

245

8/23/83

Bear Creek

Bear Creek sampling station is at Bear Creek Bridge located at T1N/R1W/Sec 19  
In addition two other stations on Santa Ana River were sampled one at the confluence point w/ Bear Cr. & another one at Camp Washington.

Sampling points are as follows.

1. Santa Ana River road crossing below Camp Washington, east of seven oaks  
T1N/R1E/Sec. 81
2. Bear Cr. Bridge approx. 1/4 mile north of Santa Ana River confluence pt.  
T1N/R1W/Sec. 19A
3. Santa Ana River gaging station approx. 100 miles N of Bear Cr. confluence pt.  
T1N/R1E/Sec. 12N

↳ Santa Ana River road crossing - below Camp Washburn  
east of Seven Oaks.

Date: 8/23/88 Time: 10:30 water Temp: 51.8 F

Air Temp: 75 F weather: clear/warm, wind, spp: clear

Flow: 1.75 ft<sup>3</sup>/s

F. coli: 31, T. coli: 250

East C. Bridge approx. 1/4 mile north of  
Santa Ana River confluence pt.

Date: 8/23/55 Time: 13:00 water Temp 62.6 F

Air Temp: 75 F weather: clear water app: clear

Flow: = 45 ft<sup>3</sup>/sec.

F. col: 11 T. col: 10-90

3. Santa Ana River Sampling Station

Approx. 100' east of Bear Cr. confluence pt.

Date: 8/23/83, Time: 13:00, water Temp: 53.6 °F

Air Temp: 75 °F, weather: clear, water app: clear

Flow: 15 ft<sup>3</sup>/sec.

F. coli: 33 T. coli: 540

# WESTERN ANALYTICAL LABORATORIES, INC.

13744 MONTE VISTA AVENUE

CHINO, CALIFORNIA 91710

(714) 627-3628

STATE APPROVED WATER LABORATORY

WAL NO. 3080911

SEP 12 1983

DATE RECEIVED 8-23-83

DATE OF REPORT 9-8-83

CUSTOMER CALIFORNIA REGIONAL WATER QUALITY ADDRESS 6809 Indiana Ave  
CONTROL BOARD Santa Ana Region

ATTENTION James W. Anderson Riverside, CA 92506

SAMPLE IDENTIFICATION Surface Water - Sample #1

SAMPLING POINT Santa Ana River Crossing below Camp Wasqagen

SAMPLED BY Jeff Earls

DATES & HOURS SAMPLED 8-23-83; 10:30 am

PARAMETER

VALUE

PARAMETER

VALUE

Aluminum ..... mg/l  
Ammonia (N) ..... 0.03 mg/l  
Antimony ..... mg/l  
Arsenic ..... mg/l  
BOD ..... mg/l  
Barium ..... mg/l  
Beryllium ..... mg/l  
Bismuth ..... mg/l  
Boron ..... <0.01 mg/l  
Cadmium ..... mg/l  
Calcium ..... 19.6 mg/l  
Chloride ..... 3.9 mg/l  
Chlorinated Hydrocarbons- C<sub>1</sub> - C<sub>6</sub> ..... mg/l  
Chromium (Hexavalent) ..... mg/l  
Chromium (Total) ..... mg/l  
Cobalt ..... mg/l  
Copper ..... mg/l  
Cyanide ..... mg/l  
Dissolved Oxygen ..... mg/l  
Flow (total) ..... gals/day  
Flow (peak) ..... gals/min  
Fluoride ..... mg/l  
Iron ..... <0.02 mg/l  
Lead ..... mg/l  
Magnesium ..... 4.60 mg/l  
Manganese ..... mg/l  
Mercury ..... mg/l

Nickel ..... mg  
Nitrate (N) ..... 0.03 mg  
Oil & Grease ..... mg  
pH ..... 8.20  
Phenols ..... mg  
Phosphate - Ortho ..... <0.05 mg  
Phosphate, Total ..... mg  
Potassium ..... 1.63 mg  
Selenium ..... mg  
Settleable Solids ..... mg  
Silver ..... mg  
Sodium ..... 6.40 mg  
Specific Conductance ..... 156 micromhos/cm  
Sulfate ..... 10.8 mg  
Sulfide ..... mg  
Surfactants (MBAS) ..... mg  
Suspended Solids ..... mg  
Temperature ..... mg  
Tin ..... mg  
Titanium ..... mg  
Total Alkalinity ..... 70.0 mg  
Bicarbonate Alkalinity ..... 70.0 mg  
Carbonate Alkalinity ..... 0 mg  
Total Dissolved Solids -  
(Filterable Residue) ..... 113 mg  
Total Hardness ..... 68.0 mg  
Turbidity ..... Un  
Zinc ..... mg

Hydroxide Alkalinity 0 mg/l

Silica 16. mg/  
Carbon Dioxide <0.5 mg/



*Paul P. Zimmer*  
Laboratory Director

# WESTERN ANALYTICAL LABORATORIES, INC.

13744 MONTE VISTA AVENUE

CHINO, CALIFORNIA 91710

(714) 627-3628

STATE APPROVED WATER LABORATORY

WAL NO

3080912

DATE RECEIVED

SEP 18-23-83

DATE OF REPORT

9-8-83

CUSTOMER CALIFORNIA REGIONAL WATER QUALITY ADDRESS 6809 Indiana Ave  
CONTROL BOARD Santa Ana Region  
ATTENTION James W. Anderson Riverside, CA 92506

SAMPLE IDENTIFICATION Surface Water - Sample #2

SAMPLING POINT Bear Creek Bridge above Santa Ana Confluence

SAMPLED BY Jeff Earls

DATES & HOURS SAMPLED 8-23-83; 1:00 pm

PARAMETER	VALUE	PARAMETER	VALUE
Aluminum.....	<u>0.03</u> mg/l	Nickel.....	_____ mg
Ammonia (N).....	_____ mg/l	Nitrate (N).....	<u>0.14</u> mg
Antimony.....	_____ mg/l	Oil & Grease.....	_____ mg
Arsenic.....	_____ mg/l	pH.....	<u>7.80</u>
BOD.....	_____ mg/l	Phenols.....	_____ mg
Barium.....	_____ mg/l	Phosphate - Ortho.....	<u>&lt; 0.05</u> mg
Beryllium.....	_____ mg/l	Phosphate, Total.....	_____ mg
Bismuth.....	_____ mg/l	Potassium.....	<u>1.04</u> mg
Boron.....	<u>&lt; 0.01</u> mg/l	Selenium.....	_____ mg
Calcium.....	<u>22.0</u> mg/l	Settleable Solids.....	_____ m
Chloride.....	<u>3.9</u> mg/l	Silver.....	_____ mg
Chlorinated Hydrocarbons- C <sub>1</sub> - C <sub>6</sub> .....	_____ mg/l	Sodium.....	<u>9.82</u> mg
Chromium (Hexavalent).....	_____ mg/l	Specific Conductance.....	<u>182</u> micromhos/cm
Chromium (Total).....	_____ mg/l	Sulfate.....	<u>8.4</u> mg
Cobalt.....	_____ mg/l	Sulfide.....	_____ mg
Copper.....	_____ mg/l	Surfactants (MBAS).....	_____ mg
Cyanide.....	_____ mg/l	Suspended Solids.....	_____ mg
Dissolved Oxygen.....	_____ mg/l	Temperature.....	_____ mg
Flow (total).....	_____ gals/day	Tin.....	_____ mg
Flow (peak).....	_____ gals/min	Titanium.....	_____ mg
Fluoride.....	_____ mg/l	Total Alkalinity.....	<u>80.0</u> mg
Iron.....	<u>&lt; 0.02</u> mg/l	Bicarbonate Alkalinity.....	<u>80.0</u> mg
Lead.....	_____ mg/l	Carbonate Alkalinity.....	<u>0</u> mg
Magnesium.....	<u>2.66</u> mg/l	Total Dissolved Solids -	_____ mg
Manganese.....	_____ mg/l	(Filterable Residue).....	<u>127</u> mg
Mercury.....	_____ mg/l	Total Hardness.....	<u>66.0</u> mg
		Turbidity.....	_____ Un
		Zinc.....	_____ mg
<b>Hydroxide Alkalinity</b>	<b>0 mg/l</b>	<b>Silica</b>	<b>20 mg/l</b>
		<b>Carbon Dioxide</b>	<b>2.6 mg/l</b>



*Joseph P. Zimmerman*

Laboratory Director

# WESTERN ANALYTICAL LABORATORIES, INC.

13744 MONTE VISTA AVENUE

CHINO, CALIFORNIA 91710

(714) 627-3628

STATE APPROVED WATER LABORATORY

WA NO. 3080913

DATE RECEIVED SEP 12 8-23-83

DATE OF REPORT 9-8-83

CUSTOMER CALIFORNIA REGIONAL WATER QUALITY ADDRESS 6809 Indiana Ave  
CONTROL BOARD Santa Ana Region  
 ATTENTION James W. Anderson Riverside, CA 92506

SAMPLE IDENTIFICATION Surface Water - Sample #3

SAMPLING POINT Santa Ana River 100 ft above Bear Creek Confluence

SAMPLED BY Jeff Earls

DATES & HOURS SAMPLED 8-23-83; 1:00 pm

PARAMETER	VALUE	PARAMETER	VALUE
Aluminum.....	_____ mg/l	Nickel.....	_____ mg
Amonia (N).....	<u>0.03</u> mg/l	Nitrate (N).....	<u>0.02</u> mg
Antimony.....	_____ mg/l	Oil & Grease.....	_____ m
Arsenic.....	_____ mg/l	pH.....	<u>8.26</u>
BOD.....	_____ mg/l	Phenols.....	_____ m
Barium.....	_____ mg/l	Phosphate - Ortho.....	<u>&lt; 0.05</u> m
Beryllium.....	_____ mg/l	Phosphate, Total.....	_____ m
Bismuth.....	_____ mg/l	Potassium.....	<u>1.83</u> m
Boron.....	<u>&lt; 0.01</u> mg/l	Selenium.....	_____ m
.....	_____ mg/l	Settleable Solids.....	_____ r
Cadmium.....	_____ mg/l	Silver.....	_____ m
Calcium.....	<u>20.0</u> mg/l	Sodium.....	<u>8.22</u> m
Chloride.....	<u>4.2</u> mg/l	Specific Conductance.....	<u>185</u> micromhos/cm
Chlorinated Hydrocarbons- C <sub>1</sub> - C <sub>6</sub> .....	_____ mg/l	Sulfate.....	<u>10.0</u> m
Chromium (Hexavalent).....	_____ mg/l	Sulfide.....	_____ m
Chromium (Total).....	_____ mg/l	Surfactants (MBAS).....	_____ r
Cobalt.....	_____ mg/l	Suspended Solids.....	_____ n
Copper.....	_____ mg/l	Temperature.....	_____ r
Cyanide.....	_____ mg/l	Tin.....	_____ r
Dissolved Oxygen.....	_____ mg/l	Titanium.....	_____ r
Flow (total).....	_____ gals/day	Total Alkalinity.....	<u>79.0</u> r
Flow (peak).....	_____ gals/min	Bicarbonate Alkalinity.....	<u>79.0</u> r
Fluoride.....	_____ mg/l	Carbonate Alkalinity.....	<u>0</u> r
Iron.....	<u>&lt; 0.02</u> mg/l	Total Dissolved Solids -	_____ r
Lead.....	_____ mg/l	(Filterable Residue).....	<u>128</u> r
Magnesium.....	<u>4.55</u> mg/l	Total Hardness.....	<u>68.8</u> n
Manganese.....	_____ mg/l	Turbidity.....	_____ U
Mercury.....	_____ mg/l	Zinc.....	_____ n
<b>Hydroxide Alkalinity</b>	<b>0 mg/l</b>	<b>Silica</b>	<b>18 mg/l</b>
		<b>Carbon Dioxide</b>	<b>&lt; 0.5 mg/l</b>



*Joseph P. Zimmerman*  
 Laboratory Director

# WESTERN ANALYTICAL LABORATORIES, INC. SEP 6 1983

13744 MONTE VISTA AVENUE

CHINO, CALIFORNIA 91710

(714) 627-3628

CUSTOMER CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD Santa Ana Region

WAL NO. 3080908-910

DATE RECEIVED 8-23-83

ATTENTION James W. Anderson

DATE OF REPORT 8-31-83

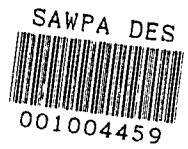
SAMPLE IDENTIFICATION: Water Samples for Total and Fecal Coliform

Collected by Jeff Earls

TANK NO. \_\_\_\_\_ GALLONS \_\_\_\_\_ SAMPLED 8-23-83

ANALYSIS	STANDARD	RESULTS
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WAL #	SAMPLE	LOCATION	TIME	COLIFORM Fecal	(MPN/100) Total
3080908	1	Santa Ana River crossing below camp Waswagen	10:30	31	350
3080909	2	Bear Creek Bridge above Santa Ana Confluence	1:00	11	240
3080910	3	Santa Ana River 100 ft. above Bear Creek Confluence	1:00	33	540



RESULTS PHONED  YES  NO

TO WHOM \_\_\_\_\_

DATE \_\_\_\_\_

*Paul J. Zimmer*

Laboratory Director



1. SANTA ANA RIVER ROAD CROSSING  
 BELOW CAMP WABWAGEN, EAST OF SEVEN OAKS,  
 SAMPLED BY: JEFF EARLS, DATE: 8/23/83,  
 TIME: 10:30 AM, WEATHER: CLEAR/WARM,  
 AIR TEMP:  $\approx 75^{\circ}$ , WATER TEMP:  $11^{\circ}$ ,  
 WATER APPEARANCE: CLEAR, APPROX FLOW:  $75 \text{ }^{\text{ft}}^3/\text{SEC}$ .

2. BEAR CREEK BRIDGE APPROX  $\frac{1}{4}$  MI. NORTH  
 OF SANTA ANA RIVER CONFLUENCE  
 SAMPLED BY: JEFF EARLS, DATE: ~~10/23/83~~ 8/23/83,  
 TIME: 1:00 PM, WEATHER: CLEAR, AIR TEMP:  
 $\approx 75^{\circ}$ , WATER TEMP:  $17^{\circ}$ , WATER APPEARANCE:  
 CLEAR, APPROX FLOW:  $45 \text{ }^{\text{ft}}^3/\text{SEC}$

3. SANTA ANA RIVER GAGING STATION,  
 APPROX 100' EAST OF BEAR CREEK CONFLUENCE  
 SAMPLED BY: JEFF EARLS, DATE: 8/23/83  
 TIME: 1:00 PM, WEATHER: CLEAR,  
 AIR TEMP:  $\approx 75^{\circ}$ , WATER TEMP:  $12^{\circ}$ ,  
 WATER APPEARANCE: CLEAR, APPROX FLOW:  
 $45 \text{ }^{\text{ft}}^3/\text{SEC}$

1. SANTA ANA RIVER ROAD CROSSING BELOW  
CAMP WASWAGEN, EAST OF SEVEN OAKS,  
T1N, R1E, SECT. 8K

2. BEAR CREEK BRIDGE APPROX. 1/4 MILE NORTH  
OF SANTA ANA RIVER CONFLUENCE, T1N, R1W,  
SECT. 19A

3. SANTA ANA RIVER GAUGING STATION,  
APPROX 100' EAST OF BEAR CREEK CONFLUENCE,  
T1N, R1W, SECT. 19H

# WESTERN ANALYTICAL LABORATORIES, INC.

13744 MONTE VISTA AVENUE

CHINO, CALIFORNIA 91710

(714) 627-3628

STATE APPROVED WATER LABORATORY

WA NO. 3080911

SEP 23 1983

DATE RECEIVED 8-23-83

DATE OF REPORT 9-8-83

CUSTOMER CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD Santa Ana Region ADDRESS 6809 Indiana Ave  
 ATTENTION James W. Anderson Riverside, CA 92506

SAMPLE IDENTIFICATION Surface Water - Sample #1  
 SAMPLING POINT Santa Ana River Crossing below Camp Wasqagen  
 SAMPLED BY Jeff Earls  
 DATES & HOURS SAMPLED 8-23-83; 10:30 am

PARAMETER

VALUE

PARAMETER

VALUE

Aluminum (N) 0.03 mg/l  
 Ammonia (N) 0.03 mg/l  
 Arsenic            mg/l  
 Barium            mg/l  
 Bismuth            mg/l  
 Boron            mg/l  
 Cadmium            mg/l  
 Calcium 19.6 mg/l  
 Chloride 3.9 mg/l  
 Chlorinated Hydrocarbons- C<sub>1</sub> - C<sub>6</sub>            mg/l  
 Chromium (Hexavalent)            mg/l  
 Chromium (Total)            mg/l  
 Cobalt            mg/l  
 Copper            mg/l  
 Cyanide            mg/l  
 Dissolved Oxygen            mg/l  
 Flow (total)            gals/day  
 Flow (peak)            gals/min  
 Fluoride            mg/l  
 Iron <0.02 mg/l  
 Lead            mg/l  
 Magnesium 4.60 mg/l  
 Manganese            mg/l  
 Mercury            mg/l

Nickel            mg/l  
 Nitrate (N) 0.03 mg/l  
 Oil & Grease            mg/l  
 pH 8.20  
 Phenols            mg/l  
 Phosphate - Ortho <0.05 mg/l  
 Phosphate, Total            mg/l  
 Potassium 1.63 mg/l  
 Selenium            mg/l  
 Settleable Solids            mg/l  
 Silver            mg/l  
 Sodium 156 mg/l  
 Specific Conductance 156 micromhos/cm  
 Sulfate 10.8 mg/l  
 Sulfide            mg/l  
 Surfactants (MBAS)            mg/l  
 Suspended Solids            mg/l  
 Temperature            °F  
 Tin            mg/l  
 Titanium            mg/l  
 Total Alkalinity 70.0 mg/l  
     Bicarbonate Alkalinity 70.0 mg/l  
     Carbonate Alkalinity 0 mg/l  
 Total Dissolved Solids -  
     (Filterable Residue) 113 mg/l  
 Total Hardness 68.0 mg/l  
 Turbidity            Units  
 Zinc            mg/l

Hydroxide Alkalinity 0 mg/l

Silica 16 mg/l  
 Carbon Dioxide <0.5 mg/l

*Jeff Earls*

Laboratory Director

# WESTERN ANALYTICAL LABORATORIES, INC.

13744 MONTE VISTA AVENUE

CHINO, CALIFORNIA 91710

(714) 627-3628

STATE APPROVED WATER LABORATORY

WAL NO.

3080912

DATE RECEIVED

SEP 8-23-83

DATE OF REPORT

9-8-83

CUSTOMER CALIFORNIA REGIONAL WATER QUALITY ADDRESS 6809 Indiana Ave  
CONTROL BOARD Santa Ana Region  
 ATTENTION James W. Anderson Riverside, CA 92506

SAMPLE IDENTIFICATION Surface Water - Sample #2

SAMPLING POINT Bear Creek Bridge above Santa Ana Confluence

SAMPLED BY Jeff Earls

DATES & HOURS SAMPLED 8-23-83; 1:00 pm

PARAMETER	VALUE	PARAMETER	VALUE
Ammonium.....	_____ mg/l	Nickel.....	_____ mg/l
Ammonia (N).....	<u>0.03</u> mg/l	Nitrate (N).....	<u>0.14</u> mg/l
Antimony.....	_____ mg/l	Oil & Grease.....	_____ mg/l
Asenic.....	_____ mg/l	pH.....	<u>7.80</u>
BOD.....	_____ mg/l	Phenols.....	_____ mg/l
Barium.....	_____ mg/l	Phosphate - Ortho.....	< <u>0.05</u> mg/l
Beryllium.....	_____ mg/l	Phosphate, Total.....	_____ mg/l
Bismuth.....	_____ mg/l	Potassium.....	<u>1.04</u> mg/l
Boron.....	<u>&lt;0.01</u> mg/l	Selenium.....	_____ mg/l
Bromine.....	_____ mg/l	Settleable Solids.....	_____ l
Cadmium.....	_____ mg/l	Silver.....	_____ mg/l
Calcium.....	<u>22.0</u> mg/l	Sodium.....	<u>9.82</u> mg/l
Chloride.....	<u>3.9</u> mg/l	Specific Conductance.....	<u>182</u> micromhos/cm
Chlorinated Hydrocarbons- C <sub>1</sub> - C <sub>6</sub> .....	_____ mg/l	Sulfate.....	<u>8.4</u> mg/l
Chromium (Hexavalent).....	_____ mg/l	Sulfide.....	_____ mg/l
Chromium (Total).....	_____ mg/l	Surfactants (MBAS).....	_____ mg/l
Cobalt.....	_____ mg/l	Suspended Solids.....	_____ mg/l
Copper.....	_____ mg/l	Temperature.....	_____ °F
Cyanide.....	_____ mg/l	Tin.....	_____ mg/l
Dissolved Oxygen.....	_____ mg/l	Titanium.....	_____ mg/l
Flow (total).....	_____ gals/day	Total Alkalinity.....	<u>80.0</u> mg/l
Flow (peak).....	_____ gals/min	Bicarbonate Alkalinity.....	<u>80.0</u> mg/l
Fluoride.....	_____ mg/l	Carbonate Alkalinity.....	<u>0</u> mg/l
Iron.....	<u>&lt;0.02</u> mg/l	Total Dissolved Solids -	_____ mg/l
Lead.....	_____ mg/l	(Filterable Residue).....	<u>127</u> mg/l
Magnesium.....	<u>2.66</u> mg/l	Total Hardness.....	<u>66.0</u> mg/l
Manganese.....	_____ mg/l	Turbidity.....	_____ Units
Mercury.....	_____ mg/l	Zinc.....	_____ mg/l
<b>Hydroxide Alkalinity</b>	<b>0 mg/l</b>	<b>Silica</b>	<b>20 mg/l</b>
		<b>Carbon Dioxide</b>	<b>2.6 mg/l</b>

*Reginald J. Jensen*  
 Laboratory Director

# WESTERN ANALYTICAL LABORATORIES, INC.

13744 MONTE VISTA AVENUE

CHINO, CALIFORNIA 91710

(714) 627-3628

STATE APPROVED WATER LABORATORY

WA. NO.

3080913

DATE RECEIVED

SEP

8-23-83

DATE OF REPORT

9-8-83

CUSTOMER CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD Santa Ana Region ADDRESS 6809 Indiana Ave  
 ATTENTION James W. Anderson Riverside, CA 92506

SAMPLE IDENTIFICATION Surface Water - Sample #3

SAMPLING POINT Santa Ana River 100 ft above Bear Creek Confluence

SAMPLED BY Jeff Earls

DATES & HOURS SAMPLED 8-23-83; 1:00 pm

PARAMETER	VALUE	PARAMETER	VALUE
Aluminum.....	_____ mg/l	Nickel.....	_____ mg/l
Ammonia (N).....	<u>0.03</u> mg/l	Nitrate (N).....	<u>0.02</u> mg/l
Antimony.....	_____ mg/l	Oil & Grease.....	<u>8.26</u> mg/l
Asenic.....	_____ mg/l	pH.....	<u>8.26</u>
Chloride.....	_____ mg/l	Phenols.....	_____ mg/l
Cadmium.....	_____ mg/l	Phosphate - Ortho.....	<u>&lt; 0.05</u> mg/l
Copper.....	_____ mg/l	Phosphate, Total.....	_____ mg/l
Cyanide.....	_____ mg/l	Potassium.....	<u>1.83</u> mg/l
Dissolved Oxygen.....	_____ mg/l	Selenium.....	_____ mg/l
Fluoride.....	<u>4.2</u> mg/l	Settleable Solids.....	_____ l
Hexavalent Chromium.....	<u>0.01</u> mg/l	Silver.....	_____ mg/l
Iron.....	_____ mg/l	Sodium.....	<u>8.22</u> mg/l
Manganese.....	_____ mg/l	Specific Conductance.....	<u>185</u> micromhos/cm
Mercury.....	_____ mg/l	Sulfate.....	<u>10.0</u> mg/l
Nitrite.....	_____ mg/l	Sulfide.....	_____ mg/l
Nitrate.....	_____ mg/l	Surfactants (MBAS).....	_____ mg/l
Ortho Phosphate.....	_____ mg/l	Suspended Solids.....	_____ mg/l
Total Phosphate.....	_____ mg/l	Temperature.....	_____ °F
Total Solids.....	_____ mg/l	Tin.....	_____ mg/l
Total Dissolved Solids.....	_____ mg/l	Titanium.....	_____ mg/l
(Filterable Residue).....	_____ mg/l	Total Alkalinity.....	<u>79.0</u> mg/l
Total Hardness.....	_____ mg/l	Bicarbonate Alkalinity.....	<u>79.0</u> mg/l
Turbidity.....	_____ Units	Carbonate Alkalinity.....	<u>0</u> mg/l
Zinc.....	_____ mg/l	Total Dissolved Solids -	_____ mg/l
Hydroxide Alkalinity	<u>0</u> mg/l	(Filterable Residue).....	<u>128</u> mg/l
Silica	_____ mg/l	Total Hardness.....	<u>68.8</u> mg/l
Carbon Dioxide	<u>&lt; 0.5</u> mg/l	Turbidity.....	_____ Units
		Zinc.....	_____ mg/l

*Raymond J. Zinner*  
 Laboratory Director

All samples are analyzed by "Standard Methods" of APHA or EPA, "Methods for Chemical Analysis of Water and Waste".

