

DEPARTMENT OF HEALTH SERVICES

DRINKING WATER FIELD OPERATIONS BRANCH
 5545 EAST AIRWAYS BOULEVARD
 FRESNO, CALIFORNIA 93727
 (559) 297-3883
 FAX (559) 297-3873



To:

5510016
 BOARD OF DIRECTORS
 ODD FELLOWS SIERRA REC
 ASSOC
 P.O. BOX 116
 LONG BARN, CA 95335

Return completed form to:

Drinking Water Field Operations Branch
 Merced District
 5545 E. Airways Boulevard
 Fresno, CA 93727

Submit by March 31, 1999

**1998 ANNUAL REPORT TO THE DRINKING WATER PROGRAM
 FOR MEDIUM AND LARGE WATER SYSTEMS**

I. CHANGE OF NAME OR ADDRESS
 (If Applicable)

II. ORGANIZATION

A. Manager/Superintendent (Specify)

RANDY TOLBERT (MANAGER)

B. Primary Contact Person (If different)

Address

Telephone / Fax Numbers.

BUS. HOME
(209) 586-3098 / 586-4625

E-mail Address

III. WATER PRODUCED, PURCHASED AND SOLD

	Water Produced (MG)	Water Purchased (MG)	Water Sold (MG)	
			Other PWS	Agricultural
Maximum Day	8252			
Maximum Month Mo.	247550			
Annual Total	2970600			

Please submit a list of the other public water systems (PWS) that your water system sold water to, or purchased water from, in 1998. N/A.

IV. POPULATION SERVED

A. Permanent (Latest U.S. Census Bureau or Department of Finance data) 150

B. Seasonal Daily Maximum (If applicable) 300

V. DOMESTIC WATER SOURCES IN SYSTEM (As of December 31, 1998)

Type	Total Approved	New/Added in 1997	Inactivated in 1997	Abandoned in 1997
Groundwater	2			
Surface Water	0			
Purchased Water	0			
Standby*	1			
Inactive		N/A		

* If standby source(s) were used in 1998, identify number of days in operation: 0

VI. NUMBER OF SERVICE CONNECTIONS

Type/Category	Metered	Flat Rate	Total
General & residential (except commercial & industrial)		351	351
Commercial			0
Industrial			0
Agricultural (irrigation)			2
Other Water Systems			0
Total Active Connections			353

Number of Inactive Connections (all types) 0

Number of Fire Hydrants 40

VII. FLUORIDATION

Do you currently provide fluoridation treatment of your water supply? Yes No
 If Yes, please complete the Annual Fluoridation Report Form attached as Appendix A.

VIII. METHYL TERTIARY-BUTYL ETHER (MTBE) MONITORING

Has your water system initiated MTBE monitoring of water sources? Yes No
 If Yes, provide copies of the monitoring results unless they have been previously submitted.

INCLUDED w/524.2 ON WELL #6 IN NOV 96
 TESTING WELL #5 JUNE 99

IX. BACTERIOLOGICAL SAMPLE SITING PLAN

The revised coliform monitoring regulations require that each system submit a sample siting plan. (Please submit a copy of this siting plan if it has been changed in 1998).

Date of current siting plan: 1995

X. LEAD AND COPPER

Please complete the following tables. Indicate Not Completed (NC) or Not Required (NR), if applicable. **SEE 97 REPORT FOR LEAD & COPPER.**

Category	Date Completed	Number of Samples	90th Percentile Results	
			Lead	Copper
First Round Initial Tap Monitoring				
Second Round Initial Tap Monitoring				
Additional Tap Monitoring				

Category	Date Started (month/year)	Date Completed (month/year)
Source Water Monitoring		
Water Quality Parameters Monitoring		
Public Education Program		
Corrosion Control Studies		
Corrosion Control Treatment Installation		
Source Water Treatment Installation		
Lead Line Replacement		

XI. BACKFLOW PREVENTION ASSEMBLIES ON SERVICE CONNECTIONS

	Total Number in System	Number Installed in 1998	Number Tested in 1998	Number Failed in 1998
Backflow Prevention Assemblies	0			

Designated Cross Connection Control Program Coordinator: **N/A**

Name _____ Telephone number (____) _____

XII. RECYCLED WATER PROJECTS IN SERVICE AREA

(As of December 31, 1998). **N/A**

Recycled Water Use Sites	Number Approved	Number Proposed for 1999
Irrigation		
Industrial		
Dual-Plumbed (in-building)		
Total		

Please attach a list of the specific recycled water use site(s). N/A

XVIII. WATER SYSTEM IMPROVEMENTS

Identify any major changes, additions, or improvements in the water system facilities and/or operation that were completed during 1998 or that are planned for 1999. (Water systems are required to submit an amended permit application for any addition or modification to water sources or treatment facilities pursuant to Section 116550 of the Health and Safety Code).

- 1) PAINTED WELL #6 INSULATED, SHEETROCKED.
- 2) PAINTED WELL #5 INSULATED, SHEETROCKED.
- 3) WELL #2 (STAND BY) REWIRE ELECTRICAL, PAINT, NEW ROOF, INSTALL PROBE TUBE, SHEETROCK, INSULATE.
- 4) INSTALL (5) INSULATED VALVE BOXES.
- 5) REPLACE (2) 4 IN. GATE VALVES W/ 4 IN BALL VALVES.
- 6) REPLACE (1) 2 IN GATE VALVE W/ 2 IN BALL VALVE
- 7) RECOATE 210,000 GAL STORAGE TANK.
INSTALL SLUDGE VALVE ON TANK.
JOBED OUT TO PORTER CAL WESTERN TANKS.

XIX. SYSTEM PROBLEMS

Type of Problem	Number of Problems	Number of Problems Investigated	Number of Problems Reported to DHS
Breaks/Leaks	1	1	1
Water Outages	0		
Boil Water Orders	0		
Total	1	1	1

Please provide a brief description of the cause and the corrective action taken for each problem identified.

1) WATER BREAK UNDER REBECCA RD.

RE ROUTE 2 IN CABIN MAIN TO WATER BOX

2) HAD A BACTI COUNT ON 210,000 GAL STORAGE TANK AFTER INSPECTION WAS DONE FOR REPAIRS.

CHLORINATED SYSTEM. NO BACTI COUNT NEXT TESTING.

XX. COMPLAINTS (Reported - Written or Verbal)

Type of Complaint	Number of Complaints Reported	Number of Complaints Investigated	Number of Complaints Reported to DHS
Taste and Odor	1	1	0
Color	0	0	0
Turbidity	0	0	0
Worms and other Visible Organisms			
Pressure (High or Low)	2	2	0
Illnesses (Waterborne)	0	0	0
Other (Specify)	0	0	0
Total	2	2	0

Please provide a brief description of the cause and the corrective actions taken for each reported complaint.

1) DEAD END LINE SARAH CIRCLE.
 FLUSH HYDRANTS ON SARAH CIRCLE
 NEXT DAY EGG SMELL CLEARED UP.

2) BROKEN BRASS VALVE DUE TO FREEZING.
 REPLACE 1" VALVE, PRESSURE RESTORED.

**ODDFELLOWS SIERRA RECREATION ASSOC.
ANNUAL WATER QUALITY REPORT FOR 1998**

CONSTITUENTS	UNITS	MCL	WELL FIVE		WELL SIX	
			RESULT	RANGE	RESULT	RANGE
CLARITY						
TURBIDITY	UNITS	0.5 *	0.2	N/A	0.7	N/A
MICROBIOLOGICAL						
COLIFORM BACTERIA	N/A	N/A	1/47	N/A	N/A	N/A
INORGANICS						
FLUORIDE	mg/L	1.4-2.2 **	ND	N/A	ND	N/A
NITRATE (AS NO3)	mg/L	45	ND	N/A	ND	N/A
ALUMINUM	ug/L	1000	ND	N/A	250	N/A
ANTIMONY	ug/L	6	ND	N/A	ND	N/A
ARSENIC	ug/L	50	ND	N/A	ND	N/A
BARIUM	ug/L	1000	ND	N/A	30	N/A
BERYLLIUM	ug/L	4	ND	N/A	ND	N/A
CADMIUM	ug/L	5	ND	N/A	ND	N/A
CHROMIUM	ug/L	50	ND	N/A	ND	N/A
LEAD	ug/L	50	ND	N/A	ND	N/A
MERCURY	ug/L	2	ND	N/A	ND	N/A
NICKEL	ug/L	100	ND	N/A	ND	N/A
SELENIUM	ug/L	10	ND	N/A	ND	N/A
SILVER	ug/L	50	ND	N/A	ND	N/A
THALLIUM	ug/L	2	ND	N/A	ND	N/A
RADIOACTIVITY						
GROSS ALPHA ACTIVITY	pCi/L	15	1.1	0.8 - 2.0	1.4	0.7 - 2.0
RADIUM 226 & 228 COMBI	pCi/L	5 ***	N/A	N/A	N/A	N/A
URANIUM	pCi/L	20 ****	N/A	N/A	N/A	N/A
SECONDARY STANDARDS						
CHLORIDE	mg/L	500	ND	N/A	1	N/A
FOAMING AGENTS (MBAS)	mg/L	0.5	ND	N/A	ND	N/A
SULFATE	mg/L	500	6	N/A	6	N/A
TOTAL DISSOLVED SOLID	mg/L	1000	180	N/A	160	N/A
COPPER	ug/L	1000	ND	N/A	ND	N/A
IRON	ug/L	300	60	N/A	290	N/A
MANGANESE	ug/L	50	150	N/A	330	N/A
ZINC	ug/L	5000	ND	N/A	1900	N/A
COLOR	UNITS	15	<3	N/A	8.0	N/A
ODOR THRESHOLD	UNITS	3	1	N/A	1	N/A
ADDITIONAL CONSTITUENTS						
CALCIUM	mg/L	NO STANDARD	35	N/A	27	N/A
HARDNESS (AS CaCO3)	mg/L	NO STANDARD	130	N/A	110	N/A
MAGNESIUM	mg/L	NO STANDARD	10	N/A	9	N/A
POTASSIUM	mg/L	NO STANDARD	2	N/A	2	N/A
SODIUM	mg/L	NO STANDARD	11	N/A	8	N/A
pH	UNITS	NO STANDARD	7.0	N/A	6.5	N/A

NOTE: ALL "REGULATED" AND "UN-REGULATED ORGANICS WERE "NON-DETECT" EXCEPT TOLUENE WHICH WAS AN AVERAGE OF 1.8 ug/L. MICROBIOLOGICAL RESULTS ARE FROM DISTRIBUTION SYSTEM, NOT FROM WELL. MICROBIOLOGICAL RESULTS REPRESENT "% OF POSITIVE SAMPLES / # OF SAMPLES REQUIRED"

MCL = MAXIMUM CONTAMINANT LEVEL

ND = NONE DETECTED

mg/L = MILLIGRAMS PER LITER (PARTS PER MILLION)

ug/L = MICROGRAMS PER LITER (PARTS PER BILLION)

pCi/L = PICO CURIES PER LITER

* = TURBIDITY "MCL" NOT APPLICABLE TO WELL WATER

** = FLUORIDE STANDARD DEPENDENT ON AIR TEMPERATURE

*** = ANALYSIS NOT REQUIRED IF GROSS ALPHA ACTIVITY IS LESS THAN "MCL"

**** = ANALYSIS NOT REQUIRED IF URANIUM ACTIVITY IS LESS THAN "MCL"

FOR ADDITIONAL INFORMATION CONTACT AQUALAB AT 536-3400