100		85	45-120		
2,4-Methylphenol	89.5	10	ug/l	100		90	45-120		
1,2-Naphthalene	86.0	10	ug/l	100		86	45-120		
2-Nitroaniline	99.4	20	ug/l	100		99	50-135		
3-Nitroaniline	92.0	20	ug/l	100		92	50-125		
4-Nitroaniline	ND	100	ug/l	100		85	55-140		
1-Nitrobenzene	90.5	40	ug/l	100		90	45-120		
2-Nitrophenol	93.2	10	ug/l	100		93	50-120		
4-Nitrophenol	ND	100	ug/l	100		78	50-132		
1-Nitrosodiphenylamine	102	10	ug/l	100		102	45-120		
1-Nitroso-di-n-propylamine	86.3	10	ug/l	100		86	45-125		
Pentachlorophenol	107	40	ug/l	100		107	50-130		
Phenanthrene	97.1	10	ug/l	100		97	65-120		
Phenol	78.5	10	ug/l	100		78	35-112		
Pyrene	114	10	ug/l	100		114	65-115		
1,2,4-Trichlorobenzene	82.4	10	ug/l	100		82	50-120		
2,4,5-Trichlorophenol	97.4	20	ug/l	100		97	55-120		
2,4,6-Trichlorophenol	104	20	ug/l	100		104	55-120		

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical.

City of Simi Valley, Water Quality Control Plant Project ID: Semi-annual Monitoring
 2929 Tapo Canyon Road SV Lab# 9440, Quarterly W10
 Simi Valley, CA 93063 Report Number: ILB0172
 Attention: Barbara Santos

Sampled: 02/05/02
 Received: 02/05/02

METHOD BLANK/QC DATA

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limits RPD	RPD Limit	Data Qualifiers
Batch: I2B0675_Extracted: 02/06/02									
LCS Analyzed: 02/13/02 (I2B0675-BS1)									
1,2-Diphenylhydrazine/Azobenzene	89.3	20	ug/l	100		89	50-125		
Surrogate: 2-Fluorophenol	133		ug/l	200		66	30-110		
Surrogate: Phenol-d6	156		ug/l	200		78	40-110		
Surrogate: 2,4,6-Tribromophenol	188		ug/l	200		94	55-140		
Surrogate: Nitrobenzene-d5	83.7		ug/l	100		84	40-110		
Surrogate: 2-Fluorobiphenyl	90.8		ug/l	100		91	40-120		
Surrogate: Terphenyl-d14	104		ug/l	100		104	55-160		
LCS Dup Analyzed: 02/13/02 (I2B0675-BSD1)									
Benaphthene	94.3	10	ug/l	100		94	55-120	2	35
Acenaphthylene	94.3	10	ug/l	100		94	55-120	1	20
Aniline	86.3	10	ug/l	100		86	30-120	15	40
Anthracene	91.9	10	ug/l	100		92	65-120	6	15
Benzidine	101	100	ug/l	100		101	10-200		35
Benzoic acid	ND	100	ug/l	100		85	25-120	1	40
Benzo(a)anthracene	93.3	10	ug/l	100		93	70-125	1	20
Benzo(b)fluoranthene	93.0	10	ug/l	100		93	65-125	1	20
Benzo(k)fluoranthene	103	10	ug/l	100		103	65-135	3	25
Benzo(g,h,i)perylene	84.1	10	ug/l	100		84	25-150	16	25
Benzo(a)pyrene	95.7	10	ug/l	100		96	70-125	2	15
Benzyl alcohol	96.4	20	ug/l	100		96	45-120	2	25
Bis(2-chloroethoxy)methane	87.9	10	ug/l	100		88	50-120	1	25
Bis(2-chloroethyl)ether	86.8	10	ug/l	100		87	45-120	3	25
Bis(2-chloroisopropyl)ether	89.2	10	ug/l	100		89	36-120	4	25
Bis(2-ethylhexyl)phthalate	104	100	ug/l	100		104	65-140	2	15
Bromophenyl phenyl ether	98.9	10	ug/l	100		99	55-120	1	20
Butyl benzyl phthalate	109	20	ug/l	100		109	70-135	3	15
4-Chloroaniline	83.6	10	ug/l	100		84	25-120	6	50
Chloronaphthalene	96.4	10	ug/l	100		96	60-118	0	25
2-Chloro-3-methylphenol	84.1	20	ug/l	100		84	55-120	3	25
2-Chlorophenol	85.9	10	ug/l	100		86	45-120	2	25
Chlorophenyl phenyl ether	86.4	10	ug/l	100		86	60-120	3	20
Chrysene	97.1	10	ug/l	100		97	70-130	1	10
Dibenz(a,h)anthracene	86.0	20	ug/l	100		86	50-130	20	15
Indole	89.8	10	ug/l	100		90	55-120	3	25
n-butyl phthalate	86.6	20	ug/l	100		87	60-118	8	10
1,3-Dichlorobenzene	85.5	10	ug/l	100		86	30-120	6	30

M-NR1

R-2

R-7

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical.

City of Simi Valley, Water Quality Control Plant
 2929 Tapo Canyon Road
 Simi Valley, CA 93063
 Attention: Barbara Santos

Project ID: Semi-annual Monitoring
 SV Lab# 9440, Quarterly W10
 Report Number: ILB0172

Sampled: 02/05/02
 Received: 02/05/02

METHOD BLANK/QC DATA

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limit	RPD	RPD Limit	Data Qualifiers
Batch: I2B0675 Extracted: 02/06/02										
LCS Dup Analyzed: 02/13/02 (I2B0675-BSD1)										
1,4-Dichlorobenzene	71.5	10	ug/l	100		72	35-120	3	25	M-NR1
1,2-Dichlorobenzene	78.8	10	ug/l	100		79	45-120	4	25	
1,3-Dichlorobenzidine	72.7	40	ug/l	100		73	35-145	12	25	
2,4-Dichlorophenol	85.8	10	ug/l	100		86	50-120	1	25	
Methyl phthalate	85.8	10	ug/l	100		86	65-114	5	15	
1,4-Dimethylphenol	70.0	20	ug/l	100		70	32-119	1	30	
Dimethyl phthalate	90.1	10	ug/l	100		90	65-112	4	20	
1,6-Dinitro-2-methylphenol	96.1	40	ug/l	100		96	65-125	7	20	
1,4-Dinitrophenol	ND	100	ug/l	100		79	40-125	10	30	
2,4-Dinitrotoluene	89.4	10	ug/l	100		89	65-120	9	20	
2,6-Dinitrotoluene	93.3	10	ug/l	100		93	65-120	4	20	
1-n-octyl phthalate	87.5	40	ug/l	100		88	55-146	1	20	
Fluoranthene	82.9	10	ug/l	100		83	70-120	13	15	
Fluorene	86.2	10	ug/l	100		86	59-120	4	30	
Hexachlorobenzene	93.1	10	ug/l	100		93	60-120	1	15	
Hexachlorobutadiene	81.9	10	ug/l	100		82	35-116	1	25	
Hexachlorocyclopentadiene	80.2	40	ug/l	100		80	10-120	9	35	
Hexachloroethane	74.3	10	ug/l	100		74	40-113	5	25	
Indeno(1,2,3-cd)pyrene	89.5	20	ug/l	100		90	40-135	15	20	
Isophorone	85.2	10	ug/l	100		85	50-120	2	20	
2-Methylnaphthalene	79.9	10	ug/l	100		80	55-120	4	20	
1-Methylphenol	86.0	10	ug/l	100		86	45-120	1	25	
4-Methylphenol	91.0	10	ug/l	100		91	45-120	2	25	
Naphthalene	84.6	10	ug/l	100		85	45-120	2	25	
1-Nitroaniline	95.2	20	ug/l	100		95	50-135	4	15	
2-Nitroaniline	83.9	20	ug/l	100		84	50-125	9	20	
4-Nitroaniline	ND	100	ug/l	100		74	55-140	14	15	
1-trobenzene	91.1	40	ug/l	100		91	45-120	1	25	
1-Nitrophenol	93.8	10	ug/l	100		94	50-120	1	50	
4-Nitrophenol	ND	100	ug/l	100		69	50-132	12	30	
1-Nitrosodiphenylamine	105	10	ug/l	100		105	45-120	3	20	
1-Nitroso-di-n-propylamine	88.0	10	ug/l	100		88	45-125	2	25	
Pentachlorophenol	100	40	ug/l	100		100	50-130	7	45	
Phenanthrene	91.5	10	ug/l	100		92	65-120	6	20	
1-phenol	78.5	10	ug/l	100		78	35-112	0	25	
Pyrene	113	10	ug/l	100		113	65-115	1	15	

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical.

City of Simi Valley, Water Quality Control Plant
 1929 Tapo Canyon Road
 Simi Valley, CA 93063
 Attention: Barbara Santos

Project ID: Semi-annual Monitoring
 SV Lab# 9440, Quarterly W10
 Report Number: ILB0172

Sampled: 02/05/02
 Received: 02/05/02

METHOD BLANK/QC DATA

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC Limits	RPD RPD	RPD Limit	Data Qualifiers
<u>Batch: I2B0675 Extracted: 02/06/02</u>									
<u>ECS Dup Analyzed: 02/13/02 (I2B0675-BSD1)</u>									
1,2,4-Trichlorobenzene	82.8	10	ug/l	100		83 50-120	1	25	M-NR1
1,5-Trichlorophenol	95.9	20	ug/l	100		96 55-120	2	35	
1,6-Trichlorophenol	103	20	ug/l	100		103 55-120	1	25	
1,2-Diphenylhydrazine/Azobenzene	83.0	20	ug/l	100		83 50-125	7	15	
Surrogate: 2-Fluorophenol	144		ug/l	200		72 30-110			
Surrogate: Phenol-d6	158		ug/l	200		79 40-110			
Surrogate: 2,4,6-Tribromophenol	189		ug/l	200		94 55-140			
Surrogate: Nitrobenzene-d5	84.9		ug/l	100		85 40-110			
Surrogate: 2-Fluorobiphenyl	90.5		ug/l	100		90 40-120			
Surrogate: Terphenyl-d14	102		ug/l	100		102 55-160			

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical.

City of Simi Valley, Water Quality Control Plant
 2929 Tapo Canyon Road
 Simi Valley, CA 93063
 Attention: Barbara Santos

Project ID: Semi-annual Monitoring
 SV Lab# 9440, Quarterly W10
 Report Number: ILB0172

Sampled: 02/05/02
 Received: 02/05/02

METHOD BLANK/QC DATA

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS (EPA 418.1)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC Limits	RPD RPD	RPD Limit	Data Qualifiers
Batch: I2B1252 Extracted: 02/12/02									
Blank Analyzed: 02/12/02 (I2B1252-BLK1)									
Total Recoverable Hydrocarbons	ND	1.0	mg/l						
LCS Analyzed: 02/12/02 (I2B1252-BS1)									
Total Recoverable Hydrocarbons	4.07	1.0	mg/l	5.00		81 80-120			M-NRI
LCS Dup Analyzed: 02/12/02 (I2B1252-BSD1)									
Total Recoverable Hydrocarbons	4.20	1.0	mg/l	5.00		84 80-120	3	15	M-NRI

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

City of Simi Valley, Water Quality Control Plant Project ID: Semi-annual Monitoring
2929 Tapo Canyon Road SV Lab# 9440, Quarterly W10
Simi Valley, CA 93063 Report Number: ILB0172
Attention: Barbara Santos

Sampled: 02/05/02
Received: 02/05/02

DATA QUALIFIERS AND DEFINITIONS

- C** Calibration Verification recovery was above the method control limit for this analyte. Analyte not detected, data not impacted.
- L2** Laboratory Control Sample recovery was below method control limits. See Corrective Action Report.
- M-NR1** There was no MS/MSD analyzed with this batch due to insufficient sample volume. See Blank Spike/Blank Spike Duplicate.
- R-2** The RPD exceeded the method control limit. See Corrective Action Report.
- R-3** The RPD exceeded the method control limit due to sample matrix effects.
- R-7** LFB/LFBD RPD exceeded the method control limit. Recovery met acceptance criteria.
- ND** Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.
- NR** Not reported.
- RPD** Relative Percent Difference

ADDITIONAL COMMENTS

For 1,2-Diphenylhydrazine:

The result for 1,2-Diphenylhydrazine is based upon the reading of its breakdown product, Azobenzene.

Del Mar Analytical, Irvine
Rachel Parker
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical.



CORRECTIVE ACTION REPORT

Department: Extractions

Date: 2/13/02

Method: EPA 625/EPA 8270C

Matrix: Water

QC Batch: I2B0675

Identification and Definition of Problem:

The was no recovery for benzidine in the LCS and the RPD between the LCS/LCSD was outside the method control limit.

Determination of the Cause of the Problem:

A definitive cause for the low benzidine recovery has not been determined. It is suspected that an error occurred during the extraction process. The large difference between the LCS and LCSD recoveries caused the RPD to fall outside the acceptance limit.

Corrective Action Taken:

The LCSD was within method control limits for benzidine and all reported samples were ND for benzidine. Results for benzidine in these samples are have been flagged 'L2' to indicate low LCS recovery. All benzidine results are potentially biased low and can be considered only estimates. The LCSD was flagged 'R-2' indicating that the RPD between LCS/LCSD was outside the acceptance limit.

Quality Assurance Approval: _____

John P. Jones 2/21/02

RECEIVING WATER CONSTITUENTS FOR 2002

Semi-Annual Testing for
Arsenic, Cadmium, Chromium, Copper, Nickel, Lead,
Oil & Grease, Surfactants MBAS,
Chlorinated Pesticides, N and P Pesticides, BNA,
Total Petroleum Hydrocarbon

Date: August 14, 2002

Constituents	*D.L. mg/L	W-12 mg/L	W-11 mg/L	W-10 mg/L
Arsenic	0.0050	ND	ND	ND
Cadmium	0.0050	ND	ND	ND
Chromium	0.0050	ND	ND	ND
Copper	0.010	ND	ND	ND
Nickel	0.010	ND	ND	ND
Lead	0.0050	ND	ND	ND
Zinc	0.020	ND	ND	ND
Oil & Grease	5.0	ND	ND	ND
Surfactants	0.10	0.11	0.22	0.17
Chlorinated Pesticides		See Attachment 1	See Attachment 2	See Attachment 3
N & P Pesticides		See Attachment 1	See Attachment 2	See Attachment 3
BNA		See Attachment 1	See Attachment 2	See Attachment 3
Total Petroleum Hydrocarbon		See Attachment 1	See Attachment 2	See Attachment 3

*Detection Limit

ATTACHMENT 1
RECEIVING WATER RESULTS
W - 12

City of Simi Valley, Water Quality Control Plant Project ID: Semi-annual Monitoring
 2929 Tapo Canyon Road Quarterly W11, SV Lab# 9760
 Simi Valley, CA 93063 Report Number: ILH0636
 Attention: Barbara Santos

Sampled: 08/14/02
 Received: 08/14/02

CASE NARRATIVE

LABORATORY NUMBER	SAMPLE DESCRIPTION	SAMPLE MATRIX	ANALYSES
ILH0636-01	W11 Comp., #9760	Water	EPA 200.7 EPA 413.1 EPA 418.1 EPA 625 SM5540-C

SAMPLE RECEIPT: Samples were received intact, at 6°C, and with chain of custody documentation.

HOLDING TIMES: Holding times were met.

PRESERVATION: Samples requiring preservation were verified prior to sample analysis.

QA/QC CRITERIA: All analyses met method criteria, except as noted in the report with data qualifiers.

The Laboratory Control Sample recovery was above method control limits for several analytes in EPA 8270C QC batch I2H1537. The analytes were not detected in the samples; therefore, the data was not impacted.

COMMENTS: No significant observations were made.

SUBCONTRACTED: Refer to the attached cross-reference letter for analyses that were subcontracted to an outside laboratory.

DEL MAR ANALYTICAL, IRVINE (CA ELAP #1197)

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical.

City of Simi Valley, Water Quality Control Plant Project ID: Semi-annual Monitoring
 2929 Tapo Canyon Road Quarterly W12, SV Lab# 9761
 Simi Valley, CA 93063 Report Number: ILH0639
 Attention: Barbara Santos

Sampled: 08/14/02
 Received: 08/14/02

METALS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
			mg/l	mg/l				
Sample ID: ILH0639-01 (W12 Comp., #9761 - Water)								
Arsenic	EPA 200.7	I2H1558	0.0050	ND	1	8/15/2002	8/19/2002	
Cadmium	EPA 200.7	I2H1558	0.0050	ND	1	8/15/2002	8/19/2002	
Chromium	EPA 200.7	I2H1558	0.0050	ND	1	8/15/2002	8/19/2002	
Copper	EPA 200.7	I2H1558	0.010	ND	1	8/15/2002	8/19/2002	
Lead	EPA 200.7	I2H1558	0.0050	ND	1	8/15/2002	8/19/2002	
Nickel	EPA 200.7	I2H1558	0.010	ND	1	8/15/2002	8/19/2002	
Zinc	EPA 200.7	I2H1558	0.020	ND	1	8/15/2002	8/19/2002	

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical.

City of Simi Valley, Water Quality Control Plant Project ID: Semi-annual Monitoring
 2929 Tapo Canyon Road Quarterly W11, SV Lab# 9760
 Simi Valley, CA 93063 Report Number: ILH0636
 Attention: Barbara Santos

Sampled: 08/14/02
 Received: 08/14/02

INORGANICS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
			mg/l	mg/l				
Sample ID: ILH0636-01 (W11 Comp., #9760 - Water)								
Oil & Grease	EPA 413.1	I2H2202	5.0	ND	1	8/21/2002	8/21/2002	
Surfactants (MBAS)	SM5540-C	I2H1561	0.10	0.22	1	8/15/2002	8/15/2002	

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical.



Report Date: Tuesday, September 10, 2002
Received Date: Thursday, August 15, 2002
Log By: mq
Log Time: 11:27

Client: Del Mar Analytical
2852 Alton Parkway
Irvine, CA 92606

Phone: (949) 261-1022
FAX: (949) 261-1228

Attn.: Patty Mata

Project: ILH0636

P.O. #:
Turnaround Time: Normal

CERTIFICATE OF ANALYSIS

Lab#: A205145-001
Sampled By: Client

Sample ID: ILH0636-01 SV LAB # 9760
Date: 8/14/2002 Time: 13:50

Matrix: Water

Table with columns: Parameter, Result, Flag, Units, Dilution Factor, RL, Method, Analyzed, Worksheet #. Lists various chemical parameters like Aldrin, alpha-BHC, etc., with their respective results and analysis details.

Lab#: A205145

Page 1 of 2



Client: Del Mar Analytical
Project Name: ILH0636

Report Date: Tuesday, September 10, 2002

CERTIFICATE OF ANALYSIS

Lab#: A205145-001 Sample ID: ILH0636-01 Matrix: Water
Sampled By: Client Date: 8/14/2002 Time: 13:50

Parameter	Result	Flag	Units	Dilution Factor	RL	Method	Analyzed	Worksheet #
<i>Prep.</i>	<i>EPA 507</i>	<i>Date: 8/20/2002</i>	<i>By bn,aj</i>					
Alachlor	ND		ug/L	1	1.0	EPA 507	8/20/2002 fv/kk	WS36192
Atrazine	ND		ug/L	1	1.0	EPA 507	8/20/2002 fv/kk	WS36192
Bromacil	ND		ug/L	1	10	EPA 507	8/20/2002 fv/kk	WS36192
Butachlor	ND		ug/L	1	0.33	EPA 507	8/20/2002 fv/kk	WS36192
Diazinon	ND		ug/L	1	0.25	EPA 507	8/20/2002 fv/kk	WS36192
Dimethoate	ND		ug/L	1	10	EPA 507	8/20/2002 fv/kk	WS36192
Molinate	ND		ug/L	1	2.0	EPA 507	8/20/2002 fv/kk	WS36192
Prometryn	ND		ug/L	1	2.0	EPA 507	8/20/2002 fv/kk	WS36192
Simazine	ND		ug/L	1	1.0	EPA 507	8/20/2002 fv/kk	WS36192
Thiobencarb	ND		ug/L	1	1.0	EPA 507	8/20/2002 fv/kk	WS36192
Metolachlor	ND		ug/L	1	0.50	EPA 507	8/20/2002 fv/kk	WS36192
Metribuzin	ND		ug/L	1	0.50	EPA 507	8/20/2002 fv/kk	WS36192
Prometon	ND		ug/L	1	1.0	EPA 507	8/20/2002 fv/kk	WS36192

[Signature]
Authorized Signature

ELAP # 1132
LACSD # 10143

Flags for Data Qualifiers:

- B = Compound detected in the blank. Sample result equal or less than 10 times the concentration in the blank.
- J = Analyte was detected. However, the analyte concentration is an estimated value, which is between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL).
- H = Estimated value, result over the calibration range
- R = Result is suspect, LCS recovery greater than the upper control limit.
- L = Result is suspect, LCS recovery lower than the control limit.
- Q = QC result out of acceptance limits.
- T = Trace detection, detected but below the reporting limit.

Notes:

- The Chain of Custody document is part of the analytical report.
- Any remaining sample(s) for testing will be disposed of one month from the final report date unless other arrangements are made in advance.
- All results are expressed on wet weight basis unless specified.
- RL = Reporting Limit.
- ND = Not detected, below the reporting limit.
- Sub = Subcontracted analysis, original report enclosed.

City of Simi Valley, Water Quality Control Plant Project ID: Semi-annual Monitoring
 2929 Tapo Canyon Road Quarterly W11, SV Lab# 9760
 Simi Valley, CA 93063 Report Number: ILH0636
 Attention: Barbara Santos

Sampled: 08/14/02
 Received: 08/14/02

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Method	Batch	Reporting	Sample	Dilution	Date	Date	Data	
			Limit	Result					Factor	Extracted	Analyzed	Qualifiers
			ug/l	ug/l					
Sample ID: ILH0636-01 (W11 Comp., #9760 - Water)									
Acenaphthene	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002		
Acenaphthylene	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002		
Aniline	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002		
Anthracene	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002		
Benzidine	EPA 625	I2H1537	20	ND	0.9	8/15/2002	8/21/2002		
Benzoic acid	EPA 625	I2H1537	20	ND	0.9	8/15/2002	8/21/2002		
Benzo(a)anthracene	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002		
Benzo(b)fluoranthene	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002		
Benzo(k)fluoranthene	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002		
Benzo(g,h,i)perylene	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002		
Benzo(a)pyrene	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002		
Benzyl alcohol	EPA 625	I2H1537	20	ND	0.9	8/15/2002	8/21/2002		
Bis(2-chloroethoxy)methane	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002		
Bis(2-chloroethyl)ether	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002		
Bis(2-chloroisopropyl)ether	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002		
Bis(2-ethylhexyl)phthalate	EPA 625	I2H1537	50	ND	0.9	8/15/2002	8/21/2002		
4-Bromophenyl phenyl ether	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002		
Butyl benzyl phthalate	EPA 625	I2H1537	20	ND	0.9	8/15/2002	8/21/2002		
4-Chloroaniline	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002		
2-Chloronaphthalene	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002		
4-Chloro-3-methylphenol	EPA 625	I2H1537	20	ND	0.9	8/15/2002	8/21/2002	L	
2-Chlorophenol	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002		
4-Chlorophenyl phenyl ether	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002		
Chrysene	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002		
Dibenz(a,h)anthracene	EPA 625	I2H1537	20	ND	0.9	8/15/2002	8/21/2002		
Dibenzofuran	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002		
Di-n-butyl phthalate	EPA 625	I2H1537	20	ND	0.9	8/15/2002	8/21/2002		
1,3-Dichlorobenzene	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002		
1,4-Dichlorobenzene	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002		
1,2-Dichlorobenzene	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002		
3,3-Dichlorobenzidine	EPA 625	I2H1537	20	ND	0.9	8/15/2002	8/21/2002		
2,4-Dichlorophenol	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002		
Diethyl phthalate	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002	L	
2,4-Dimethylphenol	EPA 625	I2H1537	20	ND	0.9	8/15/2002	8/21/2002		
Dimethyl phthalate	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002	L	
4,6-Dinitro-2-methylphenol	EPA 625	I2H1537	20	ND	0.9	8/15/2002	8/21/2002		
2,4-Dinitrophenol	EPA 625	I2H1537	20	ND	0.9	8/15/2002	8/21/2002		
2,4-Dinitrotoluene	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002		
2,6-Dinitrotoluene	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002		
Di-n-octyl phthalate	EPA 625	I2H1537	20	ND	0.9	8/15/2002	8/21/2002		
Fluoranthene	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002		

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical.

City of Simi Valley, Water Quality Control Plant
 2929 Tapo Canyon Road
 Simi Valley, CA 93063
 Attention: Barbara Santos

Project ID: Semi-annual Monitoring
 Quarterly W11, SV Lab# 9760
 Report Number: ILH0636

Sampled: 08/14/02
 Received: 08/14/02

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
			ug/l	ug/l				
Sample ID: ILH0636-01 (W11 Comp., #9760 - Water)								
Fluorene	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002	
Hexachlorobenzene	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002	
Hexachlorobutadiene	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002	
Hexachlorocyclopentadiene	EPA 625	I2H1537	20	ND	0.9	8/15/2002	8/21/2002	
Hexachloroethane	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002	
Indeno(1,2,3-cd)pyrene	EPA 625	I2H1537	20	ND	0.9	8/15/2002	8/21/2002	
Isophorone	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002	
2-Methylnaphthalene	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002	
2-Methylphenol	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002	
4-Methylphenol	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002	
Naphthalene	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002	
2-Nitroaniline	EPA 625	I2H1537	20	ND	0.9	8/15/2002	8/21/2002	
3-Nitroaniline	EPA 625	I2H1537	20	ND	0.9	8/15/2002	8/21/2002	
4-Nitroaniline	EPA 625	I2H1537	20	ND	0.9	8/15/2002	8/21/2002	
Nitrobenzene	EPA 625	I2H1537	20	ND	0.9	8/15/2002	8/21/2002	
2-Nitrophenol	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002	
4-Nitrophenol	EPA 625	I2H1537	20	ND	0.9	8/15/2002	8/21/2002	
n-Nitrosodiphenylamine	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002	L
n-Nitroso-di-n-propylamine	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002	
Pentachlorophenol	EPA 625	I2H1537	20	ND	0.9	8/15/2002	8/21/2002	
Phenanthrene	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002	
Phenol	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002	
Pyrene	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002	
1,2,4-Trichlorobenzene	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002	
2,4,5-Trichlorophenol	EPA 625	I2H1537	20	ND	0.9	8/15/2002	8/21/2002	L
2,4,6-Trichlorophenol	EPA 625	I2H1537	20	ND	0.9	8/15/2002	8/21/2002	
1,2-Diphenylhydrazine/Azobenzene	EPA 625	I2H1537	20	ND	0.9	8/15/2002	8/21/2002	L
n-Nitrosodimethylamine	EPA 625	I2H1537	20	ND	0.9	8/15/2002	8/21/2002	
Surrogate: 2-Fluorophenol (30-110%)								70 %
Surrogate: Phenol-d6 (40-110%)								80 %
Surrogate: 2,4,6-Tribromophenol (55-140%)								99 %
Surrogate: Nitrobenzene-d5 (40-110%)								80 %
Surrogate: 2-Fluorobiphenyl (40-120%)								85 %
Surrogate: Terphenyl-d14 (55-160%)								90 %
Cresol	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002	

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical.

City of Simi Valley, Water Quality Control Plant Project ID: Semi-annual Monitoring
2929 Tapo Canyon Road Quarterly W11, SV Lab# 9760
Simi Valley, CA 93063 Report Number: ILH0636
Attention: Barbara Santos

Sampled: 08/14/02
Received: 08/14/02

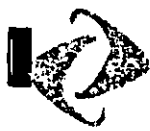
TOTAL RECOVERABLE PETROLEUM HYDROCARBONS (EPA 418.1)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifier
Sample ID: ILH0636-01 (W11 Comp., #9760 - Water)								
Total Recoverable Hydrocarbons	EPA 418.1	I2H2071	1.0 mg/l	ND mg/l	1	8/20/2002	8/20/2002	

Del Mar Analytical, Irvine
Rachel Parker
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical.

ATTACHMENT 2
RECEIVING WATER RESULTS
W - 11



City of Simi Valley, Water Quality Control Plant
 2929 Tapo Canyon Road
 Simi Valley, CA 93063
 Attention: Barbara Santos

Project ID: Semi-annual Monitoring

Quarterly W10, SV Lab# 9759

Report Number: ILH0634

Sampled: 08/14/02

Received: 08/14/02

INORGANICS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
				mg/l	mg/l			
Sample ID: ILH0634-01 (W10 Comp., #9759 - Water)								
Oil & Grease	EPA 413.1	I2H2202	5.0	ND	1	8/21/2002	8/21/2002	
Surfactants (MBAS)	SM5540-C	I2H1561	0.10	0.17	1	8/15/2002	8/15/2002	

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical.

City of Simi Valley, Water Quality Control Plant Project ID: Semi-annual Monitoring
 2929 Tapo Canyon Road Quarterly W10, SV Lab# 9759
 Simi Valley, CA 93063 Report Number: ILH0634
 Attention: Barbara Santos

Sampled: 08/14/02
 Received: 08/14/02

CASE NARRATIVE

LABORATORY NUMBER	SAMPLE DESCRIPTION	SAMPLE MATRIX	ANALYSES
ILH0634-01	W10 Comp., #9759	Water	EPA 200.7 EPA 413.1 EPA 418.1 EPA 625 SM5540-C

SAMPLE RECEIPT: Samples were received intact, at 6°C. and with chain of custody documentation.

HOLDING TIMES: Holding times were met.

PRESERVATION: Samples requiring preservation were verified prior to sample analysis.

QA/QC CRITERIA: All analyses met method criteria, except as noted in the report with data qualifiers.

The Laboratory Control Sample recovery was above method control limits for several analytes in EPA 8270C QC batch I2H1537. The analytes were not detected in the samples; therefore, the data was not impacted.

COMMENTS: No significant observations were made.

SUBCONTRACTED: Refer to the attached cross-reference letter for analyses that were subcontracted to an outside laboratory.

DEL MAR ANALYTICAL, IRVINE (CA ELAP #1197)

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager



Report Date: Tuesday, September 10, 2002

Received Date: Thursday, August 15, 2002

Log By: mq

Log Time: 11:57

Client: Del Mar Analytical
2852 Alton Parkway
Irvine, CA 92606

Phone: (949) 261-1022

FAX: (949) 261-1228

Attn.: Rachel Parker

Project: City of Simi Valley

P.O. #:

Turnaround Time: Normal

CERTIFICATE OF ANALYSIS

Lab#: A205147-001

Sample ID: ILH0634-01/SVLab#9759

Matrix: Water

Sampled By: Client

Date: 8/14/2002 Time: 13:50

Table with columns: Parameter, Result, Flag, Units, Dilution Factor, RL, Method, Analyzed, Worksheet #. Contains data for EPA 507 analysis of various pesticides like Alachlor, Atrazine, etc.

Table with columns: Parameter, Result, Flag, Units, Dilution Factor, RL, Method, Analyzed, Worksheet #. Contains data for EPA 508 analysis of various pesticides like Aldrin, alpha-BHC, etc.

Lab#: A205147

Page 1 of 2



Client: Del Mar Analytical
Project Name: City of Simi Valley

Report Date: Tuesday, September 10, 2002

CERTIFICATE OF ANALYSIS

Lab#: A205147-001 Sample ID: ILH0634-01/SVLab#9759 Matrix: Water
Sampled By: Client Date: 8/14/2002 Time: 13:50

Table with 10 columns: Parameter, Result, Flag, Units, Dilution Factor, RL, Method, Analyzed, Worksheet #. Lists various pesticides like Methoxychlor, Chlorothalonil, etc., with results marked as ND.

CASE NARRATIVE:

ILH0634

Authorized Signature (Handwritten signature)

Authorized Signature

ELAP # 1132
LACSD # 10143

Flags for Data Qualifiers:

- B = Compound detected in the blank. Sample result equal or less than 10 times the concentration in the blank.
J = Analyte was detected. However, the analyte concentration is an estimated value, which is between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL).
H = Estimated value, result over the calibration range
R = Result is suspect, LCS recovery greater than the upper control limit.
L = Result is suspect, LCS recovery lower than the control limit.
Q = QC result out of acceptance limits.
T = Trace detection, detected but below the reporting limit.

Notes:

- The Chain of Custody document is part of the analytical report.
Any remaining sample(s) for testing will be disposed of one month from the final report date unless other arrangements are made in advance.
All results are expressed on wet weight basis unless specified.
RL = Reporting Limit.
ND = Not detected, below the reporting limit.
Sub = Subcontracted analysis, original report enclosed.

City of Simi Valley, Water Quality Control Plant Project ID: Semi-annual Monitoring
 2929 Tapo Canyon Road Quarterly W10, SV Lab# 9759
 Simi Valley, CA 93063 Report Number: ILH0634
 Attention: Barbara Santos

Sampled: 08/14/02
 Received: 08/14/02

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Method	Batch	Reporting	Sample	Dilution	Date	Date	Data
			Limit	Result		Factor	Extracted		Analyzed	Qualifiers
			ug/l	ug/l				
Sample ID: ILH0634-01 (W10 Comp., #9759 - Water)								
Acenaphthene	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002	
Acenaphthylene	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002	
Aniline	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002	
Anthracene	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002	
Benzidine	EPA 625	I2H1537	20	ND	0.9	8/15/2002	8/21/2002	
Benzoic acid	EPA 625	I2H1537	20	ND	0.9	8/15/2002	8/21/2002	
Benzo(a)anthracene	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002	
Benzo(b)fluoranthene	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002	
Benzo(k)fluoranthene	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002	
Benzo(g,h,i)perylene	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002	
Benzo(a)pyrene	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002	
Benzyl alcohol	EPA 625	I2H1537	20	ND	0.9	8/15/2002	8/21/2002	
Bis(2-chloroethoxy)methane	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002	
Bis(2-chloroethyl)ether	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002	
Bis(2-chloroisopropyl)ether	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002	
Bis(2-ethylhexyl)phthalate	EPA 625	I2H1537	50	ND	0.9	8/15/2002	8/21/2002	
4-Bromophenyl phenyl ether	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002	
Butyl benzyl phthalate	EPA 625	I2H1537	20	ND	0.9	8/15/2002	8/21/2002	
4-Chloroaniline	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002	
2-Chloronaphthalene	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002	
4-Chloro-3-methylphenol	EPA 625	I2H1537	20	ND	0.9	8/15/2002	8/21/2002	L
2-Chlorophenol	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002	
4-Chlorophenyl phenyl ether	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002	
Chrysene	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002	
Dibenz(a,h)anthracene	EPA 625	I2H1537	20	ND	0.9	8/15/2002	8/21/2002	
Dibenzofuran	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002	
Di-n-butyl phthalate	EPA 625	I2H1537	20	ND	0.9	8/15/2002	8/21/2002	
1,3-Dichlorobenzene	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002	
1,4-Dichlorobenzene	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002	
1,2-Dichlorobenzene	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002	
3,3-Dichlorobenzidine	EPA 625	I2H1537	20	ND	0.9	8/15/2002	8/21/2002	
2,4-Dichlorophenol	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002	
Diethyl phthalate	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002	L
2,4-Dimethylphenol	EPA 625	I2H1537	20	ND	0.9	8/15/2002	8/21/2002	
Dimethyl phthalate	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002	L
4,6-Dinitro-2-methylphenol	EPA 625	I2H1537	20	ND	0.9	8/15/2002	8/21/2002	
2,4-Dinitrophenol	EPA 625	I2H1537	20	ND	0.9	8/15/2002	8/21/2002	
2,4-Dinitrotoluene	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002	
2,6-Dinitrotoluene	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002	
Di-n-octyl phthalate	EPA 625	I2H1537	20	ND	0.9	8/15/2002	8/21/2002	
Fluoranthene	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002	

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical.

City of Simi Valley, Water Quality Control Plant Project ID: Semi-annual Monitoring
 2929 Tapo Canyon Road Quarterly W10, SV Lab# 9759 Sampled: 08/14/02
 Simi Valley, CA 93063 Report Number: ILH0634 Received: 08/14/02
 Attention: Barbara Santos

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers	
				ug/l	ug/l				
Sample ID: ILH0634-01 (W10 Comp., #9759 - Water)									
Fluorene	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002		
Hexachlorobenzene	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002		
Hexachlorobutadiene	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002		
Hexachlorocyclopentadiene	EPA 625	I2H1537	20	ND	0.9	8/15/2002	8/21/2002		
Hexachloroethane	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002		
Indeno(1,2,3-cd)pyrene	EPA 625	I2H1537	20	ND	0.9	8/15/2002	8/21/2002		
Isophorone	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002		
2-Methylnaphthalene	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002		
2-Methylphenol	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002		
4-Methylphenol	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002		
Naphthalene	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002		
2-Nitroaniline	EPA 625	I2H1537	20	ND	0.9	8/15/2002	8/21/2002		
3-Nitroaniline	EPA 625	I2H1537	20	ND	0.9	8/15/2002	8/21/2002		
4-Nitroaniline	EPA 625	I2H1537	20	ND	0.9	8/15/2002	8/21/2002		
Nitrobenzene	EPA 625	I2H1537	20	ND	0.9	8/15/2002	8/21/2002		
2-Nitrophenol	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002		
4-Nitrophenol	EPA 625	I2H1537	20	ND	0.9	8/15/2002	8/21/2002		
n-Nitrosodiphenylamine	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002	L	
n-Nitroso-di-n-propylamine	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002		
Pentachlorophenol	EPA 625	I2H1537	20	ND	0.9	8/15/2002	8/21/2002		
Phenanthrene	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002		
Phenol	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002		
Pyrene	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002		
1,2,4-Trichlorobenzene	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002		
2,4,5-Trichlorophenol	EPA 625	I2H1537	20	ND	0.9	8/15/2002	8/21/2002	L	
2,4,6-Trichlorophenol	EPA 625	I2H1537	20	ND	0.9	8/15/2002	8/21/2002		
1,2-Diphenylhydrazine/Azobenzene	EPA 625	I2H1537	20	ND	0.9	8/15/2002	8/21/2002	L	
n-Nitrosodimethylamine	EPA 625	I2H1537	20	ND	0.9	8/15/2002	8/21/2002		
Surrogate: 2-Fluorophenol (30-110%)					56 %				
Surrogate: Phenol-d6 (40-110%)					66 %				
Surrogate: 2,4,6-Tribromophenol (55-140%)					89 %				
Surrogate: Nitrobenzene-d5 (40-110%)					83 %				
Surrogate: 2-Fluorobiphenyl (40-120%)					86 %				
Surrogate: Terphenyl-d14 (55-160%)					97 %				
Cresol	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002		

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical.

City of Simi Valley, Water Quality Control Plant Project ID: Semi-annual Monitoring
 2929 Tapo Canyon Road Quarterly W10, SV Lab# 9759 Sampled: 08/14/02
 Simi Valley, CA 93063 Report Number: ILH0634 Received: 08/14/02
 Attention: Barbara Santos

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS (EPA 418.1)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
			mg/l	mg/l				
Sample ID: ILH0634-01 (W10 Comp., #9759 - Water)								
Total Recoverable Hydrocarbons	EPA 418.1	I2H2071	1.0	ND	1	8/20/2002	8/20/2002	

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical.

**ATTACHMENT 3
RECEIVING WATER RESULTS
W - 10**



City of Simi Valley, Water Quality Control Plant
 2929 Tapo Canyon Road
 Simi Valley, CA 93063
 Attention: Barbara Santos

Project ID: Semi-annual Monitoring
 Quarterly W12, SV Lab# 9761
 Report Number: ILH0639

Sampled: 08/14/02
 Received: 08/14/02

INORGANICS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
			mg/l	mg/l				
Sample ID: ILH0639-01 (W12 Comp., #9761 - Water)								
Oil & Grease	EPA 413.1	I2H2202	5.0	ND	1	8/21/2002	8/21/2002	
Surfactants (MBAS)	SM5540-C	I2H1561	0.10	0.11	1	8/15/2002	8/15/2002	

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical.

City of Simi Valley, Water Quality Control Plant Project ID: Semi-annual Monitoring
 2929 Tapo Canyon Road Quarterly W12, SV Lab# 9761
 Simi Valley, CA 93063 Report Number: ILH0639
 Attention: Barbara Santos

Sampled: 08/14/02
 Received: 08/14/02

CASE NARRATIVE

LABORATORY NUMBER	SAMPLE DESCRIPTION	SAMPLE MATRIX	ANALYSES
ILH0639-01	W12 Comp., #9761	Water	EPA 200.7 EPA 413.1 EPA 418.1 EPA 625 SM5540-C

SAMPLE RECEIPT: Samples were received intact, at 6°C, and with chain of custody documentation.

HOLDING TIMES: Holding times were met.

PRESERVATION: Samples requiring preservation were verified prior to sample analysis.

QA/QC CRITERIA: All analyses met method criteria, except as noted in the report with data qualifiers.

The Laboratory Control Sample recovery was above method control limits for several analytes in EPA 8270C QC batch I2H1537. The analytes were not detected in the samples; therefore, the data was not impacted.

COMMENTS: No significant observations were made.

SUBCONTRACTED: Refer to the attached cross-reference letter for analyses that were subcontracted to an outside laboratory.

DEL MAR ANALYTICAL, IRVINE (CA ELAP #1197)

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced.



Report Date: Tuesday, September 10, 2002
Received Date: Thursday, August 15, 2002

Log By: mq
Log Time: 11:09

Client: Del Mar Analytical
2852 Alton Parkway
Irvine, CA 92606

Phone: (949) 261-1022
FAX: (949) 261-1228

Attn.: Rachel Parker

Project: ILH0639

P.O. #:
Turnaround Time: Normal

CERTIFICATE OF ANALYSIS

Lab#: A205143-001
Sampled By: Client

Sample ID: ILH0639-01 *SV Lab. # 9761*
Date: 8/14/2002 Time: 13:50

Matrix: Water

Parameter	Result	Flag	Units	Dilution Factor	RL	Method	Analyzed	Worksheet #
<i>Prep. EPA 507 Date: 8/20/2002 By bn,aj</i>								
Alachlor	ND		ug/L	1	1.0	EPA 507	8/20/2002 fv/kk	WS36192
Atrazine	ND		ug/L	1	1.0	EPA 507	8/20/2002 fv/kk	WS36192
Bromacil	ND		ug/L	1	10	EPA 507	8/20/2002 fv/kk	WS36192
Butachlor	ND		ug/L	1	0.38	EPA 507	8/20/2002 fv/kk	WS36192
Diazinon	ND		ug/L	1	0.25	EPA 507	8/20/2002 fv/kk	WS36192
Dimethoate	ND		ug/L	1	10	EPA 507	8/20/2002 fv/kk	WS36192
Molinate	ND		ug/L	1	2.0	EPA 507	8/20/2002 fv/kk	WS36192
Prometryn	ND		ug/L	1	2.0	EPA 507	8/20/2002 fv/kk	WS36192
Simazine	ND		ug/L	1	1.0	EPA 507	8/20/2002 fv/kk	WS36192
Thiobencarb	ND		ug/L	1	1.0	EPA 507	8/20/2002 fv/kk	WS36192
Metolachlor	ND		ug/L	1	0.50	EPA 507	8/20/2002 fv/kk	WS36192
Metribuzin	ND		ug/L	1	0.50	EPA 507	8/20/2002 fv/kk	WS36192
Prometon	ND		ug/L	1	1.0	EPA 507	8/20/2002 fv/kk	WS36192
<i>Prep. EPA 508 Date: 8/21/2002 By jl</i>								
Aldrin	ND		ug/L	1	0.075	EPA 508	8/24/2002 fv/kk	WS36215
alpha-BHC	ND		ug/L	1	0.050	EPA 508	8/24/2002 fv/kk	WS36215
beta-BHC	ND		ug/L	1	0.050	EPA 508	8/24/2002 fv/kk	WS36215
delta-BHC	ND		ug/L	1	0.50	EPA 508	8/24/2002 fv/kk	WS36215
gamma-BHC (lindane)	ND		ug/L	1	0.20	EPA 508	8/24/2002 fv/kk	WS36215
4,4'-DDD	ND		ug/L	1	0.020	EPA 508	8/24/2002 fv/kk	WS36215
4,4'-DDE	ND		ug/L	1	0.010	EPA 508	8/24/2002 fv/kk	WS36215
4,4'-DDT	ND		ug/L	1	0.020	EPA 508	8/24/2002 fv/kk	WS36215
Dieldrin	ND		ug/L	1	0.020	EPA 508	8/24/2002 fv/kk	WS36215
Endosulfan I	ND		ug/L	1	0.020	EPA 508	8/24/2002 fv/kk	WS36215
Endosulfan II	ND		ug/L	1	0.010	EPA 508	8/24/2002 fv/kk	WS36215
Endosulfan sulfate	ND		ug/L	1	0.050	EPA 508	8/24/2002 fv/kk	WS36215
Endrin	ND		ug/L	1	0.10	EPA 508	8/24/2002 fv/kk	WS36215
Endrin aldehyde	ND		ug/L	1	0.050	EPA 508	8/24/2002 fv/kk	WS36215
Heptachlor	ND		ug/L	1	0.010	EPA 508	8/24/2002 fv/kk	WS36215
Heptachlor epoxide	ND		ug/L	1	0.010	EPA 508	8/24/2002 fv/kk	WS36215

Lab#: A205143



Client: Del Mar Analytical
Project Name: ILH0639

Report Date: Tuesday, September 10, 2002

CERTIFICATE OF ANALYSIS

Lab#: A205143-001
Sampled By: Client

Sample ID: ILH0639-01 SV LAB # 9761
Date: 8/14/2002 Time: 13:50

Matrix: Water

Parameter	Result	Flag	Units	Dilution Factor	RL	Method	Analyzed	Worksheet #
Methoxychlor	ND		ug/L	1	10	EPA 508	8/24/2002 fv/kk	WS36215
Chlorothalonil	ND		ug/L	1	5.0	EPA 508	8/24/2002 fv/kk	WS36215
Hexachlorobenzene	ND		ug/L	1	0.50	EPA 508	8/24/2002 fv/kk	WS36215
Hexachlorocyclopentadiene	ND		ug/L	1	1.0	EPA 508	8/24/2002 fv/kk	WS36215
Propachlor	ND		ug/L	1	0.50	EPA 508	8/24/2002 fv/kk	WS36215
Trifluralin	ND		ug/L	1	0.010	EPA 508	8/24/2002 fv/kk	WS36215
Chlordane	ND		ug/L	1	0.10	EPA 508	8/24/2002 fv/kk	WS36215
Toxaphene	ND		ug/L	1	1.0	EPA 508	8/24/2002 fv/kk	WS36215
Aroclor-1016	ND		ug/L	1	0.10	EPA 508	8/24/2002 fv/kk	WS36215
Aroclor-1221	ND		ug/L	1	0.10	EPA 508	8/24/2002 fv/kk	WS36215
Aroclor-1232	ND		ug/L	1	0.10	EPA 508	8/24/2002 fv/kk	WS36215
Aroclor-1242	ND		ug/L	1	0.10	EPA 508	8/24/2002 fv/kk	WS36215
Aroclor-1248	ND		ug/L	1	0.10	EPA 508	8/24/2002 fv/kk	WS36215
Aroclor-1254	ND		ug/L	1	0.10	EPA 508	8/24/2002 fv/kk	WS36215
Aroclor-1260	ND		ug/L	1	0.10	EPA 508	8/24/2002 fv/kk	WS36215


Authorized Signature

ELAP # 1132
LACSD # 10143

Flags for Data Qualifiers:

- B = Compound detected in the blank. Sample result equal or less than 10 times the concentration in the blank.
- J = Analyte was detected. However, the analyte concentration is an estimated value, which is between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL).
- H = Estimated value, result over the calibration range
- R = Result is suspect, LCS recovery greater than the upper control limit.
- L = Result is suspect, LCS recovery lower than the control limit.
- Q = QC result out of acceptance limits.
- T = Trace detection, detected but below the reporting limit.

Notes:

- The Chain of Custody document is part of the analytical report.
- Any remaining sample(s) for testing will be disposed of one month from the final report date unless other arrangements are made in advance.
- All results are expressed on wet weight basis unless specified.
- RL = Reporting Limit.
- ND = Not detected, below the reporting limit.
- Sub = Subcontracted analysis, original report enclosed.

City of Simi Valley, Water Quality Control Plant Project ID: Semi-annual Monitoring
 2929 Tapo Canyon Road Quarterly W12, SV Lab# 9761
 Simi Valley, CA 93063 Report Number: ILH0639
 Attention: Barbara Santos

Sampled: 08/14/02
 Received: 08/14/02

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Method	Batch	Reporting	Sample	Dilution	Date	Date	Data
			Limit	Result					Factor	Extracted	Analyzed	Qualifiers
			ug/l	ug/l				
Sample ID: ILH0639-01 (W12 Comp., #9761 - Water)								
Acenaphthene	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002	
Acenaphthylene	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002	
Aniline	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002	
Anthracene	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002	
Benzydine	EPA 625	I2H1537	20	ND	0.9	8/15/2002	8/21/2002	
Benzoic acid	EPA 625	I2H1537	20	ND	0.9	8/15/2002	8/21/2002	
Benzo(a)anthracene	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002	
Benzo(b)fluoranthene	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002	
Benzo(k)fluoranthene	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002	
Benzo(g,h,i)perylene	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002	
Benzo(a)pyrene	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002	
Benzyl alcohol	EPA 625	I2H1537	20	ND	0.9	8/15/2002	8/21/2002	
Bis(2-chloroethoxy)methane	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002	
Bis(2-chloroethyl)ether	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002	
Bis(2-chloroisopropyl)ether	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002	
Bis(2-ethylhexyl)phthalate	EPA 625	I2H1537	50	ND	0.9	8/15/2002	8/21/2002	
4-Bromophenyl phenyl ether	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002	
Butyl benzyl phthalate	EPA 625	I2H1537	20	ND	0.9	8/15/2002	8/21/2002	
4-Chloroaniline	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002	
2-Chloronaphthalene	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002	
4-Chloro-3-methylphenol	EPA 625	I2H1537	20	ND	0.9	8/15/2002	8/21/2002	L
2-Chlorophenol	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002	
4-Chlorophenyl phenyl ether	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002	
Chrysene	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002	
Dibenz(a,h)anthracene	EPA 625	I2H1537	20	ND	0.9	8/15/2002	8/21/2002	
Dibenzofuran	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002	
Di-n-butyl phthalate	EPA 625	I2H1537	20	ND	0.9	8/15/2002	8/21/2002	
1,3-Dichlorobenzene	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002	
1,4-Dichlorobenzene	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002	
1,2-Dichlorobenzene	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002	
3,3-Dichlorobenzidine	EPA 625	I2H1537	20	ND	0.9	8/15/2002	8/21/2002	
2,4-Dichlorophenol	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002	
Diethyl phthalate	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002	L
2,4-Dimethylphenol	EPA 625	I2H1537	20	ND	0.9	8/15/2002	8/21/2002	
Dimethyl phthalate	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002	L
4,6-Dinitro-2-methylphenol	EPA 625	I2H1537	20	ND	0.9	8/15/2002	8/21/2002	
2,4-Dinitrophenol	EPA 625	I2H1537	20	ND	0.9	8/15/2002	8/21/2002	
2,4-Dinitrotoluene	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002	
2,6-Dinitrotoluene	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002	
Di-n-octyl phthalate	EPA 625	I2H1537	20	ND	0.9	8/15/2002	8/21/2002	
Fluoranthene	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002	

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical.

City of Simi Valley, Water Quality Control Plant Project ID: Semi-annual Monitoring
 2929 Tapo Canyon Road Quarterly W12, SV Lab# 9761
 Simi Valley, CA 93063 Report Number: ILH0639
 Attention: Barbara Santos

Sampled: 08/14/02
 Received: 08/14/02

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Method	Batch	Reporting	Sample	Dilution	Date	Date	Data
			Limit	Result					Factor	Extracted	Analyzed	Qualifiers
			ug/l	ug/l				
Sample ID: ILH0639-01 (W12 Comp., #9761 - Water)								
Fluorene	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002	
Hexachlorobenzene	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002	
Hexachlorobutadiene	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002	
Hexachlorocyclopentadiene	EPA 625	I2H1537	20	ND	0.9	8/15/2002	8/21/2002	
Hexachloroethane	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002	
Indeno(1,2,3-cd)pyrene	EPA 625	I2H1537	20	ND	0.9	8/15/2002	8/21/2002	
Isophorone	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002	
2-Methylnaphthalene	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002	
2-Methylphenol	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002	
4-Methylphenol	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002	
Naphthalene	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002	
2-Nitroaniline	EPA 625	I2H1537	20	ND	0.9	8/15/2002	8/21/2002	
3-Nitroaniline	EPA 625	I2H1537	20	ND	0.9	8/15/2002	8/21/2002	
4-Nitroaniline	EPA 625	I2H1537	20	ND	0.9	8/15/2002	8/21/2002	
Nitrobenzene	EPA 625	I2H1537	20	ND	0.9	8/15/2002	8/21/2002	
2-Nitrophenol	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002	
4-Nitrophenol	EPA 625	I2H1537	20	ND	0.9	8/15/2002	8/21/2002	
n-Nitrosodiphenylamine	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002	L
n-Nitroso-di-n-propylamine	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002	
Pentachlorophenol	EPA 625	I2H1537	20	ND	0.9	8/15/2002	8/21/2002	
Phenanthrene	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002	
Phenol	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002	
Pyrene	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002	
1,2,4-Trichlorobenzene	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002	
2,4,5-Trichlorophenol	EPA 625	I2H1537	20	ND	0.9	8/15/2002	8/21/2002	L
2,4,6-Trichlorophenol	EPA 625	I2H1537	20	ND	0.9	8/15/2002	8/21/2002	
1,2-Diphenylhydrazine/Azobenzene	EPA 625	I2H1537	20	ND	0.9	8/15/2002	8/21/2002	L
n-Nitrosodimethylamine	EPA 625	I2H1537	20	ND	0.9	8/15/2002	8/21/2002	
Surrogate: 2-Fluorophenol (30-110%)				77 %				
Surrogate: Phenol-d6 (40-110%)				83 %				
Surrogate: 2,4,6-Tribromophenol (55-140%)				107 %				
Surrogate: Nitrobenzene-d5 (40-110%)				84 %				
Surrogate: 2-Fluorobiphenyl (40-120%)				92 %				
Surrogate: Terphenyl-d14 (55-160%)				95 %				
Cresol	EPA 625	I2H1537	10	ND	0.9	8/15/2002	8/21/2002	

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical.

City of Simi Valley, Water Quality Control Plant
 2929 Tapo Canyon Road
 Simi Valley, CA 93063
 Attention: Barbara Santos

Project ID: Semi-annual Monitoring
 Quarterly W12, SV Lab# 9761
 Report Number: ILH0639

Sampled: 08/14/02
 Received: 08/14/02

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS (EPA 418.1)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ILH0639-01 (W12 Comp., #9761 - Water)				mg/l	mg/l			
Total Recoverable Hydrocarbons	EPA 418.1	I2H2071	1.0	ND	1	8/20/2002	8/20/2002	

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, in whole or in part, without written permission from Del Mar Analytical.

ATTACHMENT 4
QA/QC REPORT

City of Simi Valley, Water Quality Control Plant
 2929 Tapo Canyon Road
 Simi Valley, CA 93063
 Attention: Barbara Santos

 Project ID: Semi-annual Monitoring
 Quarterly W12, SV Lab# 9761
 Report Number: ILH0639

 Sampled: 08/14/02
 Received: 08/14/02

METHOD BLANK/QC DATA
METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	RPD Limits RPD	RPD Limit	Data Qualifiers
Batch: I2H1558 Extracted: 08/15/02									
Blank Analyzed: 08/16/02 (I2H1558-BLK1)									
Arsenic	ND	0.0050	mg/l						
Cadmium	ND	0.0050	mg/l						
Chromium	ND	0.0050	mg/l						
Copper	ND	0.010	mg/l						
Lead	ND	0.0050	mg/l						
Nickel	ND	0.010	mg/l						
Zinc	ND	0.020	mg/l						
LCS Analyzed: 08/16/02 (I2H1558-BS1)									
Arsenic	0.528	0.0050	mg/l	0.500		106	85-115		
Cadmium	0.522	0.0050	mg/l	0.500		104	85-115		
Chromium	0.516	0.0050	mg/l	0.500		103	85-115		
Copper	0.514	0.010	mg/l	0.500		103	85-115		
Lead	0.515	0.0050	mg/l	0.500		103	85-115		
Nickel	0.522	0.010	mg/l	0.500		104	85-115		
Zinc	0.522	0.020	mg/l	0.500		104	85-115		
Matrix Spike Analyzed: 08/16/02 (I2H1558-MS1)				Source: ILH0608-01RE1					
Arsenic	0.530	0.0050	mg/l	0.500	ND	106	70-130		
Cadmium	0.502	0.0050	mg/l	0.500	ND	100	70-130		
Chromium	0.502	0.0050	mg/l	0.500	ND	100	70-130		
Copper	0.545	0.010	mg/l	0.500	ND	108	70-130		
Lead	0.501	0.0050	mg/l	0.500	ND	100	70-130		
Nickel	0.509	0.010	mg/l	0.500	ND	102	70-130		
Zinc	0.526	0.020	mg/l	0.500	ND	102	70-130		
Matrix Spike Dup Analyzed: 08/16/02 (I2H1558-MSD1)				Source: ILH0608-01RE1					
Arsenic	0.528	0.0050	mg/l	0.500	ND	106	70-130	0	20
Cadmium	0.503	0.0050	mg/l	0.500	ND	101	70-130	0	20
Chromium	0.501	0.0050	mg/l	0.500	ND	100	70-130	0	20
Copper	0.546	0.010	mg/l	0.500	ND	109	70-130	0	20
Lead	0.500	0.0050	mg/l	0.500	ND	100	70-130	0	20
Nickel	0.511	0.010	mg/l	0.500	ND	102	70-130	0	20
Zinc	0.528	0.020	mg/l	0.500	ND	102	70-130	0	20

 Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical.

City of Simi Valley, Water Quality Control Plant Project ID: Semi-annual Monitoring
 2929 Tapo Canyon Road Quarterly W12, SV Lab# 9761 Sampled: 08/14/02
 Simi Valley, CA 93063 Report Number: ILH0639 Received: 08/14/02
 Attention: Barbara Santos

METHOD BLANK/QC DATA

INORGANICS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: I2H1561 Extracted: 08/15/02										
Blank Analyzed: 08/15/02 (I2H1561-BLK1)										
Surfactants (MBAS)	ND	0.10	mg/l							
LCS Analyzed: 08/15/02 (I2H1561-BS1)										
Surfactants (MBAS)	0.276	0.10	mg/l	0.250		110	90-110			
Matrix Spike Analyzed: 08/15/02 (I2H1561-MS1)										
Surfactants (MBAS)	0.295	0.10	mg/l	0.250	0.11	74	50-125			
Matrix Spike Dup Analyzed: 08/15/02 (I2H1561-MSD1)										
Surfactants (MBAS)	0.303	0.10	mg/l	0.250	0.11	77	50-125	3	20	
Batch: I2H2202 Extracted: 08/21/02										
Blank Analyzed: 08/21/02 (I2H2202-BLK1)										
Oil & Grease	ND	5.0	mg/l							
LCS Analyzed: 08/21/02 (I2H2202-BS1)										
Oil & Grease	19.0	5.0	mg/l	20.0		95	80-120			
LCS Dup Analyzed: 08/21/02 (I2H2202-BSD1)										
Oil & Grease	18.8	5.0	mg/l	20.0		94	80-120	1	20	M-NRI

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical.



Client: Del Mar Analytical
Project Name: ILH0639

QC Report Date: Tuesday, September 10, 2002
Project #:

QUALITY CONTROL REPORT

QC Lab#	TestGroup	Parameter	Sample Result	QC Result	Units	Amt. Added/ True Value	%R or RPD	%RPD for MSD	Low Limit	High Limit
A205143-001MS	507_ms	Alachlor	ND	3.16	ug/L	4	79		60	130
A205143-001MS	507_ms	Atrazine	ND	ND	ug/L	1	78.7		57	127
A205143-001MS	507_ms	Bromacil	ND	18.3	ug/L	20	91.5		56	126
A205143-001MS	507_ms	Butachlor	ND	1.61	ug/L	2	80.3		58	128
A205143-001MS	507_ms	Diazinon	ND	0.849	ug/L	1	84.9		58	128
A205143-001MS	507_ms	Metolachlor	ND	1.43	ug/L	2	71.5		23	149
A205143-001MS	507_ms	Metribuzin	ND	1.73	ug/L	2	86.7		66	136
A205143-001MS	507_ms	Molinate	ND	ND	ug/L	1	76.4		63	133
A205143-001MS	507_ms	Prometryn	ND	ND	ug/L	1	82.3		58	128
A205143-001MS	507_ms	Simazine	ND	ND	ug/L	1	86.4		65	135
A205143-001MS	507_ms	Thiobencarb	ND	3.12	ug/L	4	78		26	167
A205143-001MSD	507_msd	Alachlor	ND	3.72	ug/L	4	93	16	60	130
A205143-001MSD	507_msd	Atrazine	ND	ND	ug/L	1	95	19	57	127
A205143-001MSD	507_msd	Bromacil	ND	22.7	ug/L	20	113.4	21	56	126
A205143-001MSD	507_msd	Butachlor	ND	1.89	ug/L	2	94.5	16	58	128
A205143-001MSD	507_msd	Diazinon	ND	1.03	ug/L	1	102.9	19	58	128
A205143-001MSD	507_msd	Metolachlor	ND	1.68	ug/L	2	84	16	23	149
A205143-001MSD	507_msd	Metribuzin	ND	2.17	ug/L	2	108.5	22	66	136
A205143-001MSD	507_msd	Molinate	ND	ND	ug/L	1	90	16	63	133
A205143-001MSD	507_msd	Prometryn	ND	ND	ug/L	1	98.5	18	58	128
A205143-001MSD	507_msd	Simazine	ND	1.07	ug/L	1	107.4	22	65	135
A205143-001MSD	507_msd	Thiobencarb	ND	3.74	ug/L	4	93.4	18	26	167
A205143-001SURR	507_sur	1,3-dimethyl-2-nitrobenzene		2.30	ug/L	2.5	92		70	130
A205145-001SURR	507_sur	1,3-dimethyl-2-nitrobenzene		2.48	ug/L	2.5	99.2		70	130
A205147-001SURR	507_sur	1,3-dimethyl-2-nitrobenzene		2.29	ug/L	2.5	91.6		70	130
A205182-001SURR	507_sur	1,3-dimethyl-2-nitrobenzene		2.16	ug/L	2.5	86.4		70	130
A205182-002SURR	507_sur	1,3-dimethyl-2-nitrobenzene		2.21	ug/L	2.5	88.4		70	130
LCS	507_lcs	Alachlor		3.36	ug/L	4	84		25	160
LCS	507_lcs	Atrazine		ND	ug/L	1	82.5		22	156
LCS	507_lcs	Bromacil		19.0	ug/L	20	95		28	168
LCS	507_lcs	Butachlor		1.72	ug/L	2	86		23	160
LCS	507_lcs	Diazinon		0.917	ug/L	1	91.7		14	157
LCS	507_lcs	Metolachlor		1.56	ug/L	2	78.3		34	138
LCS	507_lcs	Metribuzin		1.89	ug/L	2	94.5		44	132
LCS	507_lcs	Molinate		ND	ug/L	1	79.7		24	163
LCS	507_lcs	Prometryn		ND	ug/L	1	88.3		21	160
LCS	507_lcs	Simazine		ND	ug/L	1	88.4		29	162

Note:

ND = Not Detected MS = Matrix Spike MSD = Matrix Spike Duplicate SURR = Surrogate
BL = Blank DUP = Duplicate RPD = Relative Percent Deviation LCS = Laboratory Control Standard



Client: Del Mar Analytical
Project Name: LH0639

QC Report Date: Tuesday, September 10, 2002
Project #:

QUALITY CONTROL REPORT

QC Lab#	TestGroup	Parameter	Sample Result	QC Result	Units	Amt. Added/ True Value	%R or RPD	%RPD for MSD	Low Limit	High Limit
LCS	507_lcs	Thiobencarb		3.40	ug/L	4	85	33	154	
Method Blank	507_bl	Alachlor		ND	ug/L		0			1
Method Blank	507_bl	Atrazine		ND	ug/L		0			1
Method Blank	507_bl	Bromacil		ND	ug/L		0			10
Method Blank	507_bl	Butachlor		ND	ug/L		0			0.38
Method Blank	507_bl	Diazinon		ND	ug/L		0			0.25
Method Blank	507_bl	Dimethoate		ND	ug/L		0			10
Method Blank	507_bl	Metolachlor		ND	ug/L		0			0.5
Method Blank	507_bl	Metribuzin		ND	ug/L		0			0.5
Method Blank	507_bl	Molinate		ND	ug/L		0			2
Method Blank	507_bl	Prometon		ND	ug/L		0			1
Method Blank	507_bl	Prometryn		ND	ug/L		0			2
Method Blank	507_bl	Simazine		ND	ug/L		0			1
Method Blank	507_bl	Thiobencarb		ND	ug/L		0			1

Worksheet #:	Lab#:	Test Name	Analyzed Date
WS36192	A205143-001	Triazine pesticides in drinking water	8/20/2002
WS36192	A205145-001	Triazine pesticides in drinking water	8/20/2002
WS36192	A205147-001	Triazine pesticides in drinking water	8/20/2002
WS36192	A205182-001	Triazine pesticides in drinking water	8/20/2002
WS36192	A205182-002	Triazine pesticides in drinking water	8/20/2002

Note:

ND = Not Detected MS = Matrix Spike MSD = Matrix Spike Duplicate SURR = Surrogate
BL = Blank DUP = Duplicate RPD = Relative Percent Deviation LCS = Laboratory Control Standard



Client: Del Mar Analytical
Project Name: ILH0639

QC Report Date: Tuesday, September 10, 2002
Project #:

QUALITY CONTROL REPORT

QC Lab#	TestGroup	Parameter	Sample Result	QC Result	Units	Amt. Added/ True Value	%R or RPD	%RPD for MSD	Low Limit	High Limit
A205143-001SURR	508_surr	2,4,5,6-tetrachloro-m-xylene		0.0950	ug/L	0.1	95		70	130
A205143-001SURR	508_surr	decachlorobiphenyl		0.0920	ug/L	0.1	92		70	130
A205145-001SURR	508_surr	2,4,5,6-tetrachloro-m-xylene		0.0800	ug/L	0.1	80		70	130
A205145-001SURR	508_surr	decachlorobiphenyl		0.0850	ug/L	0.1	85		70	130
A205147-001SURR	508_surr	2,4,5,6-tetrachloro-m-xylene		0.0920	ug/L	0.1	92		70	130
A205147-001SURR	508_surr	decachlorobiphenyl		0.0820	ug/L	0.1	82		70	130
A205167-003MS	508_ms	4,4'-DDD	ND	0.486	ug/L	0.1	466		72	142
		<i>QC Notes: high bias, but sample's not detected</i>								
A205167-003MS	508_ms	4,4'-DDE	ND	0.247	ug/L	0.1	247		64	134
		<i>QC Notes: high bias, but sample's not detected</i>								
A205167-003MS	508_ms	4,4'-DDT	ND	0.641	ug/L	0.1	641		77	147
		<i>QC Notes: high bias, but sample's not detected</i>								
A205167-003MS	508_ms	Aldrin	ND	0.114	ug/L	0.1	114		51	121
A205167-003MS	508_ms	alpha-BHC	ND	0.170	ug/L	0.1	170		57	127
		<i>QC Notes: high bias, but sample's not detected</i>								
A205167-003MS	508_ms	beta-BHC	ND	0.175	ug/L	0.1	175		60	130
		<i>QC Notes: high bias, but sample's not detected</i>								
A205167-003MS	508_ms	delta-BHC	ND	0.174	ug/L	0.1	174		67	137
		<i>QC Notes: high bias, but sample's not detected</i>								
A205167-003MS	508_ms	Dieldrin	ND	0.161	ug/L	0.1	161		52	122
		<i>QC Notes: high bias, but sample's not detected</i>								
A205167-003MS	508_ms	Endosulfan I	ND	0.175	ug/L	0.1	175		52	122
		<i>QC Notes: high bias, but sample's not detected</i>								
A205167-003MS	508_ms	Endosulfan II	ND	0.342	ug/L	0.1	342		57	127
		<i>QC Notes: high bias, but sample's not detected</i>								
A205167-003MS	508_ms	Endosulfan sulfate	ND	0.320	ug/L	0.1	320		67	137
		<i>QC Notes: high bias, but sample's not detected</i>								
A205167-003MS	508_ms	Endrin	ND	0.168	ug/L	0.1	168		53	123
		<i>QC Notes: high bias, but sample's not detected</i>								
A205167-003MS	508_ms	Endrin aldehyde	ND	0.287	ug/L	0.1	287		53	123
		<i>QC Notes: high bias, but sample's not detected</i>								
A205167-003MS	508_ms	gamma-BHC (lindane)	ND	0.132	ug/L	0.1	132		54	124
		<i>QC Notes: high bias, but sample's not detected</i>								
A205167-003MS	508_ms	Heptachlor	ND	0.143	ug/L	0.1	143		63	133
		<i>QC Notes: high bias, but sample's not detected</i>								
A205167-003MS	508_ms	Heptachlor epoxide	ND	0.174	ug/L	0.1	174		52	122
		<i>QC Notes: high bias, but sample's not detected</i>								

Note:

ND = Not Detected MS = Matrix Spike MSD = Matrix Spike Duplicate SURR = Surrogate
BL = Blank DUP = Duplicate RPD = Relative Percent Deviation LCS = Laboratory Control Standard



Client: Del Mar Analytical
Project Name: ILH0639

QC Report Date: Tuesday, September 10, 2002
Project #:

QUALITY CONTROL REPORT

QC Lab#	TestGroup	Parameter	Sample Result	QC Result	Units	Amt. Added/ True Value	%R or RPD	%RPD for MSD	Low Limit	High Limit
A205167-003MS	508_ms	Methoxychlor	ND	0.528	ug/L	0.1	528		70	140
		<i>QC Notes: high bias, but sample's not detected</i>								
A205167-003MSD	508_msd	4,4'-DDD	ND	0.147	ug/L	0.1	147	104	72	142
A205167-003MSD	508_msd	4,4'-DDE	ND	0.135	ug/L	0.1	135	59	64	134
A205167-003MSD	508_msd	4,4'-DDT	ND	0.222	ug/L	0.1	222	97	77	147
A205167-003MSD	508_msd	Aldrin	ND	0.0260	ug/L	0.1	26	126	51	121
A205167-003MSD	508_msd	alpha-BHC	ND	0.163	ug/L	0.1	163	4	57	127
A205167-003MSD	508_msd	beta-BHC	ND	0.144	ug/L	0.1	144	19	60	130
A205167-003MSD	508_msd	delta-BHC	ND	0.144	ug/L	0.1	144	19	67	137
A205167-003MSD	508_msd	Dieldrin	ND	0.126	ug/L	0.1	126	24	52	122
A205167-003MSD	508_msd	Endosulfan I	ND	0.171	ug/L	0.1	171	2	52	122
A205167-003MSD	508_msd	Endosulfan II	ND	0.149	ug/L	0.1	149	79	57	127
A205167-003MSD	508_msd	Endosulfan sulfate	ND	0.161	ug/L	0.1	161	66	67	137
A205167-003MSD	508_msd	Endrin	ND	0.157	ug/L	0.1	157	7	53	123
A205167-003MSD	508_msd	Endrin aldehyde	ND	0.206	ug/L	0.1	206	33	53	123
A205167-003MSD	508_msd	gamma-BHC (lindane)	ND	0.129	ug/L	0.1	129	2	54	124
A205167-003MSD	508_msd	Heptachlor	ND	0.143	ug/L	0.1	143	0	63	133
A205167-003MSD	508_msd	Heptachlor epoxide	ND	0.157	ug/L	0.1	157	10	52	122
A205167-003MSD	508_msd	Methoxychlor	ND	0.185	ug/L	0.1	185	96	70	140
A205167-003SURR	508_surr	2,4,5,6-tetrachloro-m-xylene		0.0950	ug/L	0.1	95		70	130
A205167-003SURR	508_surr	decachlorobiphenyl		0.0940	ug/L	0.1	94		70	130
A205167-004SURR	508_surr	2,4,5,6-tetrachloro-m-xylene		0.0900	ug/L	0.1	90		70	130
A205167-004SURR	508_surr	decachlorobiphenyl		0.0990	ug/L	0.1	99		70	130
LCS	508_lcs	4,4'-DDD		0.147	ug/L	0.1	147		45	130
		<i>QC Notes: high bias, but sample's not detected</i>								
LCS	508_lcs	4,4'-DDE		0.134	ug/L	0.1	134		48	126
		<i>QC Notes: high bias, but sample's not detected</i>								
LCS	508_lcs	4,4'-DDT		0.201	ug/L	0.1	201		33	146
		<i>QC Notes: high bias, but sample's not detected</i>								
LCS	508_lcs	Aldrin		0.134	ug/L	0.1	134		40	129
		<i>QC Notes: high bias, but sample's not detected</i>								
LCS	508_lcs	alpha-BHC		0.129	ug/L	0.1	129		34	127
		<i>QC Notes: high bias, but sample's not detected</i>								
LCS	508_lcs	beta-BHC		0.135	ug/L	0.1	135		41	141
LCS	508_lcs	delta-BHC		0.137	ug/L	0.1	137		34	139
LCS	508_lcs	Dieldrin		0.106	ug/L	0.1	106		47	128
LCS	508_lcs	Endosulfan I		0.120	ug/L	0.1	120		49	123

Note:

ND = Not Detected MS = Matrix Spike MSD = Matrix Spike Duplicate SURR = Surrogate
BL = Blank DUP = Duplicate RPD = Relative Percent Deviation LCS = Laboratory Control Standard



Client: Del Mar Analytical
Project Name: ILH0639

QC Report Date: Tuesday, September 10, 2002
Project #:

QUALITY CONTROL REPORT

QC Lab#	TestGroup	Parameter	Sample Result	QC Result	Units	Amt. Added/ True Value	%R or RPD	%RPD for MSD	Low Limit	High Limit
LCS	508_lcs	Endosulfan II		0.145	ug/L	0.1	145		50	117
		<i>QC Notes: high bias, but sample's not detected</i>								
LCS	508_lcs	Endosulfan sulfate		0.147	ug/L	0.1	147		31	211
LCS	508_lcs	Endrin		0.156	ug/L	0.1	156		32	163
LCS	508_lcs	Endrin aldehyde		0.267	ug/L	0.1	267		40	139
		<i>QC Notes: high bias, but sample's not detected</i>								
LCS	508_lcs	gamma-BHC (lindane)		0.130	ug/L	0.1	130		42	134
LCS	508_lcs	Heptachlor		0.135	ug/L	0.1	135		35	151
LCS	508_lcs	Heptachlor epoxide		0.151	ug/L	0.1	151		53	128
		<i>QC Notes: high bias, but sample's not detected</i>								
LCS	508_lcs	Methoxychlor		0.165	ug/L	0.1	165		64	146
		<i>QC Notes: high bias, but sample's not detected</i>								
Method Blank	508_bl	4,4'-DDD		ND	ug/L		0			0.02
Method Blank	508_bl	4,4'-DDE		ND	ug/L		0			0.01
Method Blank	508_bl	4,4'-DDT		ND	ug/L		0			0.02
Method Blank	508_bl	Aldrin		ND	ug/L		0			0.075
Method Blank	508_bl	alpha-BHC		ND	ug/L		0			0.05
Method Blank	508_bl	Aroclor-1016		ND	ug/L		0			0.1
Method Blank	508_bl	Aroclor-1221		ND	ug/L		0			0.1
Method Blank	508_bl	Aroclor-1232		ND	ug/L		0			0.1
Method Blank	508_bl	Aroclor-1242		ND	ug/L		0			0.1
Method Blank	508_bl	Aroclor-1248		ND	ug/L		0			0.1
Method Blank	508_bl	Aroclor-1254		ND	ug/L		0			0.1
Method Blank	508_bl	Aroclor-1260		ND	ug/L		0			0.1
Method Blank	508_bl	beta-BHC		ND	ug/L		0			0.05
Method Blank	508_bl	Chlordane		ND	ug/L		0			0.1
Method Blank	508_bl	Chlorothalonil		ND	ug/L		0			5
Method Blank	508_bl	delta-BHC		ND	ug/L		0			0.5
Method Blank	508_bl	Dieldrin		ND	ug/L		0			0.02
Method Blank	508_bl	Endosulfan I		ND	ug/L		0			0.02
Method Blank	508_bl	Endosulfan II		ND	ug/L		0			0.01
Method Blank	508_bl	Endosulfan sulfate		ND	ug/L		0			0.05
Method Blank	508_bl	Endrin		ND	ug/L		0			0.1
Method Blank	508_bl	Endrin aldehyde		ND	ug/L		0			0.05
Method Blank	508_bl	gamma-BHC (lindane)		ND	ug/L		0			0.2
Method Blank	508_bl	Heptachlor		ND	ug/L		0			0.01
Method Blank	508_bl	Heptachlor epoxide		ND	ug/L		0			0.01

Note:

ND = Not Detected MS = Matrix Spike MSD = Matrix Spike Duplicate SURR = Surrogate
BL = Blank DUP = Duplicate RPD = Relative Percent Deviation LCS = Laboratory Control Standard



Client: Del Mar Analytical
Project Name: ILH0639

QC Report Date: Tuesday, September 10, 2002
Project #:

QUALITY CONTROL REPORT

QC Lab#	TestGroup	Parameter	Sample Result	QC Result	Units	Amt. Added/ True Value	%R or RPD	%RPD for MSD	Low Limit	High Limit
Method Blank	508_bl	Hexachlorobenzene		ND	ug/L			0		0.5
Method Blank	508_bl	Methoxychlor		ND	ug/L			0		10
Method Blank	508_bl	Propachlor		ND	ug/L			0		0.5
Method Blank	508_bl	Toxaphene		ND	ug/L			0		1
Method Blank	508_bl	Trifluralin		ND	ug/L			0		0.01

Worksheet #:	Lab#:	Test Name	Analyzed Date
WS36215	A205143-001	Organochlorine Pesticides by L-L extract	8/24/2002
WS36215	A205145-001	Organochlorine Pesticides by L-L extract	8/24/2002
WS36215	A205147-001	Organochlorine Pesticides by L-L extract	8/24/2002
WS36215	A205167-003	Organochlorine Pesticides by L-L extract	8/24/2002
WS36215	A205167-004	Organochlorine Pesticides by L-L extract	8/24/2002

Note:

ND = Not Detected MS = Matrix Spike MSD = Matrix Spike Duplicate SURR = Surrogate
BL = Blank DUP = Duplicate RPD = Relative Percent Deviation LCS = Laboratory Control Standard

City of Simi Valley, Water Quality Control Plant Project ID: Semi-annual Monitoring
 2929 Tapo Canyon Road Quarterly W12, SV Lab# 9761 Sampled: 08/14/02
 Simi Valley, CA 93063 Report Number: ILH0639 Received: 08/14/02
 Attention: Barbara Santos

METHOD BLANK/QC DATA

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD RPD	RPD Limit	Data Qualifiers
Batch: I2H1537 Extracted: 08/15/02										
Blank Analyzed: 08/20/02 (I2H1537-BLK1)										
Acenaphthene	ND	10	ug/l							
Acenaphthylene	ND	10	ug/l							
Aniline	ND	10	ug/l							
Anthracene	ND	10	ug/l							
Benzidine	ND	20	ug/l							
Benzoic acid	ND	20	ug/l							
Benzo(a)anthracene	ND	10	ug/l							
Benzo(b)fluoranthene	ND	10	ug/l							
Benzo(k)fluoranthene	ND	10	ug/l							
Benzo(g,h,i)perylene	ND	10	ug/l							
Benzo(a)pyrene	ND	10	ug/l							
Benzyl alcohol	ND	20	ug/l							
Bis(2-chloroethoxy)methane	ND	10	ug/l							
Bis(2-chloroethyl)ether	ND	10	ug/l							
Bis(2-chloroisopropyl)ether	ND	10	ug/l							
Bis(2-ethylhexyl)phthalate	ND	50	ug/l							
4-Bromophenyl phenyl ether	ND	10	ug/l							
Butyl benzyl phthalate	ND	20	ug/l							
4-Chloroaniline	ND	10	ug/l							
2-Chloronaphthalene	ND	10	ug/l							
4-Chloro-3-methylphenol	ND	20	ug/l							
2-Chlorophenol	ND	10	ug/l							
4-Chlorophenyl phenyl ether	ND	10	ug/l							
Chrysene	ND	10	ug/l							
Dibenz(a,h)anthracene	ND	20	ug/l							
Dibenzofuran	ND	10	ug/l							
Di-n-butyl phthalate	ND	20	ug/l							
1,3-Dichlorobenzene	ND	10	ug/l							
1,4-Dichlorobenzene	ND	10	ug/l							
1,2-Dichlorobenzene	ND	10	ug/l							
3,3-Dichlorobenzidine	ND	20	ug/l							
2,4-Dichlorophenol	ND	10	ug/l							
Diethyl phthalate	ND	10	ug/l							
2,4-Dimethylphenol	ND	20	ug/l							
Dimethyl phthalate	ND	10	ug/l							
4,6-Dinitro-2-methylphenol	ND	20	ug/l							

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical.

City of Simi Valley, Water Quality Control Plant Project ID: Semi-annual Monitoring
 2929 Tapo Canyon Road Quarterly W12, SV Lab# 9761
 Simi Valley, CA 93063 Report Number: ILH0639
 Attention: Barbara Santos

Sampled: 08/14/02
 Received: 08/14/02

METHOD BLANK/QC DATA

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC Limits	RPD RPD	RPD Limit	Data Qualifiers
Batch: I2H1537 Extracted: 08/15/02									
Blank Analyzed: 08/20/02 (I2H1537-BLK1)									
Surrogate: 2,4,6-Tribromophenol	176		ug/l	200		88 55-140			
Surrogate: Nitrobenzene-d5	74.3		ug/l	100		74 40-110			
Surrogate: 2-Fluorobiphenyl	78.3		ug/l	100		78 40-120			
Surrogate: Terphenyl-d14	86.4		ug/l	100		86 55-160			
LCS Analyzed: 08/20/02 (I2H1537-BS1)									
Acenaphthene	104	10	ug/l	100		104 55-120			
Acenaphthylene	107	10	ug/l	100		107 55-120			
Aniline	90.0	10	ug/l	100		90 30-120			
Anthracene	110	10	ug/l	100		110 65-120			
Benzdine	96.6	20	ug/l	100		97 10-200			
Benzoic acid	99.9	20	ug/l	100		100 25-120			
Benzo(a)anthracene	112	10	ug/l	100		112 70-125			
Benzo(b)fluoranthene	104	10	ug/l	100		104 65-125			
Benzo(k)fluoranthene	112	10	ug/l	100		112 65-135			
Benzo(g,h,i)perylene	119	10	ug/l	100		119 25-150			
Benzo(a)pyrene	109	10	ug/l	100		109 70-125			
Benzyl alcohol	110	20	ug/l	100		110 45-120			
Bis(2-chloroethoxy)methane	103	10	ug/l	100		103 50-120			
Bis(2-chloroethyl)ether	102	10	ug/l	100		102 45-120			
Bis(2-chloroisopropyl)ether	96.9	10	ug/l	100		97 36-120			
Bis(2-ethylhexyl)phthalate	115	50	ug/l	100		115 65-140			
4-Bromophenyl phenyl ether	118	10	ug/l	100		118 55-120			
Butyl benzyl phthalate	109	20	ug/l	100		109 70-135			
4-Chloroaniline	105	10	ug/l	100		105 25-120			
2-Chloronaphthalene	103	10	ug/l	100		103 60-118			
4-Chloro-3-methylphenol	121	20	ug/l	100		121 55-120			L
2-Chlorophenol	103	10	ug/l	100		103 45-120			
4-Chlorophenyl phenyl ether	118	10	ug/l	100		118 60-120			
Chrysene	112	10	ug/l	100		112 70-130			
Dibenz(a,h)anthracene	124	20	ug/l	100		124 50-130			
Dibenzofuran	116	10	ug/l	100		116 55-120			
Di-n-butyl phthalate	114	20	ug/l	100		114 60-118			
1,3-Dichlorobenzene	88.9	10	ug/l	100		89 30-120			
1,4-Dichlorobenzene	90.9	10	ug/l	100		91 35-120			
1,2-Dichlorobenzene	93.4	10	ug/l	100		93 45-120			

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical.

City of Simi Valley, Water Quality Control Plant Project ID: Semi-annual Monitoring
 2929 Tapo Canyon Road Quarterly W12, SV Lab# 9761 Sampled: 08/14/02
 Simi Valley, CA 93063 Report Number: ILH0639 Received: 08/14/02
 Attention: Barbara Santos

METHOD BLANK/QC DATA

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: I2H1537 Extracted: 08/15/02										
LCS Analyzed: 08/20/02 (I2H1537-BS1)										
3,3-Dichlorobenzidine	124	20	ug/l	100		124	35-145			
2,4-Dichlorophenol	110	10	ug/l	100		110	50-120			
Diethyl phthalate	122	10	ug/l	100		122	65-114			L
2,4-Dimethylphenol	84.1	20	ug/l	100		84	32-119			
Dimethyl phthalate	114	10	ug/l	100		114	65-112			L
4,6-Dinitro-2-methylphenol	104	20	ug/l	100		104	65-125			
2,4-Dinitrophenol	90.3	20	ug/l	100		90	40-125			
2,4-Dinitrotoluene	115	10	ug/l	100		115	65-120			
2,6-Dinitrotoluene	118	10	ug/l	100		118	65-120			
Di-n-octyl phthalate	123	20	ug/l	100		123	55-146			
Fluoranthene	105	10	ug/l	100		105	70-120			
Fluorene	114	10	ug/l	100		114	59-120			
Hexachlorobenzene	111	10	ug/l	100		111	60-120			
Hexachlorobutadiene	106	10	ug/l	100		106	35-116			
Hexachlorocyclopentadiene	82.5	20	ug/l	100		82	10-120			
Hexachloroethane	92.0	10	ug/l	100		92	40-113			
Indeno(1,2,3-cd)pyrene	122	20	ug/l	100		122	40-135			
Isophorone	109	10	ug/l	100		109	50-120			
2-Methylnaphthalene	106	10	ug/l	100		106	55-120			
2-Methylphenol	107	10	ug/l	100		107	45-120			
4-Methylphenol	103	10	ug/l	100		103	45-120			
Naphthalene	101	10	ug/l	100		101	45-120			
2-Nitroaniline	121	20	ug/l	100		121	50-135			
3-Nitroaniline	112	20	ug/l	100		112	50-125			
4-Nitroaniline	123	20	ug/l	100		123	55-140			
Nitrobenzene	106	20	ug/l	100		106	45-120			
2-Nitrophenol	111	10	ug/l	100		111	50-120			
4-Nitrophenol	111	20	ug/l	100		111	50-132			
n-Nitrosodiphenylamine	124	10	ug/l	100		124	45-120			L
n-Nitroso-di-n-propylamine	109	10	ug/l	100		109	45-125			
Pentachlorophenol	124	20	ug/l	100		124	50-130			
Phenanthrene	111	10	ug/l	100		111	65-120			
Phenol	99.7	10	ug/l	100		100	35-112			
Pyrene	105	10	ug/l	100		105	65-115			
1,2,4-Trichlorobenzene	103	10	ug/l	100		103	50-120			
2,4,5-Trichlorophenol	123	20	ug/l	100		123	55-120			L

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical.

City of Simi Valley, Water Quality Control Plant Project ID: Semi-annual Monitoring
 2929 Tapo Canyon Road Quarterly W12, SV Lab# 9761
 Simi Valley, CA 93063 Report Number: ILH0639
 Attention: Barbara Santos

 Sampled: 08/14/02
 Received: 08/14/02

METHOD BLANK/QC DATA
ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC Limits	RPD RPD	RPD Limit	Data Qualifiers
Batch: I2H1537 Extracted: 08/15/02									
LCS Analyzed: 08/20/02 (I2H1537-BS1)									
2,4,6-Trichlorophenol	117	20	ug/l	100		117 55-120			
1,2-Diphenylhydrazine/Azobenzene	129	20	ug/l	100		129 50-125			L
Surrogate: 2-Fluorophenol	170		ug/l	200		85 30-110			
Surrogate: Phenol-d6	184		ug/l	200		92 40-110			
Surrogate: 2,4,6-Tribromophenol	233		ug/l	200		116 55-140			
Surrogate: Nitrobenzene-d5	96.3		ug/l	100		96 40-110			
Surrogate: 2-Fluorobiphenyl	98.7		ug/l	100		99 40-120			
Surrogate: Terphenyl-d14	100		ug/l	100		100 55-160			
LCS Dup Analyzed: 08/20/02 (I2H1537-BSD1)									
Acenaphthene	96.1	10	ug/l	100		96 55-120	8	35	M-NR1
Acenaphthylene	96.7	10	ug/l	100		97 55-120	10	20	
Aniline	85.5	10	ug/l	100		86 30-120	5	40	
Anthracene	99.1	10	ug/l	100		99 65-120	10	15	
Benzidine	106	20	ug/l	100		106 10-200	9	35	
Benzoic acid	82.1	20	ug/l	100		82 25-120	20	40	
Benzo(a)anthracene	103	10	ug/l	100		103 70-125	8	20	
Benzo(b)fluoranthene	104	10	ug/l	100		104 65-125	0	20	
Benzo(k)fluoranthene	106	10	ug/l	100		106 65-135	6	25	
Benzo(g,h,i)perylene	96.1	10	ug/l	100		96 25-150	21	25	
Benzo(a)pyrene	104	10	ug/l	100		104 70-125	5	15	
Benzyl alcohol	99.2	20	ug/l	100		99 45-120	10	25	
Bis(2-chloroethoxy)methane	94.3	10	ug/l	100		94 50-120	9	25	
Bis(2-chloroethyl)ether	93.6	10	ug/l	100		94 45-120	9	25	
Bis(2-chloroisopropyl)ether	90.9	10	ug/l	100		91 36-120	6	25	
Bis(2-ethylhexyl)phthalate	108	50	ug/l	100		108 65-140	6	15	
4-Bromophenyl phenyl ether	106	10	ug/l	100		106 55-120	11	20	
Butyl benzyl phthalate	101	20	ug/l	100		101 70-135	8	15	
Chloroaniline	94.6	10	ug/l	100		95 25-120	10	50	
2-Chloronaphthalene	95.5	10	ug/l	100		96 60-118	8	25	
4-Chloro-3-methylphenol	103	20	ug/l	100		103 55-120	16	25	
Chlorophenol	92.8	10	ug/l	100		93 45-120	10	25	
Chlorophenyl phenyl ether	104	10	ug/l	100		104 60-120	13	20	
Chrysene	102	10	ug/l	100		102 70-130	9	10	
benz(a,h)anthracene	94.1	20	ug/l	100		94 50-130	27	15	R-7
benzofuran	104	10	ug/l	100		104 55-120	11	25	

 Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical.

City of Simi Valley, Water Quality Control Plant
 2929 Tapo Canyon Road
 Simi Valley, CA 93063
 Attention: Barbara Santos

Project ID: Semi-annual Monitoring
 Quarterly W12, SV Lab# 9761
 Report Number: ILH0639

Sampled: 08/14/02
 Received: 08/14/02

METHOD BLANK/QC DATA

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD RPD	RPD Limit	Data Qualifiers
Batch: I2H1537 Extracted: 08/15/02										
LCS Dup Analyzed: 08/20/02 (I2H1537-BSD1)										
Di-n-butyl phthalate	99.3	20	ug/l	100	99	60-118	14	10		M-NRI R-7
1,3-Dichlorobenzene	84.3	10	ug/l	100	84	30-120	5	30		
1,4-Dichlorobenzene	83.7	10	ug/l	100	84	35-120	8	25		
1,2-Dichlorobenzene	85.9	10	ug/l	100	86	45-120	8	25		
2,3-Dichlorobenzidine	107	20	ug/l	100	107	35-145	15	25		
2,4-Dichlorophenol	97.6	10	ug/l	100	98	50-120	12	25		
Diethyl phthalate	108	10	ug/l	100	108	65-114	12	15		
2,4-Dimethylphenol	72.4	20	ug/l	100	72	32-119	15	30		
Dimethyl phthalate	104	10	ug/l	100	104	65-112	9	20		
4,6-Dinitro-2-methylphenol	97.3	20	ug/l	100	97	65-125	7	20		
2,4-Dinitrophenol	88.2	20	ug/l	100	88	40-125	2	30		
2,4-Dinitrotoluene	103	10	ug/l	100	103	65-120	11	20		
2,6-Dinitrotoluene	109	10	ug/l	100	109	65-120	8	20		
Di-n-octyl phthalate	110	20	ug/l	100	110	55-146	11	20		
Fluoranthene	90.5	10	ug/l	100	90	70-120	15	15		
Fluorene	103	10	ug/l	100	103	59-120	10	30		
Hexachlorobenzene	101	10	ug/l	100	101	60-120	9	15		
Hexachlorobutadiene	93.2	10	ug/l	100	93	35-116	13	25		
Hexachlorocyclopentadiene	70.4	20	ug/l	100	70	10-120	16	35		
Hexachloroethane	82.3	10	ug/l	100	82	40-113	11	25		
Indeno(1,2,3-cd)pyrene	102	20	ug/l	100	102	40-135	18	20		
Isophorone	99.0	10	ug/l	100	99	50-120	10	20		
2-Methylnaphthalene	93.8	10	ug/l	100	94	55-120	12	20		
2-Methylphenol	93.4	10	ug/l	100	93	45-120	14	25		
3-Methylphenol	91.4	10	ug/l	100	91	45-120	12	25		
Naphthalene	91.7	10	ug/l	100	92	45-120	10	25		
2-Nitroaniline	110	20	ug/l	100	110	50-135	10	15		
3-Nitroaniline	106	20	ug/l	100	106	50-125	6	20		
4-Nitroaniline	113	20	ug/l	100	113	55-140	8	15		
Nitrobenzene	94.2	20	ug/l	100	94	45-120	12	25		
2-Nitrophenol	103	10	ug/l	100	103	50-120	7	50		
3-Nitrophenol	98.3	20	ug/l	100	98	50-132	12	30		
n-Nitrosodiphenylamine	111	10	ug/l	100	111	45-120	11	20		
n-Nitroso-di-n-propylamine	95.9	10	ug/l	100	96	45-125	13	25		
Pentachlorophenol	110	20	ug/l	100	110	50-130	12	45		
Phenanthrene	99.4	10	ug/l	100	99	65-120	11	20		

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical.

City of Simi Valley, Water Quality Control Plant
 2929 Tapo Canyon Road
 Simi Valley, CA 93063
 Attention: Barbara Santos

 Project ID: Semi-annual Monitoring
 Quarterly W12, SV Lab# 9761
 Report Number: ILH0639

 Sampled: 08/14/02
 Received: 08/14/02

METHOD BLANK/QC DATA
TOTAL RECOVERABLE PETROLEUM HYDROCARBONS (EPA 418.1)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC Limits	RPD RPD	RPD Limit	Data Qualifiers
Batch: I2H2071 Extracted: 08/20/02									
Blank Analyzed: 08/20/02 (I2H2071-BLK1)									
Total Recoverable Hydrocarbons	ND	1.0	mg/l						
LCS Analyzed: 08/20/02 (I2H2071-BS1)									
Total Recoverable Hydrocarbons	4.54	1.0	mg/l	5.00		91 80-120			
LCS Dup Analyzed: 08/20/02 (I2H2071-BSD1)									
Total Recoverable Hydrocarbons	4.66	1.0	mg/l	5.00		93 80-120	3	15	M-NRI

 Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical.

City of Simi Valley, Water Quality Control Plant Project ID: Semi-annual Monitoring
2929 Tapo Canyon Road Quarterly W12, SV Lab# 9761 Sampled: 08/14/02
Simi Valley, CA 93063 Report Number: ILH0639 Received: 08/14/02
Attention: Barbara Santos

DATA QUALIFIERS AND DEFINITIONS

- L** Laboratory Control Sample recovery was above the method control limits. Analyte not detected, data not impacted.
- M-NRI** There was no MS/MSD analyzed with this batch due to insufficient sample volume. See Blank Spike/Blank Spike Duplicate.
- R-7** LFB/LFBD RPD exceeded the method control limit. Recovery met acceptance criteria.
- ND** Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.
- RPD** Relative Percent Difference

ADDITIONAL COMMENTS

For 1,2-Diphenylhydrazine:
The result for 1,2-Diphenylhydrazine is based upon the reading of its breakdown product, Azobenzene.

Del Mar Analytical, Irvine
Rachel Parker
Project Manager



The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical.

City of Simi Valley, Water Quality Control Plant Project ID: Semi-annual Monitoring
 2929 Tapo Canyon Road Quarterly W11, SV Lab# 9760 Sampled: 08/14/02
 Simi Valley, CA 93063 Report Number: ILH0636 Received: 08/14/02
 Attention: Barbara Santos

METHOD BLANK/QC DATA

METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limits RPD	RPD Limit	Data Qualifiers
Batch: I2H1558 Extracted: 08/15/02									
Blank Analyzed: 08/16/02 (I2H1558-BLK1)									
Arsenic	ND	0.0050	mg/l						
Cadmium	ND	0.0050	mg/l						
Chromium	ND	0.0050	mg/l						
Copper	ND	0.010	mg/l						
Lead	ND	0.0050	mg/l						
Nickel	ND	0.010	mg/l						
Zinc	ND	0.020	mg/l						
LCS Analyzed: 08/16/02 (I2H1558-BS1)									
Arsenic	0.528	0.0050	mg/l	0.500		106	85-115		
Cadmium	0.522	0.0050	mg/l	0.500		104	85-115		
Chromium	0.516	0.0050	mg/l	0.500		103	85-115		
Copper	0.514	0.010	mg/l	0.500		103	85-115		
Lead	0.515	0.0050	mg/l	0.500		103	85-115		
Nickel	0.522	0.010	mg/l	0.500		104	85-115		
Zinc	0.522	0.020	mg/l	0.500		104	85-115		
Matrix Spike Analyzed: 08/16/02 (I2H1558-MS1) Source: ILH0608-01RE1									
Arsenic	0.530	0.0050	mg/l	0.500	ND	106	70-130		
Cadmium	0.502	0.0050	mg/l	0.500	ND	100	70-130		
Chromium	0.502	0.0050	mg/l	0.500	ND	100	70-130		
Copper	0.545	0.010	mg/l	0.500	ND	108	70-130		
Lead	0.501	0.0050	mg/l	0.500	ND	100	70-130		
Nickel	0.509	0.010	mg/l	0.500	ND	102	70-130		
Zinc	0.526	0.020	mg/l	0.500	ND	102	70-130		
Matrix Spike Dup Analyzed: 08/16/02 (I2H1558-MSD1) Source: ILH0608-01RE1									
Arsenic	0.528	0.0050	mg/l	0.500	ND	106	70-130	0	20
Cadmium	0.503	0.0050	mg/l	0.500	ND	101	70-130	0	20
Chromium	0.501	0.0050	mg/l	0.500	ND	100	70-130	0	20
Copper	0.546	0.010	mg/l	0.500	ND	109	70-130	0	20
Lead	0.500	0.0050	mg/l	0.500	ND	100	70-130	0	20
Nickel	0.511	0.010	mg/l	0.500	ND	102	70-130	0	20
Zinc	0.528	0.020	mg/l	0.500	ND	102	70-130	0	20

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager



City of Simi Valley, Water Quality Control Plant
 2929 Tapo Canyon Road
 Simi Valley, CA 93063
 Attention: Barbara Santos

Project ID: Semi-annual Monitoring
 Quarterly W11, SV Lab# 9760
 Report Number: ILH0636

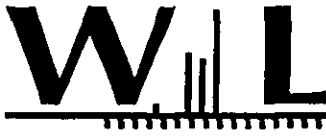
Sampled: 08/14/02
 Received: 08/14/02

METHOD BLANK/QC DATA

INORGANICS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limits	RPD	RPD Limit	Data Qualifiers
Batch: I2H1561 Extracted: 08/15/02										
Blank Analyzed: 08/15/02 (I2H1561-BLK1)										
Surfactants (MBAS)	ND	0.10	mg/l							
LCS Analyzed: 08/15/02 (I2H1561-BS1)										
Surfactants (MBAS)	0.276	0.10	mg/l	0.250		110	90-110			
Matrix Spike Analyzed: 08/15/02 (I2H1561-MS1)										
Surfactants (MBAS)	0.295	0.10	mg/l	0.250	0.11	74	50-125			
Matrix Spike Dup Analyzed: 08/15/02 (I2H1561-MSD1)										
Surfactants (MBAS)	0.303	0.10	mg/l	0.250	0.11	77	50-125	3	20	
Batch: I2H2202 Extracted: 08/21/02										
Blank Analyzed: 08/21/02 (I2H2202-BLK1)										
Oil & Grease	ND	5.0	mg/l							
LCS Analyzed: 08/21/02 (I2H2202-BS1)										
Oil & Grease	19.0	5.0	mg/l	20.0		95	80-120			
LCS Dup Analyzed: 08/21/02 (I2H2202-BSD1)										
Oil & Grease	18.8	5.0	mg/l	20.0		94	80-120	1	20	M-NR1

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager



Client: Del Mar Analytical
Project Name: ILH0636

QC Report Date: Tuesday, September 10, 2002
Project #:

QUALITY CONTROL REPORT

QC Lab#	TestGroup	Parameter	Sample Result	QC Result	Units	Amt. Added/ True Value	%R or RPD	%RPD for MSD	Low Limit	High Limit
A205143-001MS	507_ms	Alachlor	ND	3.16	ug/L	4	79		60	130
A205143-001MS	507_ms	Atrazine	ND	ND	ug/L	1	78.7		57	127
A205143-001MS	507_ms	Bromacil	ND	18.3	ug/L	20	91.5		56	126
A205143-001MS	507_ms	Butachlor	ND	1.61	ug/L	2	80.3		58	128
A205143-001MS	507_ms	Diazinon	ND	0.849	ug/L	1	84.9		58	128
A205143-001MS	507_ms	Metolachlor	ND	1.43	ug/L	2	71.5		23	149
A205143-001MS	507_ms	Metribuzin	ND	1.73	ug/L	2	86.7		66	136
A205143-001MS	507_ms	Molinate	ND	ND	ug/L	1	76.4		63	133
A205143-001MS	507_ms	Prometryn	ND	ND	ug/L	1	82.3		58	128
A205143-001MS	507_ms	Simazine	ND	ND	ug/L	1	86.4		65	135
A205143-001MS	507_ms	Thiobencarb	ND	3.12	ug/L	4	78		26	167
A205143-001MSD	507_msd	Alachlor	ND	3.72	ug/L	4	93	16	60	130
A205143-001MSD	507_msd	Atrazine	ND	ND	ug/L	1	95	19	57	127
A205143-001MSD	507_msd	Bromacil	ND	22.7	ug/L	20	113.4	21	56	126
A205143-001MSD	507_msd	Butachlor	ND	1.89	ug/L	2	94.5	16	58	128
A205143-001MSD	507_msd	Diazinon	ND	1.03	ug/L	1	102.9	19	58	128
A205143-001MSD	507_msd	Metolachlor	ND	1.68	ug/L	2	84	16	23	149
A205143-001MSD	507_msd	Metribuzin	ND	2.17	ug/L	2	108.5	22	66	136
A205143-001MSD	507_msd	Molinate	ND	ND	ug/L	1	90	16	63	133
A205143-001MSD	507_msd	Prometryn	ND	ND	ug/L	1	98.5	18	58	128
A205143-001MSD	507_msd	Simazine	ND	1.07	ug/L	1	107.4	22	65	135
A205143-001MSD	507_msd	Thiobencarb	ND	3.74	ug/L	4	93.4	18	26	167
A205143-001SURR	507_sur	1,3-dimethyl-2-nitrobenzene		2.30	ug/L	2.5	92		70	130
A205145-001SURR	507_sur	1,3-dimethyl-2-nitrobenzene		2.48	ug/L	2.5	99.2		70	130
A205147-001SURR	507_sur	1,3-dimethyl-2-nitrobenzene		2.29	ug/L	2.5	91.6		70	130
A205182-001SURR	507_sur	1,3-dimethyl-2-nitrobenzene		2.16	ug/L	2.5	86.4		70	130
A205182-002SURR	507_sur	1,3-dimethyl-2-nitrobenzene		2.21	ug/L	2.5	88.4		70	130
LCS	507_lcs	Alachlor		3.36	ug/L	4	84		25	160
LCS	507_lcs	Atrazine		ND	ug/L	1	82.5		22	156
LCS	507_lcs	Bromacil		19.0	ug/L	20	95		28	168
LCS	507_lcs	Butachlor		1.72	ug/L	2	86		23	160
LCS	507_lcs	Diazinon		0.917	ug/L	1	91.7		14	157
LCS	507_lcs	Metolachlor		1.56	ug/L	2	78.3		34	138
LCS	507_lcs	Metribuzin		1.89	ug/L	2	94.5		44	132
LCS	507_lcs	Molinate		ND	ug/L	1	79.7		24	163
LCS	507_lcs	Prometryn		ND	ug/L	1	88.3		21	160
LCS	507_lcs	Simazine		ND	ug/L	1	88.4		29	162

Note:

ND = Not Detected MS = Matrix Spike MSD = Matrix Spike Duplicate SURR = Surrogate
BL = Blank DUP = Duplicate RPD = Relative Percent Deviation LCS = Laboratory Control Standard



Client: Del Mar Analytical
Project Name: ILH0636

QC Report Date: Tuesday, September 10, 2002
Project #:

QUALITY CONTROL REPORT

QC Lab#	TestGroup	Parameter	Sample Result	QC Result	Units	Amt. Added/ True Value	%R or RPD	%RPD for MSD	Low Limit	High Limit
LCS	507_lcs	Thiobencarb		3.40	ug/L	4	85		33	154
Method Blank	507_bl	Alachlor		ND	ug/L		0			1
Method Blank	507_bl	Atrazine		ND	ug/L		0			1
Method Blank	507_bl	Bromacil		ND	ug/L		0			10
Method Blank	507_bl	Butachlor		ND	ug/L		0			0.38
Method Blank	507_bl	Diazinon		ND	ug/L		0			0.25
Method Blank	507_bl	Dimethoate		ND	ug/L		0			10
Method Blank	507_bl	Metolachlor		ND	ug/L		0			0.5
Method Blank	507_bl	Metribuzin		ND	ug/L		0			0.5
Method Blank	507_bl	Molinate		ND	ug/L		0			2
Method Blank	507_bl	Prometon		ND	ug/L		0			1
Method Blank	507_bl	Prometryn		ND	ug/L		0			2
Method Blank	507_bl	Simazine		ND	ug/L		0			1
Method Blank	507_bl	Thiobencarb		ND	ug/L		0			1

Worksheet #:	Lab#:	Test Name	Analyzed Date
WS36192	A205143-001	Triazine pesticides in drinking water	8/20/2002
WS36192	A205145-001	Triazine pesticides in drinking water	8/20/2002
WS36192	A205147-001	Triazine pesticides in drinking water	8/20/2002
WS36192	A205182-001	Triazine pesticides in drinking water	8/20/2002
WS36192	A205182-002	Triazine pesticides in drinking water	8/20/2002

Note:

ND = Not Detected MS = Matrix Spike MSD = Matrix Spike Duplicate SURR = Surrogate
BL = Blank DUP = Duplicate RPD = Relative Percent Deviation LCS = Laboratory Control Standard



Client: Del Mar Analytical
Project Name: ILH0636

QC Report Date: Tuesday, September 10, 2002
Project #:

QUALITY CONTROL REPORT

QC Lab#	TestGroup	Parameter	Sample Result	QC Result	Units	Amt. Added/ True Value	%R or RPD	%RPD for MSD	Low Limit	High Limit
A205143-001SURR	508_surr	2,4,5,6-tetrachloro-m-xylene		0.0950	ug/L	0.1	95		70	130
A205143-001SURR	508_surr	decachlorobiphenyl		0.0920	ug/L	0.1	92		70	130
A205145-001SURR	508_surr	2,4,5,6-tetrachloro-m-xylene		0.0800	ug/L	0.1	80		70	130
A205145-001SURR	508_surr	decachlorobiphenyl		0.0850	ug/L	0.1	85		70	130
A205147-001SURR	508_surr	2,4,5,6-tetrachloro-m-xylene		0.0920	ug/L	0.1	92		70	130
A205147-001SURR	508_surr	decachlorobiphenyl		0.0820	ug/L	0.1	82		70	130
A205167-003MS	508_ms	4,4'-DDD	ND	0.466	ug/L	0.1	466		72	142
		<i>QC Notes: high bias, but sample's not detected</i>								
A205167-003MS	508_ms	4,4'-DDE	ND	0.247	ug/L	0.1	247		64	134
		<i>QC Notes: high bias, but sample's not detected</i>								
A205167-003MS	508_ms	4,4'-DDT	ND	0.641	ug/L	0.1	641		77	147
		<i>QC Notes: high bias, but sample's not detected</i>								
A205167-003MS	508_ms	Aldrin	ND	0.114	ug/L	0.1	114		51	121
A205167-003MS	508_ms	alpha-BHC	ND	0.170	ug/L	0.1	170		57	127
		<i>QC Notes: high bias, but sample's not detected</i>								
A205167-003MS	508_ms	beta-BHC	ND	0.175	ug/L	0.1	175		60	130
		<i>QC Notes: high bias, but sample's not detected</i>								
A205167-003MS	508_ms	delta-BHC	ND	0.174	ug/L	0.1	174		67	137
		<i>QC Notes: high bias, but sample's not detected</i>								
A205167-003MS	508_ms	Dieldrin	ND	0.161	ug/L	0.1	161		52	122
		<i>QC Notes: high bias, but sample's not detected</i>								
A205167-003MS	508_ms	Endosulfan I	ND	0.175	ug/L	0.1	175		52	122
		<i>QC Notes: high bias, but sample's not detected</i>								
A205167-003MS	508_ms	Endosulfan II	ND	0.342	ug/L	0.1	342		57	127
		<i>QC Notes: high bias, but sample's not detected</i>								
A205167-003MS	508_ms	Endosulfan sulfate	ND	0.320	ug/L	0.1	320		67	137
		<i>QC Notes: high bias, but sample's not detected</i>								
A205167-003MS	508_ms	Endrin	ND	0.168	ug/L	0.1	168		53	123
		<i>QC Notes: high bias, but sample's not detected</i>								
A205167-003MS	508_ms	Endrin aldehyde	ND	0.287	ug/L	0.1	287		53	123
		<i>QC Notes: high bias, but sample's not detected</i>								
A205167-003MS	508_ms	gamma-BHC (lindane)	ND	0.132	ug/L	0.1	132		54	124
		<i>QC Notes: high bias, but sample's not detected</i>								
A205167-003MS	508_ms	Heptachlor	ND	0.143	ug/L	0.1	143		63	133
		<i>QC Notes: high bias, but sample's not detected</i>								
A205167-003MS	508_ms	Heptachlor epoxide	ND	0.174	ug/L	0.1	174		52	122
		<i>QC Notes: high bias, but sample's not detected</i>								

Note:

ND = Not Detected MS = Matrix Spike MSD = Matrix Spike Duplicate SURR = Surrogate
BL = Blank DUP = Duplicate RPD = Relative Percent Deviation LCS = Laboratory Control Standard



Client: Del Mar Analytical
Project Name: ILH0636

QC Report Date: Tuesday, September 10, 2002
Project #:

QUALITY CONTROL REPORT

QC Lab#	TestGroup	Parameter	Sample Result	QC Result	Units	Amt. Added/ True Value	%R or RPD	%RPD for MSD	Low Limit	High Limit
A205167-003MS	508_ms	Methoxychlor	ND	0.528	ug/L	0.1	528		70	140
		<i>QC Notes: high bias, but sample's not detected</i>								
A205167-003MSD	508_msd	4,4'-DDD	ND	0.147	ug/L	0.1	147	104	72	142
A205167-003MSD	508_msd	4,4'-DDE	ND	0.135	ug/L	0.1	135	59	64	134
A205167-003MSD	508_msd	4,4'-DDT	ND	0.222	ug/L	0.1	222	97	77	147
A205167-003MSD	508_msd	Aldrin	ND	0.0260	ug/L	0.1	26	126	51	121
A205167-003MSD	508_msd	alpha-BHC	ND	0.163	ug/L	0.1	163	4	57	127
A205167-003MSD	508_msd	beta-BHC	ND	0.144	ug/L	0.1	144	19	60	130
A205167-003MSD	508_msd	delta-BHC	ND	0.144	ug/L	0.1	144	19	67	137
A205167-003MSD	508_msd	Dieldrin	ND	0.126	ug/L	0.1	126	24	52	122
A205167-003MSD	508_msd	Endosulfan I	ND	0.171	ug/L	0.1	171	2	52	122
A205167-003MSD	508_msd	Endosulfan II	ND	0.149	ug/L	0.1	149	79	57	127
A205167-003MSD	508_msd	Endosulfan sulfate	ND	0.161	ug/L	0.1	161	66	67	137
A205167-003MSD	508_msd	Endrin	ND	0.157	ug/L	0.1	157	7	53	123
A205167-003MSD	508_msd	Endrin aldehyde	ND	0.206	ug/L	0.1	206	33	53	123
A205167-003MSD	508_msd	gamma-BHC (lindane)	ND	0.129	ug/L	0.1	129	2	54	124
A205167-003MSD	508_msd	Heptachlor	ND	0.143	ug/L	0.1	143	0	63	133
A205167-003MSD	508_msd	Heptachlor epoxide	ND	0.157	ug/L	0.1	157	10	52	122
A205167-003MSD	508_msd	Methoxychlor	ND	0.185	ug/L	0.1	185	96	70	140
A205167-003SURR	508_surr	2,4,5,6-tetrachloro-m-xylene		0.0950	ug/L	0.1	95		70	130
A205167-003SURR	508_surr	decachlorobiphenyl		0.0940	ug/L	0.1	94		70	130
A205167-004SURR	508_surr	2,4,5,6-tetrachloro-m-xylene		0.0900	ug/L	0.1	90		70	130
A205167-004SURR	508_surr	decachlorobiphenyl		0.0990	ug/L	0.1	99		70	130
LCS	508_lcs	4,4'-DDD		0.147	ug/L	0.1	147		45	130
		<i>QC Notes: high bias, but sample's not detected</i>								
LCS	508_lcs	4,4'-DDE		0.134	ug/L	0.1	134		48	126
		<i>QC Notes: high bias, but sample's not detected</i>								
LCS	508_lcs	4,4'-DDT		0.201	ug/L	0.1	201		33	146
		<i>QC Notes: high bias, but sample's not detected</i>								
LCS	508_lcs	Aldrin		0.134	ug/L	0.1	134		40	129
		<i>QC Notes: high bias, but sample's not detected</i>								
LCS	508_lcs	alpha-BHC		0.129	ug/L	0.1	129		34	127
		<i>QC Notes: high bias, but sample's not detected</i>								
LCS	508_lcs	beta-BHC		0.135	ug/L	0.1	135		41	141
LCS	508_lcs	delta-BHC		0.137	ug/L	0.1	137		34	139
LCS	508_lcs	Dieldrin		0.106	ug/L	0.1	106		47	128
LCS	508_lcs	Endosulfan I		0.120	ug/L	0.1	120		49	123

Note:

ND = Not Detected MS = Matrix Spike MSD = Matrix Spike Duplicate SURR = Surrogate
 BL = Blank DUP = Duplicate RPD = Relative Percent Deviation LCS = Laboratory Control Standard



Client: Del Mar Analytical
Project Name: 1LH0636

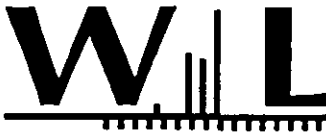
QC Report Date: Tuesday, September 10, 2002
Project #:

QUALITY CONTROL REPORT

QC Lab#	TestGroup	Parameter	Sample Result	QC Result	Units	Amt. Added/ True Value	%R or RPD	%RPD for MSD	Low Limit	High Limit
LCS	508_ics	Endosulfan II		0.145	ug/L	0.1	145		50	117
		QC Notes:	<i>high bias, but sample's not detected</i>							
LCS	508_ics	Endosulfan sulfate		0.147	ug/L	0.1	147		31	211
LCS	508_ics	Endrin		0.156	ug/L	0.1	156		32	163
LCS	508_ics	Endrin aldehyde		0.267	ug/L	0.1	267		40	139
		QC Notes:	<i>high bias, but sample's not detected</i>							
LCS	508_ics	gamma-BHC (lindane)		0.130	ug/L	0.1	130		42	134
LCS	508_ics	Heptachlor		0.135	ug/L	0.1	135		35	151
LCS	508_ics	Heptachlor epoxide		0.151	ug/L	0.1	151		53	128
		QC Notes:	<i>high bias, but sample's not detected</i>							
LCS	508_ics	Methoxychlor		0.165	ug/L	0.1	165		64	146
		QC Notes:	<i>high bias, but sample's not detected</i>							
Method Blank	508_bl	4,4'-DDD		ND	ug/L		0			0.02
Method Blank	508_bl	4,4'-DDE		ND	ug/L		0			0.01
Method Blank	508_bl	4,4'-DDT		ND	ug/L		0			0.02
Method Blank	508_bl	Aldrin		ND	ug/L		0			0.075
Method Blank	508_bl	alpha-BHC		ND	ug/L		0			0.05
Method Blank	508_bl	Aroclor-1016		ND	ug/L		0			0.1
Method Blank	508_bl	Aroclor-1221		ND	ug/L		0			0.1
Method Blank	508_bl	Aroclor-1232		ND	ug/L		0			0.1
Method Blank	508_bl	Aroclor-1242		ND	ug/L		0			0.1
Method Blank	508_bl	Aroclor-1248		ND	ug/L		0			0.1
Method Blank	508_bl	Aroclor-1254		ND	ug/L		0			0.1
Method Blank	508_bl	Aroclor-1260		ND	ug/L		0			0.1
Method Blank	508_bl	beta-BHC		ND	ug/L		0			0.05
Method Blank	508_bl	Chlordane		ND	ug/L		0			0.1
Method Blank	508_bl	Chlorothalonil		ND	ug/L		0			5
Method Blank	508_bl	delta-BHC		ND	ug/L		0			0.5
Method Blank	508_bl	Dieldrin		ND	ug/L		0			0.02
Method Blank	508_bl	Endosulfan I		ND	ug/L		0			0.02
Method Blank	508_bl	Endosulfan II		ND	ug/L		0			0.01
Method Blank	508_bl	Endosulfan sulfate		ND	ug/L		0			0.05
Method Blank	508_bl	Endrin		ND	ug/L		0			0.1
Method Blank	508_bl	Endrin aldehyde		ND	ug/L		0			0.05
Method Blank	508_bl	gamma-BHC (lindane)		ND	ug/L		0			0.2
Method Blank	508_bl	Heptachlor		ND	ug/L		0			0.01
Method Blank	508_bl	Heptachlor epoxide		ND	ug/L		0			0.01

Note:

ND = Not Detected MS = Matrix Spike MSD = Matrix Spike Duplicate SURR = Surrogate
 BL = Blank DUP = Duplicate RPD = Relative Percent Deviation LCS = Laboratory Control Standard



Client: Del Mar Analytical
Project Name: ILH0636

QC Report Date: Tuesday, September 10, 2002
Project #:

QUALITY CONTROL REPORT

QC Lab#	TestGroup	Parameter	Sample Result	QC Result	Units	Amt. Added/ True Value	%R or RPD	%RPD for MSD	Low Limit	High Limit
Method Blank	508_bl	Hexachlorobenzene		ND	ug/L			0		0.5
Method Blank	508_bl	Methoxychlor		ND	ug/L			0		10
Method Blank	508_bl	Propachlor		ND	ug/L			0		0.5
Method Blank	508_bl	Toxaphene		ND	ug/L			0		1
Method Blank	508_bl	Trifluralin		ND	ug/L			0		0.01

Worksheet #:	Lab#:	Test Name	Analyzed Date
WS36215	A205143-001	Organochlorine Pesticides by L-L extract	8/24/2002
WS36215	A205145-001	Organochlorine Pesticides by L-L extract	8/24/2002
WS36215	A205147-001	Organochlorine Pesticides by L-L extract	8/24/2002
WS36215	A205167-003	Organochlorine Pesticides by L-L extract	8/24/2002
WS36215	A205167-004	Organochlorine Pesticides by L-L extract	8/24/2002

Note:

ND = Not Detected MS = Matrix Spike MSD = Matrix Spike Duplicate SURR = Surrogate
BL = Blank DUP = Duplicate RPD = Relative Percent Deviation LCS = Laboratory Control Standard

City of Simi Valley, Water Quality Control Plant Project ID: Semi-annual Monitoring
 2929 Tapo Canyon Road Quarterly W11, SV Lab# 9760 Sampled: 08/14/02
 Simi Valley, CA 93063 Report Number: ILH0636 Received: 08/14/02
 Attention: Barbara Santos

METHOD BLANK/QC DATA

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limits RPD	RPD Limit	Data Qualifiers
Batch: I2H1537 Extracted: 08/15/02									
Blank Analyzed: 08/20/02 (I2H1537-BLK1)									
Acenaphthene	ND	10	ug/l						
Acenaphthylene	ND	10	ug/l						
Aniline	ND	10	ug/l						
Anthracene	ND	10	ug/l						
Benzidine	ND	20	ug/l						
Benzoic acid	ND	20	ug/l						
Benzo(a)anthracene	ND	10	ug/l						
Benzo(b)fluoranthene	ND	10	ug/l						
Benzo(k)fluoranthene	ND	10	ug/l						
Benzo(g,h,i)perylene	ND	10	ug/l						
Benzo(a)pyrene	ND	10	ug/l						
Benzyl alcohol	ND	20	ug/l						
Bis(2-chloroethoxy)methane	ND	10	ug/l						
Bis(2-chloroethyl)ether	ND	10	ug/l						
Bis(2-chloroisopropyl)ether	ND	10	ug/l						
Bis(2-ethylhexyl)phthalate	ND	50	ug/l						
4-Bromophenyl phenyl ether	ND	10	ug/l						
Butyl benzyl phthalate	ND	20	ug/l						
4-Chloroaniline	ND	10	ug/l						
2-Chloronaphthalene	ND	10	ug/l						
4-Chloro-3-methylphenol	ND	20	ug/l						
2-Chlorophenol	ND	10	ug/l						
4-Chlorophenyl phenyl ether	ND	10	ug/l						
Chrysene	ND	10	ug/l						
Dibenz(a,h)anthracene	ND	20	ug/l						
Dibenzofuran	ND	10	ug/l						
Di-n-butyl phthalate	ND	20	ug/l						
1,3-Dichlorobenzene	ND	10	ug/l						
1,4-Dichlorobenzene	ND	10	ug/l						
1,2-Dichlorobenzene	ND	10	ug/l						
3,3-Dichlorobenzidine	ND	20	ug/l						
2,4-Dichlorophenol	ND	10	ug/l						
Diethyl phthalate	ND	10	ug/l						
2,4-Dimethylphenol	ND	20	ug/l						
Dimethyl phthalate	ND	10	ug/l						
4,6-Dinitro-2-methylphenol	ND	20	ug/l						

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

City of Simi Valley, Water Quality Control Plant Project ID: Semi-annual Monitoring
 2929 Tapo Canyon Road Quarterly W11, SV Lab# 9760 Sampled: 08/14/02
 Simi Valley, CA 93063 Report Number: ILH0636 Received: 08/14/02
 Attention: Barbara Santos

METHOD BLANK/QC DATA

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	RPD Limits RPD	RPD Limit	Data Qualifiers
Batch: I2H1537 Extracted: 08/15/02									
Blank Analyzed: 08/20/02 (I2H1537-BLK1)									
2,4-Dinitrophenol	ND	20	ug/l						
2,4-Dinitrotoluene	ND	10	ug/l						
2,6-Dinitrotoluene	ND	10	ug/l						
Di-n-octyl phthalate	ND	20	ug/l						
Fluoranthene	ND	10	ug/l						
Fluorene	ND	10	ug/l						
Hexachlorobenzene	ND	10	ug/l						
Hexachlorobutadiene	ND	10	ug/l						
Hexachlorocyclopentadiene	ND	20	ug/l						
Hexachloroethane	ND	10	ug/l						
Indeno(1,2,3-cd)pyrene	ND	20	ug/l						
Isophorone	ND	10	ug/l						
2-Methylnaphthalene	ND	10	ug/l						
2-Methylphenol	ND	10	ug/l						
4-Methylphenol	ND	10	ug/l						
Naphthalene	ND	10	ug/l						
2-Nitroaniline	ND	20	ug/l						
3-Nitroaniline	ND	20	ug/l						
4-Nitroaniline	ND	20	ug/l						
Nitrobenzene	ND	20	ug/l						
2-Nitrophenol	ND	10	ug/l						
4-Nitrophenol	ND	20	ug/l						
n-Nitrosodiphenylamine	ND	10	ug/l						
n-Nitroso-di-n-propylamine	ND	10	ug/l						
Pentachlorophenol	ND	20	ug/l						
Phenanthrene	ND	10	ug/l						
Phenol	ND	10	ug/l						
Pyrene	ND	10	ug/l						
1,2,4-Trichlorobenzene	ND	10	ug/l						
2,4,5-Trichlorophenol	ND	20	ug/l						
2,4,6-Trichlorophenol	ND	20	ug/l						
1,2-Diphenylhydrazine/Azobenzene	ND	20	ug/l						
n-Nitrosodimethylamine	ND	20	ug/l						
Cresol	ND	10	ug/l						
Surrogate: 2-Fluorophenol	136		ug/l	200		68	30-110		
Surrogate: Phenol-d6	146		ug/l	200		73	40-110		

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

City of Simi Valley, Water Quality Control Plant Project ID: Semi-annual Monitoring
 2929 Tapo Canyon Road Quarterly W11, SV Lab# 9760
 Simi Valley, CA 93063 Report Number: ILH0636
 Attention: Barbara Santos

Sampled: 08/14/02
 Received: 08/14/02

METHOD BLANK/QC DATA

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: I2H1537 Extracted: 08/15/02										
Blank Analyzed: 08/20/02 (I2H1537-BLK1)										
Surrogate: 2,4,6-Tribromophenol	176		ug/l	200		88	55-140			
Surrogate: Nitrobenzene-d5	74.3		ug/l	100		74	40-110			
Surrogate: 2-Fluorobiphenyl	78.3		ug/l	100		78	40-120			
Surrogate: Terphenyl-d14	86.4		ug/l	100		86	55-160			
LCS Analyzed: 08/20/02 (I2H1537-BS1)										
Acenaphthene	104	10	ug/l	100		104	55-120			
Acenaphthylene	107	10	ug/l	100		107	55-120			
Aniline	90.0	10	ug/l	100		90	30-120			
Anthracene	110	10	ug/l	100		110	65-120			
Benztidine	96.6	20	ug/l	100		97	10-200			
Benzoic acid	99.9	20	ug/l	100		100	25-120			
Benzo(a)anthracene	112	10	ug/l	100		112	70-125			
Benzo(b)fluoranthene	104	10	ug/l	100		104	65-125			
Benzo(k)fluoranthene	112	10	ug/l	100		112	65-135			
Benzo(g,h,i)perylene	119	10	ug/l	100		119	25-150			
Benzo(a)pyrene	109	10	ug/l	100		109	70-125			
Benzyl alcohol	110	20	ug/l	100		110	45-120			
Bis(2-chloroethoxy)methane	103	10	ug/l	100		103	50-120			
Bis(2-chloroethyl)ether	102	10	ug/l	100		102	45-120			
Bis(2-chloroisopropyl)ether	96.9	10	ug/l	100		97	36-120			
Bis(2-ethylhexyl)phthalate	115	50	ug/l	100		115	65-140			
4-Bromophenyl phenyl ether	118	10	ug/l	100		118	55-120			
Butyl benzyl phthalate	109	20	ug/l	100		109	70-135			
4-Chloroaniline	105	10	ug/l	100		105	25-120			
2-Chloronaphthalene	103	10	ug/l	100		103	60-118			
4-Chloro-3-methylphenol	121	20	ug/l	100		121	55-120			L
2-Chlorophenol	103	10	ug/l	100		103	45-120			
4-Chlorophenyl phenyl ether	118	10	ug/l	100		118	60-120			
Chrysene	112	10	ug/l	100		112	70-130			
Dibenz(a,h)anthracene	124	20	ug/l	100		124	50-130			
Dibenzofuran	116	10	ug/l	100		116	55-120			
Di-n-butyl phthalate	114	20	ug/l	100		114	60-118			
1,3-Dichlorobenzene	88.9	10	ug/l	100		89	30-120			
1,4-Dichlorobenzene	90.9	10	ug/l	100		91	35-120			
1,2-Dichlorobenzene	93.4	10	ug/l	100		93	45-120			

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

City of Simi Valley, Water Quality Control Plant Project ID: Semi-annual Monitoring
 2929 Tapo Canyon Road Quarterly W11, SV Lab# 9760
 Simi Valley, CA 93063 Report Number: ILH0636
 Attention: Barbara Santos

Sampled: 08/14/02
 Received: 08/14/02

METHOD BLANK/QC DATA

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	RPD RPD	RPD Limit	Data Qualifiers
Batch: I2H1537 Extracted: 08/15/02									
LCS Analyzed: 08/20/02 (I2H1537-BS1)									
3,3-Dichlorobenzidine	124	20	ug/l	100	124	35-145			
2,4-Dichlorophenol	110	10	ug/l	100	110	50-120			
Diethyl phthalate	122	10	ug/l	100	122	65-114			L
2,4-Dimethylphenol	84.1	20	ug/l	100	84	32-119			
Dimethyl phthalate	114	10	ug/l	100	114	65-112			L
4,6-Dinitro-2-methylphenol	104	20	ug/l	100	104	65-125			
2,4-Dinitrophenol	90.3	20	ug/l	100	90	40-125			
2,4-Dinitrotoluene	115	10	ug/l	100	115	65-120			
2,6-Dinitrotoluene	118	10	ug/l	100	118	65-120			
Di-n-octyl phthalate	123	20	ug/l	100	123	55-146			
Fluoranthene	105	10	ug/l	100	105	70-120			
Fluorene	114	10	ug/l	100	114	59-120			
Hexachlorobenzene	111	10	ug/l	100	111	60-120			
Hexachlorobutadiene	106	10	ug/l	100	106	35-116			
Hexachlorocyclopentadiene	82.5	20	ug/l	100	82	10-120			
Hexachloroethane	92.0	10	ug/l	100	92	40-113			
Indeno(1,2,3-cd)pyrene	122	20	ug/l	100	122	40-135			
Isophorone	109	10	ug/l	100	109	50-120			
2-Methylnaphthalene	106	10	ug/l	100	106	55-120			
2-Methylphenol	107	10	ug/l	100	107	45-120			
4-Methylphenol	103	10	ug/l	100	103	45-120			
Naphthalene	101	10	ug/l	100	101	45-120			
2-Nitroaniline	121	20	ug/l	100	121	50-135			
3-Nitroaniline	112	20	ug/l	100	112	50-125			
4-Nitroaniline	123	20	ug/l	100	123	55-140			
Nitrobenzene	106	20	ug/l	100	106	45-120			
2-Nitrophenol	111	10	ug/l	100	111	50-120			
4-Nitrophenol	111	20	ug/l	100	111	50-132			
n-Nitrosodiphenylamine	124	10	ug/l	100	124	45-120			L
n-Nitroso-di-n-propylamine	109	10	ug/l	100	109	45-125			
Pentachlorophenol	124	20	ug/l	100	124	50-130			
Phenanthrene	111	10	ug/l	100	111	65-120			
Phenol	99.7	10	ug/l	100	100	35-112			
Pyrene	105	10	ug/l	100	105	65-115			
1,2,4-Trichlorobenzene	103	10	ug/l	100	103	50-120			
2,4,5-Trichlorophenol	123	20	ug/l	100	123	55-120			L

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager



City of Simi Valley, Water Quality Control Plant
 2929 Tapo Canyon Road
 Simi Valley, CA 93063
 Attention: Barbara Santos

Project ID: Semi-annual Monitoring
 Quarterly W11, SV Lab# 9760
 Report Number: ILH0636

Sampled: 08/14/02
 Received: 08/14/02

METHOD BLANK/QC DATA

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limit	RPD	RPD	Data Qualifiers
Batch: I2H1537 Extracted: 08/15/02										
LCS Analyzed: 08/20/02 (I2H1537-BS1)										
2,4,6-Trichlorophenol	117	20	ug/l	100		117	55-120			
1,2-Diphenylhydrazine/Azobenzene	129	20	ug/l	100		129	50-125			L
Surrogate: 2-Fluorophenol	170		ug/l	200		85	30-110			
Surrogate: Phenol-d6	184		ug/l	200		92	40-110			
Surrogate: 2,4,6-Tribromophenol	233		ug/l	200		116	55-140			
Surrogate: Nitrobenzene-d5	96.3		ug/l	100		96	40-110			
Surrogate: 2-Fluorobiphenyl	98.7		ug/l	100		99	40-120			
Surrogate: Terphenyl-d14	100		ug/l	100		100	55-160			
LCS Dup Analyzed: 08/20/02 (I2H1537-BSD1)										
Acenaphthene	96.1	10	ug/l	100		96	55-120	8	35	M-NRI
Acenaphthylene	96.7	10	ug/l	100		97	55-120	10	20	
Aniline	85.5	10	ug/l	100		86	30-120	5	40	
Anthracene	99.1	10	ug/l	100		99	65-120	10	15	
Benzidine	106	20	ug/l	100		106	10-200	9	35	
Benzoic acid	82.1	20	ug/l	100		82	25-120	20	40	
Benzo(a)anthracene	103	10	ug/l	100		103	70-125	8	20	
Benzo(b)fluoranthene	104	10	ug/l	100		104	65-125	0	20	
Benzo(k)fluoranthene	106	10	ug/l	100		106	65-135	6	25	
Benzo(g,h,i)perylene	96.1	10	ug/l	100		96	25-150	21	25	
Benzo(a)pyrene	104	10	ug/l	100		104	70-125	5	15	
Benzyl alcohol	99.2	20	ug/l	100		99	45-120	10	25	
Bis(2-chloroethoxy)methane	94.3	10	ug/l	100		94	50-120	9	25	
Bis(2-chloroethyl)ether	93.6	10	ug/l	100		94	45-120	9	25	
Bis(2-chloroisopropyl)ether	90.9	10	ug/l	100		91	36-120	6	25	
Bis(2-ethylhexyl)phthalate	108	50	ug/l	100		108	65-140	6	15	
4-Bromophenyl phenyl ether	106	10	ug/l	100		106	55-120	11	20	
Butyl benzyl phthalate	101	20	ug/l	100		101	70-135	8	15	
4-Chloroaniline	94.6	10	ug/l	100		95	25-120	10	50	
2-Chloronaphthalene	95.5	10	ug/l	100		96	60-118	8	25	
4-Chloro-3-methylphenol	103	20	ug/l	100		103	55-120	16	25	
2-Chlorophenol	92.8	10	ug/l	100		93	45-120	10	25	
4-Chlorophenyl phenyl ether	104	10	ug/l	100		104	60-120	13	20	
Chrysene	102	10	ug/l	100		102	70-130	9	10	
Dibenz(a,h)anthracene	94.1	20	ug/l	100		94	50-130	27	15	R-7
Dibenzofuran	104	10	ug/l	100		104	55-120	11	25	

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager



City of Simi Valley, Water Quality Control Plant Project ID: Semi-annual Monitoring
 2929 Tapo Canyon Road Quarterly W11, SV Lab# 9760
 Simi Valley, CA 93063 Report Number: ILH0636
 Attention: Barbara Santos

Sampled: 08/14/02
 Received: 08/14/02

METHOD BLANK/QC DATA

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	RPD Limits RPD	RPD Limit	Data Qualifiers
Batch: I2H1537 Extracted: 08/15/02									
LCS Dup Analyzed: 08/20/02 (I2H1537-BSD1)									
Di-n-butyl phthalate	99.3	20	ug/l	100		99	60-118 14	10	M-NR1 R-7
1,3-Dichlorobenzene	84.3	10	ug/l	100		84	30-120 5	30	
1,4-Dichlorobenzene	83.7	10	ug/l	100		84	35-120 8	25	
1,2-Dichlorobenzene	85.9	10	ug/l	100		86	45-120 8	25	
3,3-Dichlorobenzidine	107	20	ug/l	100		107	35-145 15	25	
2,4-Dichlorophenol	97.6	10	ug/l	100		98	50-120 12	25	
Diethyl phthalate	108	10	ug/l	100		108	65-114 12	15	
2,4-Dimethylphenol	72.4	20	ug/l	100		72	32-119 15	30	
Dimethyl phthalate	104	10	ug/l	100		104	65-112 9	20	
4,6-Dinitro-2-methylphenol	97.3	20	ug/l	100		97	65-125 7	20	
2,4-Dinitrophenol	88.2	20	ug/l	100		88	40-125 2	30	
2,4-Dinitrotoluene	103	10	ug/l	100		103	65-120 11	20	
2,6-Dinitrotoluene	109	10	ug/l	100		109	65-120 8	20	
Di-n-octyl phthalate	110	20	ug/l	100		110	55-146 11	20	
Fluoranthene	90.5	10	ug/l	100		90	70-120 15	15	
Fluorene	103	10	ug/l	100		103	59-120 10	30	
Hexachlorobenzene	101	10	ug/l	100		101	60-120 9	15	
Hexachlorobutadiene	93.2	10	ug/l	100		93	35-116 13	25	
Hexachlorocyclopentadiene	70.4	20	ug/l	100		70	10-120 16	35	
Hexachloroethane	82.3	10	ug/l	100		82	40-113 11	25	
Indeno(1,2,3-cd)pyrene	102	20	ug/l	100		102	40-135 18	20	
Isophorone	99.0	10	ug/l	100		99	50-120 10	20	
2-Methylnaphthalene	93.8	10	ug/l	100		94	55-120 12	20	
2-Methylphenol	93.4	10	ug/l	100		93	45-120 14	25	
4-Methylphenol	91.4	10	ug/l	100		91	45-120 12	25	
Naphthalene	91.7	10	ug/l	100		92	45-120 10	25	
2-Nitroaniline	110	20	ug/l	100		110	50-135 10	15	
3-Nitroaniline	106	20	ug/l	100		106	50-125 6	20	
4-Nitroaniline	113	20	ug/l	100		113	55-140 8	15	
Nitrobenzene	94.2	20	ug/l	100		94	45-120 12	25	
2-Nitrophenol	103	10	ug/l	100		103	50-120 7	50	
4-Nitrophenol	98.3	20	ug/l	100		98	50-132 12	30	
n-Nitrosodiphenylamine	111	10	ug/l	100		111	45-120 11	20	
n-Nitroso-di-n-propylamine	95.9	10	ug/l	100		96	45-125 13	25	
Pentachlorophenol	110	20	ug/l	100		110	50-130 12	45	
Phenanthrene	99.4	10	ug/l	100		99	65-120 11	20	

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

City of Simi Valley, Water Quality Control Plant Project ID: Semi-annual Monitoring
 2929 Tapo Canyon Road Quarterly W11, SV Lab# 9760 Sampled: 08/14/02
 Simi Valley, CA 93063 Report Number: ILH0636 Received: 08/14/02
 Attention: Barbara Santos

METHOD BLANK/QC DATA

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limit	RPD	RPD Limit	Data Qualifiers
Batch: I2H1537 Extracted: 08/15/02										
LCS Dup Analyzed: 08/20/02 (I2H1537-BSD1)										
Phenol	89.9	10	ug/l	100	90	35-112	10	25		M-NRI
Pyrene	101	10	ug/l	100	101	65-115	4	15		
1,2,4-Trichlorobenzene	92.2	10	ug/l	100	92	50-120	11	25		
2,4,5-Trichlorophenol	114	20	ug/l	100	114	55-120	8	35		
2,4,6-Trichlorophenol	107	20	ug/l	100	107	55-120	9	25		
1,2-Diphenylhydrazine/Azobenzene	117	20	ug/l	100	117	50-125	10	15		
Surrogate: 2-Fluorophenol	166		ug/l	200	83	30-110				
Surrogate: Phenol-d6	178		ug/l	200	89	40-110				
Surrogate: 2,4,6-Tribromophenol	213		ug/l	200	106	55-140				
Surrogate: Nitrobenzene-d5	92.2		ug/l	100	92	40-110				
Surrogate: 2-Fluorobiphenyl	95.8		ug/l	100	96	40-120				
Surrogate: Terphenyl-d14	101		ug/l	100	101	55-160				

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

City of Simi Valley, Water Quality Control Plant
 2929 Tapo Canyon Road
 Simi Valley, CA 93063
 Attention: Barbara Santos

Project ID: Semi-annual Monitoring
 Quarterly W11, SV Lab# 9760
 Report Number: ILH0636

Sampled: 08/14/02
 Received: 08/14/02

METHOD BLANK/QC DATA

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS (EPA 418.1)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	RPD Limits	RPD RPD	RPD Limit	Data Qualifiers
Batch: I2H2071 Extracted: 08/20/02										
Blank Analyzed: 08/20/02 (I2H2071-BLK1)										
Total Recoverable Hydrocarbons	ND	1.0	mg/l							
LCS Analyzed: 08/20/02 (I2H2071-BS1)										
Total Recoverable Hydrocarbons	4.54	1.0	mg/l	5.00		91	80-120			
LCS Dup Analyzed: 08/20/02 (I2H2071-BSD1)										
Total Recoverable Hydrocarbons	4.66	1.0	mg/l	5.00		93	80-120	3	15	M-NR1

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager



City of Simi Valley, Water Quality Control Plant
 2929 Tapo Canyon Road
 Simi Valley, CA 93063
 Attention: Barbara Santos

Project ID: Semi-annual Monitoring
 Quarterly W10, SV Lab# 9759
 Report Number: ILH0634

Sampled: 08/14/02
 Received: 08/14/02

METHOD BLANK/QC DATA

METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Data Qualifiers
---------	--------	-----------------	-------	-------------	---------------	-------------	-----	-----------	-----------------

Batch: I2H1558 Extracted: 08/15/02

Blank Analyzed: 08/16/02 (I2H1558-BLK1)

Arsenic	ND	0.0050	mg/l						
Cadmium	ND	0.0050	mg/l						
Chromium	ND	0.0050	mg/l						
Copper	ND	0.010	mg/l						
Lead	ND	0.0050	mg/l						
Nickel	ND	0.010	mg/l						
Zinc	ND	0.020	mg/l						

LCS Analyzed: 08/16/02 (I2H1558-BS1)

Arsenic	0.528	0.0050	mg/l	0.500		106	85-115		
Cadmium	0.522	0.0050	mg/l	0.500		104	85-115		
Chromium	0.516	0.0050	mg/l	0.500		103	85-115		
Copper	0.514	0.010	mg/l	0.500		103	85-115		
Lead	0.515	0.0050	mg/l	0.500		103	85-115		
Nickel	0.522	0.010	mg/l	0.500		104	85-115		
Zinc	0.522	0.020	mg/l	0.500		104	85-115		

Matrix Spike Analyzed: 08/16/02 (I2H1558-MS1)

Source: ILH0608-01RE1

Arsenic	0.530	0.0050	mg/l	0.500	ND	106	70-130		
Cadmium	0.502	0.0050	mg/l	0.500	ND	100	70-130		
Chromium	0.502	0.0050	mg/l	0.500	ND	100	70-130		
Copper	0.545	0.010	mg/l	0.500	ND	108	70-130		
Lead	0.501	0.0050	mg/l	0.500	ND	100	70-130		
Nickel	0.509	0.010	mg/l	0.500	ND	102	70-130		
Zinc	0.526	0.020	mg/l	0.500	ND	102	70-130		

Matrix Spike Dup Analyzed: 08/16/02 (I2H1558-MSD1)

Source: ILH0608-01RE1

Arsenic	0.528	0.0050	mg/l	0.500	ND	106	70-130	0	20
Cadmium	0.503	0.0050	mg/l	0.500	ND	101	70-130	0	20
Chromium	0.501	0.0050	mg/l	0.500	ND	100	70-130	0	20
Copper	0.546	0.010	mg/l	0.500	ND	109	70-130	0	20
Lead	0.500	0.0050	mg/l	0.500	ND	100	70-130	0	20
Nickel	0.511	0.010	mg/l	0.500	ND	102	70-130	0	20
Zinc	0.528	0.020	mg/l	0.500	ND	102	70-130	0	20

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

City of Simi Valley, Water Quality Control Plant Project ID: Semi-annual Monitoring
 2929 Tapo Canyon Road Quarterly W10, SV Lab# 9759 Sampled: 08/14/02
 Simi Valley, CA 93063 Report Number: ILH0634 Received: 08/14/02
 Attention: Barbara Santos

METHOD BLANK/QC DATA

INORGANICS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC Limits	RPD RPD	RPD Limit	Data Qualifiers
Batch: I2H1561 Extracted: 08/15/02									
Blank Analyzed: 08/15/02 (I2H1561-BLK1)									
Surfactants (MBAS)	ND	0.10	mg/l						
LCS Analyzed: 08/15/02 (I2H1561-BS1)									
Surfactants (MBAS)	0.276	0.10	mg/l	0.250		110 90-110			
Matrix Spike Analyzed: 08/15/02 (I2H1561-MS1)									
Surfactants (MBAS)	0.295	0.10	mg/l	0.250	0.11	74 50-125			
Matrix Spike Dup Analyzed: 08/15/02 (I2H1561-MSD1)									
Surfactants (MBAS)	0.303	0.10	mg/l	0.250	0.11	77 50-125	3	20	
Batch: I2H2202 Extracted: 08/21/02									
Blank Analyzed: 08/21/02 (I2H2202-BLK1)									
Oil & Grease	ND	5.0	mg/l						
LCS Analyzed: 08/21/02 (I2H2202-BS1)									
Oil & Grease	19.0	5.0	mg/l	20.0		95 80-120			
LCS Dup Analyzed: 08/21/02 (I2H2202-BSD1)									
Oil & Grease	18.8	5.0	mg/l	20.0		94 80-120	1	20	M-NRI

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical.



City of Simi Valley, Water Quality Control Plant Project ID: Semi-annual Monitoring
 2929 Tapo Canyon Road Quarterly W10, SV Lab# 9759
 Simi Valley, CA 93063 Report Number: ILH0634
 Attention: Barbara Santos

Sampled: 08/14/02
 Received: 08/14/02

METHOD BLANK/QC DATA

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limits RPD	RPD Limit	Data Qualifiers
Batch: I2H1537 Extracted: 08/15/02									
Blank Analyzed: 08/20/02 (I2H1537-BLK1)									
Acenaphthene	ND	10	ug/l						
Acenaphthylene	ND	10	ug/l						
Aniline	ND	10	ug/l						
Anthracene	ND	10	ug/l						
Benzidine	ND	20	ug/l						
Benzoic acid	ND	20	ug/l						
Benzo(a)anthracene	ND	10	ug/l						
Benzo(b)fluoranthene	ND	10	ug/l						
Benzo(k)fluoranthene	ND	10	ug/l						
Benzo(g,h,i)perylene	ND	10	ug/l						
Benzo(a)pyrene	ND	10	ug/l						
Benzyl alcohol	ND	20	ug/l						
Bis(2-chloroethoxy)methane	ND	10	ug/l						
Bis(2-chloroethyl)ether	ND	10	ug/l						
Bis(2-chloroisopropyl)ether	ND	10	ug/l						
Bis(2-ethylhexyl)phthalate	ND	50	ug/l						
4-Bromophenyl phenyl ether	ND	10	ug/l						
Butyl benzyl phthalate	ND	20	ug/l						
4-Chloroaniline	ND	10	ug/l						
2-Chloronaphthalene	ND	10	ug/l						
4-Chloro-3-methylphenol	ND	20	ug/l						
2-Chlorophenol	ND	10	ug/l						
4-Chlorophenyl phenyl ether	ND	10	ug/l						
Chrysene	ND	10	ug/l						
Dibenz(a,h)anthracene	ND	20	ug/l						
Dibenzofuran	ND	10	ug/l						
Di-n-butyl phthalate	ND	20	ug/l						
1,3-Dichlorobenzene	ND	10	ug/l						
1,4-Dichlorobenzene	ND	10	ug/l						
1,2-Dichlorobenzene	ND	10	ug/l						
1,3-Dichlorobenzidine	ND	20	ug/l						
2,4-Dichlorophenol	ND	10	ug/l						
Diethyl phthalate	ND	10	ug/l						
2,4-Dimethylphenol	ND	20	ug/l						
Dimethyl phthalate	ND	10	ug/l						
4,6-Dinitro-2-methylphenol	ND	20	ug/l						

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical.

City of Simi Valley, Water Quality Control Plant Project ID: Semi-annual Monitoring
 2929 Tapo Canyon Road Quarterly W10, SV Lab# 9759
 Simi Valley, CA 93063 Report Number: ILH0634
 Attention: Barbara Santos

Sampled: 08/14/02
 Received: 08/14/02

METHOD BLANK/QC DATA

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: I2H1537 Extracted: 08/15/02									
Blank Analyzed: 08/20/02 (I2H1537-BLK1)									
2,4-Dinitrophenol	ND	20	ug/l						
2,4-Dinitrotoluene	ND	10	ug/l						
2,6-Dinitrotoluene	ND	10	ug/l						
Di-n-octyl phthalate	ND	20	ug/l						
Fluoranthene	ND	10	ug/l						
Fluorene	ND	10	ug/l						
Hexachlorobenzene	ND	10	ug/l						
Hexachlorobutadiene	ND	10	ug/l						
Hexachlorocyclopentadiene	ND	20	ug/l						
Hexachloroethane	ND	10	ug/l						
Indeno(1,2,3-cd)pyrene	ND	20	ug/l						
Isophorone	ND	10	ug/l						
2-Methylnaphthalene	ND	10	ug/l						
2-Methylphenol	ND	10	ug/l						
4-Methylphenol	ND	10	ug/l						
Naphthalene	ND	10	ug/l						
1-Nitroaniline	ND	20	ug/l						
3-Nitroaniline	ND	20	ug/l						
4-Nitroaniline	ND	20	ug/l						
Nitrobenzene	ND	20	ug/l						
2-Nitrophenol	ND	10	ug/l						
4-Nitrophenol	ND	20	ug/l						
1-Nitrosodiphenylamine	ND	10	ug/l						
1-Nitroso-di-n-propylamine	ND	10	ug/l						
Pentachlorophenol	ND	20	ug/l						
Phenanthrene	ND	10	ug/l						
Phenol	ND	10	ug/l						
Pyrene	ND	10	ug/l						
1,2,4-Trichlorobenzene	ND	10	ug/l						
2,4,5-Trichlorophenol	ND	20	ug/l						
2,4,6-Trichlorophenol	ND	20	ug/l						
1,2-Diphenylhydrazine/Azobenzene	ND	20	ug/l						
1-Nitrosodimethylamine	ND	20	ug/l						
Resol	ND	10	ug/l						
Surrogate: 2-Fluorophenol	136		ug/l	200		68	30-110		
Surrogate: Phenol-d6	146		ug/l	200		73	40-110		

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical.

City of Simi Valley, Water Quality Control Plant Project ID: Semi-annual Monitoring
 2929 Tapo Canyon Road Quarterly W10, SV Lab# 9759
 Simi Valley, CA 93063 Report Number: ILH0634
 Attention: Barbara Santos

Sampled: 08/14/02
 Received: 08/14/02

METHOD BLANK/QC DATA

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	% REC % REC	RPD Limits RPD	RPD Limit	Data Qualifiers
Batch: I2H1537 Extracted: 08/15/02									
Blank Analyzed: 08/20/02 (I2H1537-BLK1)									
Surrogate: 2,4,6-Tribromophenol	176		ug/l	200		88	55-140		
Surrogate: Nitrobenzene-d5	74.3		ug/l	100		74	40-110		
Surrogate: 2-Fluorobiphenyl	78.3		ug/l	100		78	40-120		
Surrogate: Terphenyl-d14	86.4		ug/l	100		86	55-160		
LCS Analyzed: 08/20/02 (I2H1537-BS1)									
Acenaphthene	104	10	ug/l	100		104	55-120		
Acenaphthylene	107	10	ug/l	100		107	55-120		
Aniline	90.0	10	ug/l	100		90	30-120		
Anthracene	110	10	ug/l	100		110	65-120		
Benzenzidine	96.6	20	ug/l	100		97	10-200		
Benzoic acid	99.9	20	ug/l	100		100	25-120		
Benzo(a)anthracene	112	10	ug/l	100		112	70-125		
Benzo(b)fluoranthene	104	10	ug/l	100		104	65-125		
Benzo(k)fluoranthene	112	10	ug/l	100		112	65-135		
Benzo(g,h,i)perylene	119	10	ug/l	100		119	25-150		
Benzo(a)pyrene	109	10	ug/l	100		109	70-125		
Benzyl alcohol	110	20	ug/l	100		110	45-120		
Bis(2-chloroethoxy)methane	103	10	ug/l	100		103	50-120		
Bis(2-chloroethyl)ether	102	10	ug/l	100		102	45-120		
Bis(2-chloroisopropyl)ether	96.9	10	ug/l	100		97	36-120		
Bis(2-ethylhexyl)phthalate	115	50	ug/l	100		115	65-140		
4-Bromophenyl phenyl ether	118	10	ug/l	100		118	55-120		
Butyl benzyl phthalate	109	20	ug/l	100		109	70-135		
Chloroaniline	105	10	ug/l	100		105	25-120		
2-Chloronaphthalene	103	10	ug/l	100		103	60-118		
Chloro-3-methylphenol	121	20	ug/l	100		121	55-120		L
Chlorophenol	103	10	ug/l	100		103	45-120		
4-Chlorophenyl phenyl ether	118	10	ug/l	100		118	60-120		
Chrysene	112	10	ug/l	100		112	70-130		
Dibenz(a,h)anthracene	124	20	ug/l	100		124	50-130		
Dibenzofuran	116	10	ug/l	100		116	55-120		
Di-n-butyl phthalate	114	20	ug/l	100		114	60-118		
1,3-Dichlorobenzene	88.9	10	ug/l	100		89	30-120		
1,4-Dichlorobenzene	90.9	10	ug/l	100		91	35-120		
1,2-Dichlorobenzene	93.4	10	ug/l	100		93	45-120		

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical.

City of Simi Valley, Water Quality Control Plant
 2929 Tapo Canyon Road
 Simi Valley, CA 93063
 Attention: Barbara Santos

Project ID: Semi-annual Monitoring
 Quarterly W10, SV Lab# 9759
 Report Number: ILH0634

Sampled: 08/14/02
 Received: 08/14/02

METHOD BLANK/QC DATA

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC Limits	RPD RPD	RPD Limit	Data Qualifiers
Batch: I2H1537 Extracted: 08/15/02									
LCS Analyzed: 08/20/02 (I2H1537-BS1)									
3,3-Dichlorobenzidine	124	20	ug/l	100		124 35-145			
2,4-Dichlorophenol	110	10	ug/l	100		110 50-120			
Diethyl phthalate	122	10	ug/l	100		122 65-114			L
2,4-Dimethylphenol	84.1	20	ug/l	100		84 32-119			
Dimethyl phthalate	114	10	ug/l	100		114 65-112			L
4,6-Dinitro-2-methylphenol	104	20	ug/l	100		104 65-125			
2,4-Dinitrophenol	90.3	20	ug/l	100		90 40-125			
2,4-Dinitrotoluene	115	10	ug/l	100		115 65-120			
2,6-Dinitrotoluene	118	10	ug/l	100		118 65-120			
Di-n-octyl phthalate	123	20	ug/l	100		123 55-146			
Fluoranthene	105	10	ug/l	100		105 70-120			
Fluorene	114	10	ug/l	100		114 59-120			
Hexachlorobenzene	111	10	ug/l	100		111 60-120			
Hexachlorobutadiene	106	10	ug/l	100		106 35-116			
Hexachlorocyclopentadiene	82.5	20	ug/l	100		82 10-120			
Hexachloroethane	92.0	10	ug/l	100		92 40-113			
Indeno(1,2,3-cd)pyrene	122	20	ug/l	100		122 40-135			
Isophorone	109	10	ug/l	100		109 50-120			
2-Methylnaphthalene	106	10	ug/l	100		106 55-120			
2-Methylphenol	107	10	ug/l	100		107 45-120			
4-Methylphenol	103	10	ug/l	100		103 45-120			
Naphthalene	101	10	ug/l	100		101 45-120			
2-Nitroaniline	121	20	ug/l	100		121 50-135			
3-Nitroaniline	112	20	ug/l	100		112 50-125			
4-Nitroaniline	123	20	ug/l	100		123 55-140			
Nitrobenzene	106	20	ug/l	100		106 45-120			
2-Nitrophenol	111	10	ug/l	100		111 50-120			
4-Nitrophenol	111	20	ug/l	100		111 50-132			
n-Nitrosodiphenylamine	124	10	ug/l	100		124 45-120			L
n-Nitroso-di-n-propylamine	109	10	ug/l	100		109 45-125			
Pentachlorophenol	124	20	ug/l	100		124 50-130			
Phenanthrene	111	10	ug/l	100		111 65-120			
Phenol	99.7	10	ug/l	100		100 35-112			
Pyrene	105	10	ug/l	100		105 65-115			
1,2,4-Trichlorobenzene	103	10	ug/l	100		103 50-120			
2,4,5-Trichlorophenol	123	20	ug/l	100		123 55-120			L

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical.

City of Simi Valley, Water Quality Control Plant Project ID: Semi-annual Monitoring
 2929 Tapo Canyon Road Quarterly W10, SV Lab# 9759
 Simi Valley, CA 93063 Report Number: ILH0634
 Attention: Barbara Santos

Sampled: 08/14/02
 Received: 08/14/02

METHOD BLANK/QC DATA

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	% REC % REC	% REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: I2H1537 Extracted: 08/15/02										
LCS Analyzed: 08/20/02 (I2H1537-BS1)										
2,4,6-Trichlorophenol	117	20	ug/l	100		117	55-120			
1,2-Diphenylhydrazine/Azobenzene	129	20	ug/l	100		129	50-125			L
Surrogate: 2-Fluorophenol	170		ug/l	200		85	30-110			
Surrogate: Phenol-d6	184		ug/l	200		92	40-110			
Surrogate: 2,4,6-Tribromophenol	233		ug/l	200		116	55-140			
Surrogate: Nitrobenzene-d5	96.3		ug/l	100		96	40-110			
Surrogate: 2-Fluorobiphenyl	98.7		ug/l	100		99	40-120			
Surrogate: Terphenyl-d14	100		ug/l	100		100	55-160			
LCS Dup Analyzed: 08/20/02 (I2H1537-BSD1)										
Acenaphthene	96.1	10	ug/l	100		96	55-120	8	35	
Acenaphthylene	96.7	10	ug/l	100		97	55-120	10	20	
Aniline	85.5	10	ug/l	100		86	30-120	5	40	
Anthracene	99.1	10	ug/l	100		99	65-120	10	15	
Benzidine	106	20	ug/l	100		106	10-200	9	35	
Benzoic acid	82.1	20	ug/l	100		82	25-120	20	40	
Benzo(a)anthracene	103	10	ug/l	100		103	70-125	8	20	
Benzo(b)fluoranthene	104	10	ug/l	100		104	65-125	0	20	
Benzo(k)fluoranthene	106	10	ug/l	100		106	65-135	6	25	
Benzo(g,h,i)perylene	96.1	10	ug/l	100		96	25-150	21	25	
Benzo(a)pyrene	104	10	ug/l	100		104	70-125	5	15	
Benzyl alcohol	99.2	20	ug/l	100		99	45-120	10	25	
Bis(2-chloroethoxy)methane	94.3	10	ug/l	100		94	50-120	9	25	
Bis(2-chloroethyl)ether	93.6	10	ug/l	100		94	45-120	9	25	
Bis(2-chloroisopropyl)ether	90.9	10	ug/l	100		91	36-120	6	25	
Bis(2-ethylhexyl)phthalate	108	50	ug/l	100		108	65-140	6	15	
4-Bromophenyl phenyl ether	106	10	ug/l	100		106	55-120	11	20	
Butyl benzyl phthalate	101	20	ug/l	100		101	70-135	8	15	
4-Chloroaniline	94.6	10	ug/l	100		95	25-120	10	50	
2-Chloronaphthalene	95.5	10	ug/l	100		96	60-118	8	25	
1-Chloro-3-methylphenol	103	20	ug/l	100		103	55-120	16	25	
2-Chlorophenol	92.8	10	ug/l	100		93	45-120	10	25	
4-Chlorophenyl phenyl ether	104	10	ug/l	100		104	60-120	13	20	
Chrysene	102	10	ug/l	100		102	70-130	9	10	
Dibenz(a,h)anthracene	94.1	20	ug/l	100		94	50-130	27	15	R-7
Dibenzofuran	104	10	ug/l	100		104	55-120	11	25	

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical.

City of Simi Valley, Water Quality Control Plant Project ID: Semi-annual Monitoring
 2929 Tapo Canyon Road Quarterly W10, SV Lab# 9759
 Simi Valley, CA 93063 Report Number: ILH0634
 Attention: Barbara Santos Sampled: 08/14/02
 Received: 08/14/02

METHOD BLANK/QC DATA

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD RPD	RPD Limit	Data Qualifiers
Batch: I2H1537 Extracted: 08/15/02										
LCS Dup Analyzed: 08/20/02 (I2H1537-BSD1)										
Di-n-butyl phthalate	99.3	20	ug/l	100		99	60-118	14	10	M-NR1 R-7
1,3-Dichlorobenzene	84.3	10	ug/l	100		84	30-120	5	30	
1,4-Dichlorobenzene	83.7	10	ug/l	100		84	35-120	8	25	
1,2-Dichlorobenzene	85.9	10	ug/l	100		86	45-120	8	25	
3,3-Dichlorobenzidine	107	20	ug/l	100		107	35-145	15	25	
2,4-Dichlorophenol	97.6	10	ug/l	100		98	50-120	12	25	
Diethyl phthalate	108	10	ug/l	100		108	65-114	12	15	
2,4-Dimethylphenol	72.4	20	ug/l	100		72	32-119	15	30	
Dimethyl phthalate	104	10	ug/l	100		104	65-112	9	20	
4,6-Dinitro-2-methylphenol	97.3	20	ug/l	100		97	65-125	7	20	
2,4-Dinitrophenol	88.2	20	ug/l	100		88	40-125	2	30	
2,4-Dinitrotoluene	103	10	ug/l	100		103	65-120	11	20	
2,6-Dinitrotoluene	109	10	ug/l	100		109	65-120	8	20	
Di-n-octyl phthalate	110	20	ug/l	100		110	55-146	11	20	
Fluoranthene	90.5	10	ug/l	100		90	70-120	15	15	
Fluorene	103	10	ug/l	100		103	59-120	10	30	
Hexachlorobenzene	101	10	ug/l	100		101	60-120	9	15	
Hexachlorobutadiene	93.2	10	ug/l	100		93	35-116	13	25	
Hexachlorocyclopentadiene	70.4	20	ug/l	100		70	10-120	16	35	
Hexachloroethane	82.3	10	ug/l	100		82	40-113	11	25	
Indeno(1,2,3-cd)pyrene	102	20	ug/l	100		102	40-135	18	20	
Isophorone	99.0	10	ug/l	100		99	50-120	10	20	
2-Methylnaphthalene	93.8	10	ug/l	100		94	55-120	12	20	
2-Methylphenol	93.4	10	ug/l	100		93	45-120	14	25	
4-Methylphenol	91.4	10	ug/l	100		91	45-120	12	25	
Naphthalene	91.7	10	ug/l	100		92	45-120	10	25	
2-Nitroaniline	110	20	ug/l	100		110	50-135	10	15	
3-Nitroaniline	106	20	ug/l	100		106	50-125	6	20	
4-Nitroaniline	113	20	ug/l	100		113	55-140	8	15	
Nitrobenzene	94.2	20	ug/l	100		94	45-120	12	25	
2-Nitrophenol	103	10	ug/l	100		103	50-120	7	50	
4-Nitrophenol	98.3	20	ug/l	100		98	50-132	12	30	
n-Nitrosodiphenylamine	111	10	ug/l	100		111	45-120	11	20	
n-Nitroso-di-n-propylamine	95.9	10	ug/l	100		96	45-125	13	25	
Pentachlorophenol	110	20	ug/l	100		110	50-130	12	45	
Phenanthrene	99.4	10	ug/l	100		99	65-120	11	20	

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical.

City of Simi Valley, Water Quality Control Plant Project ID: Semi-annual Monitoring
 2929 Tapo Canyon Road Quarterly W10, SV Lab# 9759
 Simi Valley, CA 93063 Report Number: ILH0634
 Attention: Barbara Santos

Sampled: 08/14/02
 Received: 08/14/02

METHOD BLANK/QC DATA

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: I2H1537 Extracted: 08/15/02									
LCS Dup Analyzed: 08/20/02 (I2H1537-BSD1)									
Phenol	89.9	10	ug/l	100		90 35-112	10	25	M-NR1
Pyrene	101	10	ug/l	100		101 65-115	4	15	
1,2,4-Trichlorobenzene	92.2	10	ug/l	100		92 50-120	11	25	
2,4,5-Trichlorophenol	114	20	ug/l	100		114 55-120	8	35	
2,4,6-Trichlorophenol	107	20	ug/l	100		107 55-120	9	25	
1,2-Diphenylhydrazine/Azobenzene	117	20	ug/l	100		117 50-125	10	15	
Surrogate: 2-Fluorophenol	166		ug/l	200		83 30-110			
Surrogate: Phenol-d6	178		ug/l	200		89 40-110			
Surrogate: 2,4,6-Tribromophenol	213		ug/l	200		106 55-140			
Surrogate: Nitrobenzene-d5	92.2		ug/l	100		92 40-110			
Surrogate: 2-Fluorobiphenyl	95.8		ug/l	100		96 40-120			
Surrogate: Terphenyl-d14	101		ug/l	100		101 55-160			

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager



City of Simi Valley, Water Quality Control Plant Project ID: Semi-annual Monitoring
 2929 Tapo Canyon Road Quarterly W10, SV Lab# 9759 Sampled: 08/14/02
 Simi Valley, CA 93063 Report Number: ILH0634 Received: 08/14/02
 Attention: Barbara Santos

METHOD BLANK/QC DATA

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS (EPA 418.1)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: I2H2071 Extracted: 08/20/02										
Blank Analyzed: 08/20/02 (I2H2071-BLK1)										
Total Recoverable Hydrocarbons	ND	1.0	mg/l							
LCS Analyzed: 08/20/02 (I2H2071-BS1)										
Total Recoverable Hydrocarbons	4.54	1.0	mg/l	5.00		91	80-120			
LCS Dup Analyzed: 08/20/02 (I2H2071-BSD1)										
Total Recoverable Hydrocarbons	4.66	1.0	mg/l	5.00		93	80-120	3	15	M-NRI

Del Mar Analytical, Irvine
 Rachel Parker
 Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical.

Del Mar Analytical

2852 Alton Ave., Irvine, CA 92606 (949) 261-1022 FAX (949) 261-1023
1014 E. Cooley Dr., Suite A, Colton, CA 92324 (909) 370-4667 FAX (909) 370-1024
9484 Chesapeake Dr., Suite 805, San Diego, CA 92123 (858) 505-8596 FAX (858) 505-2668
9830 South 51st St., Suite B-120, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0665
2520 E. Sunset Rd. #3, Las Vegas, NV 89120 (702) 798-3620 FAX (702) 798-3622

September 17, 2002

City of Simi Valley, Water Quality Control Plant
2929 Tapo Canyon Road
Simi Valley, CA 93063

Attention: Barbara Santos

Project: Semi-annual Monitoring, SV Lab# 9759
Quarterly W10, Sampled: 8/14/02
Del Mar Analytical Number: ILH0634

Dear Ms. Santos:

Please find enclosed the final report for the referenced project. The Nitrogen- and Phosphorus- Containing Pesticides analysis by EPA Method 507, Chlorinated Pesticides analysis by EPA Method 508, and PCBs by EPA Method 508(A) were subcontracted to Weck Laboratories, Inc. The cross-reference identification is as follows:

Simi Valley ID	Del Mar, Irvine ID	Weck Lab ID
W10 Comp., #9759	ILH0634-01	A205147-001

Attached is the original report from Weck Laboratories. If you have any questions or require further assistance, please do not hesitate to contact me.

Sincerely yours,

DEL MAR ANALYTICAL



Rachel Parker
Project Manager



Client: Del Mar Analytical
Project Name: City of Simi Valley

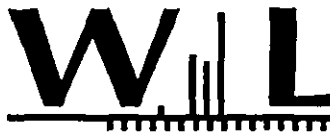
QC Report Date: Tuesday, September 10, 2002
Project #:

QUALITY CONTROL REPORT

QC Lab#	TestGroup	Parameter	Sample Result	QC Result	Units	Amt Added/ True Value	%R or RPD	%RPD for MSD	Low Limit	High Limit
A205143-001MS	507_ms	Alachlor	ND	3.16	ug/L	4	79		60	130
A205143-001MS	507_ms	Atrazine	ND	ND	ug/L	1	78.7		57	127
A205143-001MS	507_ms	Bromacil	ND	18.3	ug/L	20	91.5		56	126
A205143-001MS	507_ms	Butachlor	ND	1.61	ug/L	2	80.3		58	128
A205143-001MS	507_ms	Diazinon	ND	0.849	ug/L	1	84.9		58	128
A205143-001MS	507_ms	Metolachlor	ND	1.43	ug/L	2	71.5		23	149
A205143-001MS	507_ms	Metribuzin	ND	1.73	ug/L	2	86.7		66	136
A205143-001MS	507_ms	Molinate	ND	ND	ug/L	1	76.4		63	133
A205143-001MS	507_ms	Prometryn	ND	ND	ug/L	1	82.3		58	128
A205143-001MS	507_ms	Simazine	ND	ND	ug/L	1	86.4		65	135
A205143-001MS	507_ms	Thiobencarb	ND	3.12	ug/L	4	78		26	167
A205143-001MSD	507_msd	Alachlor	ND	3.72	ug/L	4	93	16	60	130
A205143-001MSD	507_msd	Atrazine	ND	ND	ug/L	1	95	19	57	127
A205143-001MSD	507_msd	Bromacil	ND	22.7	ug/L	20	113.4	21	56	126
A205143-001MSD	507_msd	Butachlor	ND	1.89	ug/L	2	94.5	16	58	128
A205143-001MSD	507_msd	Diazinon	ND	1.03	ug/L	1	102.9	19	58	128
A205143-001MSD	507_msd	Metolachlor	ND	1.68	ug/L	2	84	16	23	149
A205143-001MSD	507_msd	Metribuzin	ND	2.17	ug/L	2	108.5	22	66	136
A205143-001MSD	507_msd	Molinate	ND	ND	ug/L	1	90	16	63	133
A205143-001MSD	507_msd	Prometryn	ND	ND	ug/L	1	98.5	18	58	128
A205143-001MSD	507_msd	Simazine	ND	1.07	ug/L	1	107.4	22	65	135
A205143-001MSD	507_msd	Thiobencarb	ND	3.74	ug/L	4	93.4	18	26	167
A205143-001SURR	507_sur	1,3-dimethyl-2-nitrobenzene		2.30	ug/L	2.5	92		70	130
A205145-001SURR	507_sur	1,3-dimethyl-2-nitrobenzene		2.48	ug/L	2.5	99.2		70	130
A205147-001SURR	507_sur	1,3-dimethyl-2-nitrobenzene		2.29	ug/L	2.5	91.6		70	130
A205182-001SURR	507_sur	1,3-dimethyl-2-nitrobenzene		2.16	ug/L	2.5	86.4		70	130
A205182-002SURR	507_sur	1,3-dimethyl-2-nitrobenzene		2.21	ug/L	2.5	88.4		70	130
LCS	507_ics	Alachlor		3.36	ug/L	4	84		25	160
LCS	507_ics	Atrazine		ND	ug/L	1	82.5		22	156
LCS	507_ics	Bromacil		19.0	ug/L	20	95		28	168
LCS	507_ics	Butachlor		1.72	ug/L	2	86		23	160
LCS	507_ics	Diazinon		0.917	ug/L	1	91.7		14	157
LCS	507_ics	Metolachlor		1.56	ug/L	2	78.3		34	138
LCS	507_ics	Metribuzin		1.89	ug/L	2	94.5		44	132
LCS	507_ics	Molinate		ND	ug/L	1	79.7		24	163
LCS	507_ics	Prometryn		ND	ug/L	1	88.3		21	160
LCS	507_ics	Simazine		ND	ug/L	1	88.4		29	162

Note:

ND = Not Detected MS = Matrix Spike MSD = Matrix Spike Duplicate SURR = Surrogate
 BL = Blank DUP = Duplicate RPD = Relative Percent Deviation LCS = Laboratory Control Standard



Client: Dei Mar Analytical
Project Name: City of Simi Valley

QC Report Date: Tuesday, September 10, 2002
Project #:

QUALITY CONTROL REPORT

QC Lab#	TestGroup	Parameter	Sample Result	QC Result	Units	Amt. Added/ True Value	%R or RPD	%RPD for MSD	Low Limit	High Limit
LCS	507_lcs	Thiobencarb		3.40	ug/L	4	85	33	154	
Method Blank	507_bl	Alachlor		ND	ug/L		0			1
Method Blank	507_bl	Atrazine		ND	ug/L		0			1
Method Blank	507_bl	Bromacil		ND	ug/L		0			10
Method Blank	507_bl	Butachlor		ND	ug/L		0			0.38
Method Blank	507_bl	Diazinon		ND	ug/L		0			0.25
Method Blank	507_bl	Dimethoate		ND	ug/L		0			10
Method Blank	507_bl	Metolachlor		ND	ug/L		0			0.5
Method Blank	507_bl	Metribuzin		ND	ug/L		0			0.5
Method Blank	507_bl	Molinate		ND	ug/L		0			2
Method Blank	507_bl	Prometon		ND	ug/L		0			1
Method Blank	507_bl	Prometryn		ND	ug/L		0			2
Method Blank	507_bl	Simazine		ND	ug/L		0			1
Method Blank	507_bl	Thiobencarb		ND	ug/L		0			1

Worksheet #:	Lab#:	Test Name	Analyzed Date
WS36192	A205143-001	Triazine pesticides in drinking water	8/20/2002
WS36192	A205145-001	Triazine pesticides in drinking water	8/20/2002
WS36192	A205147-001	Triazine pesticides in drinking water	8/20/2002
WS36192	A205182-001	Triazine pesticides in drinking water	8/20/2002
WS36192	A205182-002	Triazine pesticides in drinking water	8/20/2002

Note:

ND = Not Detected MS = Matrix Spike MSD = Matrix Spike Duplicate SURR = Surrogate
 BL = Blank DUP = Duplicate RPD = Relative Percent Deviation LCS = Laboratory Control Standard



Client: Del Mar Analytical
Project Name: City of Simi Valley

QC Report Date: Tuesday, September 10, 2002
Project #:

QUALITY CONTROL REPORT

Table with columns: QC Lab#, TestGroup, Parameter, Sample Result, QC Result, Units, Amt. Added/True Value, %R or RPD, %RPD for MSD, Low Limit, High Limit. Includes rows for various chemical tests like 2,4,5,6-tetrachloro-m-xylene, decachlorobiphenyl, etc.

Note:

ND = Not Detected MS = Matrix Spike MSD = Matrix Spike Duplicate SURR = Surrogate
BL = Blank DUP = Duplicate RPD = Relative Percent Deviation LCS = Laboratory Control Standard



Client: Del Mar Analytical
Project Name: City of Simi Valley

QC Report Date: Tuesday, September 10, 2002
Project #:

QUALITY CONTROL REPORT

QC Lab#	TestGroup	Parameter	Sample Result	QC Result	Units	Amt. Added/ True Value	%R or RPD	%RPD for MSD	Low Limit	High Limit
A205167-003MS	508_ms	Methoxychlor	ND	0.528	ug/L	0.1	528		70	140
		<i>QC Notes: high bias, but sample's not detected</i>								
A205167-003MSD	508_msd	4,4'-DDD	ND	0.147	ug/L	0.1	147	104	72	142
A205167-003MSD	508_msd	4,4'-DDE	ND	0.135	ug/L	0.1	135	59	64	134
A205167-003MSD	508_msd	4,4'-DDT	ND	0.222	ug/L	0.1	222	97	77	147
A205167-003MSD	508_msd	Aldrin	ND	0.0260	ug/L	0.1	26	126	51	121
A205167-003MSD	508_msd	alpha-BHC	ND	0.163	ug/L	0.1	163	4	57	127
A205167-003MSD	508_msd	beta-BHC	ND	0.144	ug/L	0.1	144	19	60	130
A205167-003MSD	508_msd	delta-BHC	ND	0.144	ug/L	0.1	144	19	67	137
A205167-003MSD	508_msd	Dieldrin	ND	0.126	ug/L	0.1	126	24	52	122
A205167-003MSD	508_msd	Endosulfan I	ND	0.171	ug/L	0.1	171	2	52	122
A205167-003MSD	508_msd	Endosulfan II	ND	0.149	ug/L	0.1	149	79	57	127
A205167-003MSD	508_msd	Endosulfan sulfate	ND	0.161	ug/L	0.1	161	66	67	137
A205167-003MSD	508_msd	Endrin	ND	0.157	ug/L	0.1	157	7	53	123
A205167-003MSD	508_msd	Endrin aldehyde	ND	0.206	ug/L	0.1	206	33	53	123
A205167-003MSD	508_msd	gamma-BHC (lindane)	ND	0.129	ug/L	0.1	129	2	54	124
A205167-003MSD	508_msd	Heptachlor	ND	0.143	ug/L	0.1	143	0	63	133
A205167-003MSD	508_msd	Heptachlor epoxide	ND	0.157	ug/L	0.1	157	10	52	122
A205167-003MSD	508_msd	Methoxychlor	ND	0.185	ug/L	0.1	185	96	70	140
A205167-003SURR	508_surr	2,4,5,6-tetrachloro-m-xylene		0.0950	ug/L	0.1	95		70	130
A205167-003SURR	508_surr	decachlorobiphenyl		0.0940	ug/L	0.1	94		70	130
A205167-004SURR	508_surr	2,4,5,6-tetrachloro-m-xylene		0.0900	ug/L	0.1	90		70	130
A205167-004SURR	508_surr	decachlorobiphenyl		0.0990	ug/L	0.1	99		70	130
LCS	508_lcs	4,4'-DDD		0.147	ug/L	0.1	147		45	130
		<i>QC Notes: high bias, but sample's not detected</i>								
LCS	508_lcs	4,4'-DDE		0.134	ug/L	0.1	134		48	126
		<i>QC Notes: high bias, but sample's not detected</i>								
LCS	508_lcs	4,4'-DDT		0.201	ug/L	0.1	201		33	146
		<i>QC Notes: high bias, but sample's not detected</i>								
LCS	508_lcs	Aldrin		0.134	ug/L	0.1	134		40	129
		<i>QC Notes: high bias, but sample's not detected</i>								
LCS	508_lcs	alpha-BHC		0.129	ug/L	0.1	129		34	127
		<i>QC Notes: high bias, but sample's not detected</i>								
LCS	508_lcs	beta-BHC		0.135	ug/L	0.1	135		41	141
LCS	508_lcs	delta-BHC		0.137	ug/L	0.1	137		34	139
LCS	508_lcs	Dieldrin		0.106	ug/L	0.1	106		47	128
LCS	508_lcs	Endosulfan I		0.120	ug/L	0.1	120		49	123

Note:

ND = Not Detected MS = Matrix Spike MSD = Matrix Spike Duplicate SURR = Surrogate
BL = Blank DUP = Duplicate RPD = Relative Percent Deviation LCS = Laboratory Control Standard



Client: Del Mar Analytical
Project Name: City of Simi Valley

QC Report Date: Tuesday, September 10, 2002
Project #:

QUALITY CONTROL REPORT

Table with columns: QC Lab#, TestGroup, Parameter, Sample Result, QC Result, Units, Amt. Added/True Value, %R or RPD, %RPD for MSD, Low Limit, High Limit. Includes data for various pesticides and method blanks.

Note:

ND = Not Detected MS = Matrix Spike MSD = Matrix Spike Duplicate SURR = Surrogate
BL = Blank DUP = Duplicate RPD = Relative Percent Deviation LCS = Laboratory Control Standard



Client: Del Mar Analytical
Project Name: City of Simi Valley

QC Report Date: Tuesday, September 10, 2002
Project #:

QUALITY CONTROL REPORT

QC Lab#	TestGroup	Parameter	Sample Result	QC Result	Units	Amt. Added/ True Value	%R or RPD	%RPD for MSD	Low Limit	High Limit
Method Blank	508_bl	Hexachlorobenzene	ND		ug/L			0		0.5
Method Blank	508_bl	Methoxychlor	ND		ug/L			0		10
Method Blank	508_bl	Propachlor	ND		ug/l.			0		0.5
Method Blank	508_bl	Toxaphene	ND		ug/L			0		1
Method Blank	508_bl	Trifluralin	ND		ug/L			0		0.01

Worksheet #:	Lab#:	Test Name	Analyzed Date
WS36215	A205143-001	Organochlorine Pesticides by L-L extract	8/24/2002
WS36215	A205145-001	Organochlorine Pesticides by L-L extract	8/24/2002
WS36215	A205147-001	Organochlorine Pesticides by L-L extract	8/24/2002
WS36215	A205167-003	Organochlorine Pesticides by L-L extract	8/24/2002
WS36215	A205167-004	Organochlorine Pesticides by L-L extract	8/24/2002

Note:

ND = Not Detected MS = Matrix Spike MSD = Matrix Spike Duplicate SURR = Surrogate
BL = Blank DUP = Duplicate RPD = Relative Percent Deviation LCS = Laboratory Control Standard

ANALYTICAL QUALITY ASSURANCE PROGRAM

The Quality Assurance Program is a continuing program to insure the reliability, precision and accuracy of data produced by the laboratory. It emphasizes prevention, early detection and correction of factors that could result in questionable data validating the generated data. It discusses the basic factors of water and wastewater measurements that determine the value of analytical results and provides recommendations for the control of these factors to insure that analytical results are accurate. These recommendations are basic to the City's Quality Assurance Program and increases confidence in the reliability of reported analytical results.

I. ORGANIZATION

A. Qualification and Background of Personnel

1. Laboratory Supervisor - Barbara M. Santos

Certification: AWWA Water Quality Analyst Grade 3 Cert. #00486
CWEA Water Quality Analyst Grade 3 Cert. #206

Education: California State University Northridge
Masters Degree in Public Administration

University of Santo Tomas
B.S. Degree in Medical Technology

Experience: Jacobs Environmental Laboratory
June 1981 to January 1984

City of Simi Valley
January 1984 to present

2. Laboratory Chemist - KuChung Chen

Certification: CWEA Laboratory Analyst Grade 3 Cert. #84
Pittsburg State University M.S. in Chemistry

Education: Chung Yuan College of Science and Engineering
B.S. Degree in Chemical Engineering

Experience: City of Simi Valley
December 1979 to present

3. Laboratory Technician - Shirley Bautista

Certification: CWEA Lab. Analyst, Grade 1 Cert. # 02073101

Education: Far Eastern University Philippines
B.S. Degree in Chemistry
Moorpark College
AA Degree Industrial Biotechnology

Experience: 3M Company/Imation
Chemical Technician QA Dept.
1981 to 2001

Clairol Inc.
Lab Technician QA Dept
1979 to 1981

City of Simi Valley WWTP
January 2002 to present

4. Laboratory Technician - Ken Besnia

Certification: AWWA Water Quality Analyst Grade III Cert.
#00350
CWEA Laboratory Analyst Grade 2 #405

Education: Fitchburgh State College
B.S. in Biology

Experience: County of Ventura - Lab Assistant
January 1991 to May 1992

City of Simi Valley
May 1992 to present

5. Laboratory Technician - Gregorio Domingo

Certification: AWWA Water Quality Analyst Grade I Cert.
#00562

Education: Manuel L. Quezon University
B.S. Degree in Chemistry

Experience: U.S. Navy Public Work Center, Pearl Harbor,
Hawaii - Physical Science Technician
July 1979 to December 1992

Binictican Water Treatment Plant
Utilities Dept. SBMA, Philippines
Head of Physical Science
June 1992 to August 1994

City of Simi Valley
April 1995 to present

B. Responsibilities of Personnel

Laboratory Supervisor

Definition: Under general direction of the Sanitation Services Manager and Sanitation Plant Operations Manager, the Lab Supervisor is responsible for coordinating and supervising the ongoing operation of a state certified chemical and bacteriological laboratory for the purpose of meeting the Water Quality Control Plant's NPDES Discharge Requirements mandated by federal, state, and local regulatory agencies.

Example of Duties: The Laboratory Supervisor supervises the performance of lab personnel and performs all standard chemical, bacteriological and physical analysis as required. The Lab Supervisor plans, directs and assures the accuracy and completion of the work produced by lab personnel. The Lab Supervisor reviews activities of the laboratory for effectiveness, efficiency, and compliance with regulatory rules and regulations.

The Supervisor maintains and implements an ongoing extensive Quality Assurance Program as specified by EPA, SWQCB, and State Health Department, including running of duplicates, spikes, percent recoveries, known reference samples, running standard curves, graphing and other types of statistical analysis. The position is responsible for all correspondence and contact with regulatory agencies, salesmen, repairmen, and public tours, etc. The Lab Supervisor prepares and submits budget recommendations for lab staffing, equipment, materials and supplies, and other necessary items. The Lab Supervisor maintains an adequate supply of chemicals and equipment to ensure the uninterrupted work of lab. The Lab Supervisor maintains detailed records, data books and prepares a variety of technical books and reports. The Lab Supervisor participates in lab personnel selection and evaluation of work performance when necessary. The Lab Supervisor trains new laboratory personnel in safe and proper techniques and procedures and performs related work as required.

Laboratory Chemist

Definition: The prime responsibilities of the City Chemist is to perform various skilled laboratory work including sampling and analysis of water, wastewater and industrial waste samples, set up new laboratory procedures and assure quality results, assist in the planning and coordination of the entire laboratory operation and help establish and evaluate objectives and goals; and conduct training of other laboratory personnel on wastewater analysis with emphasis on proper techniques and safety. The Chemist is in charge of the operation and maintenance of all laboratory equipment, record keeping, quality assurance program, and laboratory data entry into the computer.

Laboratory Technician

Definition: Under general supervision of the Laboratory Supervisor and the Lab Chemist, performs independent, skilled laboratory work including analysis of water, wastewater, sludge, industrial wastewater and receiving water and does related work as required. In the absence of the Lab Supervisor, he/she must be able to assume some of the duties of the Lab Supervisor.

Examples of Duties: Collects and analyze a variety of samples for standard routine chemical, bacteriological and physical analysis; maintains laboratory records including Quality Assurance information, sample logs, data books, and maintenance books; and assists the Lab Supervisor with reports. The Lab Technician prepares all standard solutions, reagents and media, equipment repairs; maintains and operates a variety of lab equipment; keeps laboratory and equipment clean; and performs other related duties as assigned.

II. RECORDS

- A. Data Accessibility - All relevant data including data sheets, monthly reports, logbooks, and other data books are kept in the lab for a period of five years.
- B. Sample Logbooks and Worksheets - Logbooks are kept for entering the date, time, sample type, sample origin, sample collector, analyst and type of analysis required. A specific laboratory identification number is assigned to each sample that comes in.
- C. Data Work Books - All data generated by the lab is written in ink and is kept either in a bound notebook and/or on data worksheets. The data is reported on a monthly basis to the State for NPDES Discharge Requirements and is recorded in a bound master data notebook. All monthly analysis, municipal data, and river data are also recorded in bound data books.
- D. Graphs and Charts - Standard curves have been established for each analysis involving photometric determination. These curves are verified each time an analysis is performed by including at least two different standard concentrations in each run. All standard curves (new and old) are kept in the lab in a spiral notebook.
- E. Records for Media Preparation - Records for media preparation, as well as other Quality Assurance Data are kept in a Quality Assurance notebook. Entries include: date, analyst, type and strength of media prepared, dry weight of media, lot, control number, sterility check (five percent median incubated at 35° C for two days and checked for growth), and positive - negative check.

- F. Inventory Control - An adequate supply of chemicals and lab supplies is maintained at all times to ensure the uninterrupted work of the laboratory. The chemicals and lab supplies are inventoried annually. A record of the quantity of supplies purchased for the lab is maintained.

III. SAMPLING PROCEDURES

- A. Sample Location, Technique, Preservatives, and Bottles - All samples are collected, handled and preserved in accordance with Standard Methods for the Examination of Water and Wastewater, 18th Edition, A.P.H.A. Washington, D.C., (1975) [1980 and Methods for Chemical Analysis of Water and Wastes, Environmental Protection Agency, Washington, D.C. (1979)].

All samples are obtained to meet the requirements of the sampling program and are handled in such a way that it does not deteriorate or become contaminated before it reaches the laboratory. The samples are analyzed immediately upon receipt in the lab (when possible), since the shorter the time that elapses between collection of a sample and its analysis, the more reliable will be the analytical results. In the event analysis cannot be started immediately, EPA developed methods to preserve the sample are used.

The samples (influent, effluent) collected for tests required by our NPDES discharge requirements on a daily or monthly basis are time/or flow composited by a twenty-four hour automatic sampler with a refrigerated compartment. All other samples taken for discharge requirements, process control and industrial wastes are generally grab samples which are taken at specific times for predetermined sampling points and/or sample schedules posted in the lab.

IV. MEASUREMENTS AND ANALYSES

- A. Standard Procedures Followed -.Standard procedures used in this laboratory for the analysis of water and wastewater are done in accordance with current EPA, Federal Register Guideline procedures or as specified in the monitoring program. Standard references most often used include:

Standard Methods for Examination of Water and Wastewater, APHA, AWWA, WPCF, 18th Edition.

Methods for Chemical Analysis of Water and Wastes, EPA 1983
Test Methods for Evaluations Solid Waste Physical/Chemical Methods EPA 1982.

Annual Book of Standards, Part 31, ASTM, 1979

Other references used are available in the lab's main library. A working set of methods abstracted from the above references is also kept in the main library.

- B. Reagent, Standard and Media Preparation - As a minimum, all reagents used in the laboratory will be at least analytical reagent grade. Reagents of lesser purity than specified for the method are not used. Upon delivery of any chemical, it is checked immediately to see that it meets quality assurance requirements. The container is marked (in ink) with the date of receipt and initialed by the checker.

Reagents and Standards are always prepared and standardized with the utmost of care and technique. Only distilled or deionized (good quality) water is used in their preparation. Only small amounts of reagents that have a short shelf life are prepared at any one time. They are restandardized or prepared fresh as often as required. Stock and working standard solutions are checked frequently for signs of deterioration, such as discoloration or precipitation. All solutions prepared in the lab are accurately labeled as to composition, concentration, date of preparation, and preparer. Commercially prepared reagents and standard solutions are used as long as they are checked for accuracy.

Primary standards are obtained from the National Bureau of Standards (NBS) whenever possible. Only reputable chemical supply houses are used as resources for supplies.

All other reagents, standards, and media are prepared in accordance with Standard Methods, or the EPA Laboratory Manual. As reagents, standards, and media are prepared, they are recorded with all pertinent information in their respective sections of the Quality Assurance Book.

V. INSTRUMENTS & EQUIPMENT

All instruments are standardized, calibrated, and maintained in accordance with EPA guideline procedures for Quality Control and the instrument's manufacturer manuals. These manuals are kept on file and are made accessible to all laboratory personnel. In the event of instrument malfunction or breakdown, where laboratory personnel cannot find the source of the problem, the instrument is sent to the manufacturer or a reputable service company for repair.

- A. Personnel Training - Only laboratory personnel specifically trained to operate the instruments are authorized to do so.
- B. Maintenance Records - Records of calibration, maintenance, and servicing are kept in the Maintenance and Service Book.

A supply of bulbs, batteries, fuses and other essential replacement parts are kept in stock when possible.

- C. Thermometer Calibration - The laboratory thermometers used in the ovens and incubators are periodically checked against a National Bureau of Standards (NBS) Certified Thermometer. Calibration corrections are made and recorded in the Quality Assurance Book.

D. Instrument Servicing, Calibration Standardization

1. The **Analytical Balance** (Sartorius) is checked daily with known standard weights (mg and gm) and is calibrated and serviced annually by a certified balance technician. Weights are recorded daily in the Quality Assurance Book. Service Information is logged in the Instrument Maintenance Book.
2. The **Triple Beam** (Ohaus) and **Toploading** (Sartorius) balances are kept clean and are periodically checked for accuracy.
3. The **Specific Ion Analyzer** (orion 901) is standardized daily with two buffers of different concentration (7 & 10). The buffers are changed every week or as needed.

Electrodes are kept clean and in good working order. Temperature and standardization information are recorded daily in the Quality Assurance Book.

4. The **Hach Turbidimeter** (Digital Turner Designs) is standardized daily with supplied turbidity standard. The standard is replaced annually or as needed. Standardization information recorded daily in the Quality Assurance Book.
5. The **Hach DR Spectrophotometer** (4000) is periodically checked with a spectro-checked set, which checks for straylight, calibration maximum absorbance, and linearity. Blanks and Standards are run along with each analysis. Spectro-check information is recorded in the Instrument Maintenance Book.
6. The **Conductivity Meter** (Hach) is periodically standardized against a known standard sodium chloride solution. The conductivity of laboratory water is recorded daily in the Quality Assurance Book.
7. The **D.O. Meter** (YSI 5100 D.O. Meter) and oxygen electrode (Orion) are calibrated daily before use, in accordance with manufacturers instructions. Membranes and batteries are replaced as indicated by instrument performance. Calibration information is recorded daily in the Quality Assurance Book.
8. The **Microscope** (Microstar) and **Light Source** (American Optical) are serviced and cleaned as needed by a certified technician. Service information is logged in the Quality Assurance Book.
9. The **American Waterbaths** (VWR Scientific Model 1240 T) are cleaned and refilled with distilled or deionized water as needed. The various temperatures that correspond with different tests are noted and logged in the Quality Assurance Book.

10. The **Autoclave** (Market Forge Sterilmatic) is kept clean and is checked periodically for proper function. Three types of indicators are used to ensure adequate sterilization conditions. Including time, temperature, and pressure: Diack Control, Sterilometer strips and Kilit ampules. Autoclave checks are recorded in the Quality Assurance Book, with each use.
11. The **Dishwasher** (Labconco) is checked on a regular basis to ensure proper cleaning is taking place.
12. The **Drying Oven** (Precision Scientific, Model 26) is periodically cleaned and kept at a constant temperature of $180^{\circ} \pm 2^{\circ}\text{C}$. Temperature is recorded in the Quality Assurance Book, when the oven is used.
13. The **Drying Oven** (Blue M - Stabil-Therrn) is periodically cleaned and kept at a constant temperature of $103^{\circ} - 105^{\circ}\text{C}$. The temperature is recorded twice daily (morning and evening) in the Quality Assurance Book.
14. The **Muffle Furnace** (Thermolyne 30400 Furnace) is periodically cleaned and is kept at a constant temperature of $550^{\circ} \pm 50^{\circ}\text{C}$. The temperature is recorded in the Quality Assurance Book when the furnace is used.
15. The **BOD Incubator** (Westinghouse) with **Incutrol/2** (Hach) is periodically cleaned and kept at a constant temperature of $20^{\circ} \pm 1^{\circ}\text{C}$. The temperature is recorded twice daily in the Quality Assurance Book.
16. The **Bacteria Incubator** (Precision Scientific, Model 2 and 4) are periodically cleaned and kept at a constant temperature of $35^{\circ} \pm 0.5^{\circ}\text{C}$. Occasionally, Model 2 is used at other temperatures. Temperatures are recorded twice daily in the Quality Assurance Book.
17. The **Refrigerators** (Fischer Scientific) and (Labline explosive proof) are periodically cleaned and are kept at a constant temperature of $4^{\circ} - 5^{\circ}\text{C}$. Temperatures are recorded twice daily in the Quality Assurance Book.
18. The **Quebec Colony Counter** (American Optical) is used for testing and counting bacterial populations.
19. The **Bacti-Cinerator II** (S/P) is used for sterilizing transfer loops for bacterial analysis.
20. The **COD Reactor** (Hach) is used for the COD test.
21. The **Equipment Calculator** (Hewlett Packard, Casio and Texas Instrument) is used to make analytical calculations.

22. The **Distillation Apparatus** is used for various applications.
23. The **Ammonia Distillation Apparatus** (Lab Con Co) is used for ammonia testing.
24. **Equipment Samplers** are used for collecting samples.
25. The **Atomic Absorption Spectrophotometer** (Instrumentation Laboratory) is a sophisticated, highly technical instrument used for metal analysis.
26. **Commercial Blender** (Waring).
27. **Ultrasonic Cleaner** (L& R Co., T-21 B).
28. **Electrophotometer II** (Fischer).
29. **HACH DR/2002 Spectrophotometer**
30. **HACH DR/3000 Spectrophotometer**
31. **Atomic Vapor Accessory Hydride Generator** (Thermo Jarrell Ash).
32. **755 Controlled Temperature Atomizer**
33. **Deuterium Arc - Background Corrector.**

- E. Equipment - Containers & Glassware - All equipment, containers, and glassware are checked periodically for chipped or broken edges or deformities and are discarded if deemed unsafe or un-repairable.

Glassware used for lab purposes is generally of borosilicate glass. For special purposes, other materials may be used such as stainless steel, porcelain, nickel, plastic, etc. Stoppers, caps, and plugs are chosen for their resistance to the attack of material contained in the vessel. Teflon stopcocks are used exclusively in Burets and separatory funnels.

Polyethylene and polypropylene containers are used for sampling to reduce breakage. All volumetric glassware (burettes, volumetric flasks, pipets) are "Class A" Quality.

VI. QUALITY ASSURANCE PROCEDURES AND STATISTICS

Each lab analyst is expected to continuously review his data, evaluate his own technique and in general be thoroughly familiar with the Quality Assurance Methods used.

Quality Assurance programs have two primary functions in the laboratory. First, the program should continually monitor the reliability (accuracy and precision) of the results reported; for example, they should continually provide answers to the question "How good (accurate and precise) are the results obtained?" This function is the determination of quality. The second function is the control of quality to meet the program requirements for reliability. As an example of the distinction between the two functions, the processing of spiked samples may be a determination of measurement quality, but the use of analytical grade reagents is also a control measure.

The Simi Valley Water Quality Control Plant Laboratory practices and performs the following Quality Assurance procedures and statistics:

A. Precision - Precision refers to the reproducibility of analytical results when it is repeated on a homogeneous sample under controlled conditions, regardless of whether or not observed values are widely displaced from the true value as a result of systematic or constant errors present throughout the measures. The calculations used to test for precision by this lab are a modified Shewhart technique and are as follows:

1. Standard deviation from pairs of duplicate measurements:

$$S = \sqrt{\sum d^2/2n}$$

2. Standard deviation from many measurements on one sample:

$$S = \sqrt{\sum (\bar{x}_i - \bar{x})^2 / N - 1}$$

3. Mean or average:

$$\bar{X} = \frac{\sum (x_i)}{N}$$

4. Range or difference between two numbers:

$$R = X_1 - X_2$$

Key Symbols

\bar{X} = Mean or Average	$d = d_1 - d_2$ the diff. in conc. of the two measurements
S = Std. Deviation	n = Number of duplicate measurements
R = Range	N = Number of measurements
\sum = Summation	X_i = Values of individual measurements
X_1 = Value of sample number 1	X_2 = Value of sample number 2

5. The standard deviation of range = S_R

$$S_R = \sqrt{\frac{R_i^2 - (R_i)^2}{N - 1}}$$

$$R = \sum R_i / N$$

$$UCL = R \times D_4$$

$$UWL = R + 2/3 R (D_4 - 1)$$

$$LWL = R \times D_3$$

Key to Symbols

S_R = Standard Deviation of Range	$D_4 = 3,27$ (Constant factor for computing control chart lines for 2 samples)
R_i = Range Difference between X_1, X_2	$D_3 = 0$ (Constant factor for computing control chart lines for 2 samples)
N = Number of measurement	R = Mean of Range

B. Accuracy - Accuracy refers to the agreement between the amount of the constituent measured by the test method and the amount actually present. Accuracy determinations are accomplished by first running an analysis on a sample and recording the results, then a small amount of (due to sample proportions) standard solution is added to the same amount of sample, and the test is repeated. The original sample analysis is assumed to be correct if the amount found in the test is equal to that of the original value of the known added "spike". This procedure is known as "Spiking", "Known Addition" or "Standard Addition". The calculation used in conjunction with this procedure is the percent recovery calculation. If recoveries are low or out of limits, then analysis is to be investigated immediately.

The percent recovery calculation is as follows:

$$\% \text{ Recovery} = \left(\frac{S}{S_1 + S_2} \right) \times 100$$

Key to Symbols

S = Concentration of spiked sample

S₁ = Concentration of unspiked sample

S₂ = Concentrations of spike added to sample

- C. Duplications - Duplications are performed routinely (weekly and monthly) on most monthly analyses for discharge requirements and some for process control. Duplications done on weekly basis include chlorine residual and suspended solids. The total coliform test is duplicated every week. Monthly duplications include Boron, Chloride, Fluoride, Nitrate-N, Nitrite-N, Sulfate, Total Dissolved Solids, Total Solids, Volatile Total Solids, Volatile Suspended Solids, Volatile Acids, Alkalinity, and Chlorine Residual on River sample. As a check, a percent difference calculation is run on the duplicate samples. Percent difference calculation is as follows:

$$\% \text{ Difference} = \frac{(A - B)}{RX} \times 100$$

Key to Symbols

A = Result from sample #1

B = Result from Sample #2

X = average of two numbers

- D. Graphing - Quality control charts are prepared from precision data.
- E. Performance Evaluations - Participation in EPA and State Department of Health performance evaluations.
- F. Standards - Standards are consistently used for all analyses as required. Standard curves are kept for each photometric determination including Boron, Chloride, Nitrate-N, Nitrite-N, Fluoride and Sulfate. These curves are verified each time analyses are performed, by including at least two different Standard concentrations with each run.
- G. Reagent and Solvent Blanks - Reagent and solvent blanks are consistently used for all analyses, in an effort to determine possible interferences from that reagent or solvent.

- H. Reference Samples - Known reference samples from outside sources, such as EPA Quality Control check samples and commercially prepared Alpha Associates solution, etc., are used periodically as analyst and method checks.
- I. BOD - A glucose glutamic acid check for BOD is run once a week to verify presence of toxic substances and for the use of poor seeding.
- J. COD - A potassium acid phthalate check for COD will be run periodically to verify technique and quality of reagents.
- K. Total Coliform - Completed test is done on 100% of positive confirmed samples for Total Coliform test.

All of the proceeding statistical performance data is kept and logged (in ink) in the appropriate sample data books and/or in spiral notebooks. No erasures or whiteouts shall be made in these sample data books. In the case of an error, draw a line through the error (do not completely obliterate the error) and enter the correct data.

CALIFORNIA STATE WATER RESOURCES CONTROL BOARD

CITY OF SIMI VALLEY
SANITATION DIVISION
(OPERATING PERSONNEL 2002 CERTIFICATION LEVEL)

Sanitation Services Manager Operator V.....Jim Buell
Sanitation Plant Operations Manager Operator V Robert Hensley
Sanitation Plant Operator IV.....David Borunda
Sanitation Plant Operator IV.....Don Weidner
Sanitation Plant Operator III..... Paul Henke
Sanitation Plant Operator III.....Steve Doukas
Sanitation Plant Operator III.....Jeff Haptonstal
Sanitation Plant Operator III.....Bill Showalter
Sanitation Plant Operator II.....James Paredes
Sanitation Plant Operator II.....John Vallieres
Sanitation Plant Operator II..... Bruce Campbell
Sanitation Plant Operator I..... Tom Ballard
Sanitation Plant Operator I..... Ronald Montrose
Sanitation Plant Operator I..... Dennis Brewer
Sanitation Plant Operator I..... Lisa MacAuley
Sanitation Plant Operator in Training Chad Shaw

SUMMARY

During 2002 Simi Valley's Water Quality Control Plant (WQCP) remained in substantial compliance with discharge requirements contained in its NPDES Permit No. CA0055221. The consistently low monthly values of Biochemical Oxygen Demand (BOD) and Total Suspended Solids (TSS) at an overall 96 percent and 99 percent annual removal efficiency respectively, and monthly < 2 MPN Coliform in the discharged final effluent, are supportive data of strong baseline indications in protecting the receiving waters and public health and safety during the year. During the year there was a total of 11 reportable Turbidity and 4 Chlorine Residual violations.

The non-conformities for Turbidity in February 2002 were due to over treatment or over aeration after cleaning the aeration diffusers, a condition that had not previously existed or been seen in the secondary treatment system. The May 2002 Turbidity problem was due to a power outage that did not alarm properly and delayed an essential operational response to the aeration system. Placing additional alarming through a Remote Terminal Unit (RTU) that sends an alarm to standby operational staff provided additional backup to the aeration process and solved this type of problem from reoccurring. The October and November 2002 Turbidity excursions were due to changing process conditions from rotating feed gates during demolition sequencing adjoining the Activated Sludge Process during the Phase 1 Construction Contract for the Nitrification/Denitrification project.

The non-conformities for Chlorine Residual in June, July, and August 2002 were due to start-up design problems in the new Sodium Bisulfite facility at the WQCP. Instrumentation alarm and pumping problems were subsequently corrected to make the system function properly and to prevent additional events.

There was one laboratory procedural error in October 2002 where a Coliform test tube was inadvertently discarded before taking the final reading. Sufficient review and retraining with staff took place to preclude this type of event from reoccurring.

The high overall removal efficiency for BOD and TSS in 2002 was due to an operational strategy utilizing the plant Supervisory Control and Data Acquisition System (SCADA). A direct relationship between the health of the microorganism community under aeration, with water temperature, alkalinity, and Mixed Liquor Suspended Solids (MLSS) has been the most effective way of controlling the secondary treatment process. The key continues to be trend charting these relationships over 24 hour periods, and then adjusting them to maintain a desired protozoan population. As water temperature goes down, MLSS is increased about 200 mg/L for every degree in temperature drop. Control is established by keeping the alkalinity level between 200-220 mg/L. A lower alkalinity level increases the potential for nitrifying organisms while a higher level decreases it. The Waste Activated Sludge (WAS) process controls both MLSS and alkalinity parameters by setting the wasting rate in 24-hour periods. Utilizing on-line strip chart monitoring and trending together with a MLSS analytical probe transmits data continuously to the SCADA system. It provides continuous information for adjusting the wasting rate based on the up or down trends of the MLSS temperature, and alkalinity.