

Mailed 4/15/02 2001

To:

Return the completed form to:

1410001
Andrew Boyd
CITY OF BISHOP
P.O. Box 1236
Bishop, CA 93515

Department of Health Services
Division of Drinking Water Field
Operations Branch
Government Center, Fourth Floor
464 West 4th Street, Suite 437
San Bernardino, CA 92401

Submit by April 15, 2002

**2001 ANNUAL REPORT TO THE DRINKING WATER PROGRAM
FOR LARGE WATER SYSTEMS**

**I. CHANGE OF NAME OR ADDRESS
(If Applicable)**

II. ORGANIZATION

A. Manager/Superintendent (Specify)

Andrew Boyd, Director of Public Works

B. Primary Contact Person (If different)

Address

PO Box 1236

Telephone / Fax Numbers.

(760) 873-5863 / (760) 872-4873

E-mail Address

public.works@ci.bishop.ca.us

Location of facilities: City & Zip Code
(If different than shown above)

III. WATER PRODUCED, PURCHASED AND SOLD IN 2001

	Water Produced Groundwater (MG)	Water Produced Surface water (MG)	Water Purchased* (MG)	Water Sold (MG)	
				Other PWS*	Agricultural
Maximum Day Date: 6/25/01	3.334	0	0	N/A	N/A
Maximum Month Mo. Aug.	82.3	0	0	N/A	N/A
Annual Total	611.6	0	0	N/A	N/A

* Please submit a list of the other public water systems (PWS) that your water system sold water to, or purchased water from, in 2001.

IV. POPULATION SERVED IN 2001*

- A. Permanent (Latest U.S. Census Bureau or Department of Finance data) 3,613
- B. Seasonal Daily Maximum (If applicable) 40,000 Memorial Day Weekend

• *Indicate the basis of population served if other than census.

V. DESCRIPTION/BOUNDARIES OF SERVICE AREA Our service area includes everything inside of the Bishop City Limits

VI. DOMESTIC WATER SOURCES IN SYSTEM (As of December 31, 2001)

Type	Total Approved	New/Added in 2001	Inactivated in 2001	Abandoned In 2001
Groundwater	3	0	0	0
Surface Water	0	0	0	0
Purchased Water@	0	0	0	0
Standby#	1	0	0	0
Inactive	0	N/A	0	0

• #If standby source(s) were used for emergencies in 2001, identify number of days in operation for each standby source: 0

• @ Indicate name(s) of purveyor(s) from whom water was purchased:

N/A

VII. NUMBER OF SERVICE CONNECTIONS

Type/Category	Metered	Flat Rate	Total
General & residential (except commercial & industrial)		823	823
Commercial		356	356
Industrial			
Agricultural (irrigation)			
Other Water Systems			
Total Active Connections		1178	1178

Number of Inactive Connections (all types) 2

Number of Fire Hydrants 171

VIII. 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.

IX. 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.

X. UCMR MONITORING (Unregulated Chemical Monitoring Requirements)

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

XI. 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 2001).
 Date of current approved siting plan: 1/24/02

XII. LEAD AND COPPER

Please complete the following tables. Indicate Not Completed (NC) or Not Required (NR), if applicable.

Category	Date Completed	Number of Samples	90th Percentile Results	
			Lead	Copper
First Round Initial Tap Monitoring	12/92	40	N/D	70
Second Round Initial Tap Monitoring	7/93	40	N/D	54
First Annual Tap Monitoring	NR			
Second Annual Tap Monitoring	NR			
First Triennial Tap Monitoring	11/97	20	N/D	148
Second Triennial Tap Monitoring	6/00	20	N/D	91

If there was an exceedance of lead or copper action level, complete the following table with applicable information:

Category	Date Started (month/year)	Date Completed (month/year)
Source Water Monitoring	1988	
Water Quality Parameters Monitoring	1988	
Public Education Program	1988	
Corrosion Control Studies		
Corrosion Control Treatment Installation		
Source Water Treatment Installation		
Lead Line Replacement		

XIII. BACKFLOW PREVENTION ASSEMBLIES ON SERVICE CONNECTIONS

	Total Number in System	Number Installed in 2001	Number Tested in 2001	Number Failed in 2001
Backflow Prevention Assemblies	240	18	147	8

Designated Cross Connection Control Program Coordinator:

Name Michael McDermott Telephone number (760) 873-5863

XIV. RECYCLED WATER PROJECTS IN SERVICE AREA
(As of December 31, 2001).

Recycled Water Use Sites	Number Approved	Number Proposed for 2002
Irrigation	*1	
Industrial		
Dual-Plumbed (in-building)		
Total		

Please attach a list of the specific recycled water use site(s), identifying the recycled water agency supplying the recycled water. *Wastewater Treatment Plant pasture irrigation. Treated effluent from the City's wastewater treatment facility is used for pasture irrigation.

XV. EMERGENCY NOTIFICATION PLANS

Please review your Emergency Notification Plan and submit a revised plan if any changes are required to update the plan (Section 116460 of the Health and Safety Code). (Form attached)

XVI. OPERATIONS PLAN (Applicable to systems using surface water) N/A

Please submit a copy of your current operations plan if changes were made to the plan in 2001.
Date of Current Operations Plan: N/A

XVII. DISASTER PREPAREDNESS/EMERGENCY RESPONSE PLANS

Do you have a Disaster Response Plan which addresses the procedures for the restoration of water services for your water system? Yes No If Yes, date of plan: 11/22/88

Public water systems with 10,000 or more service connections are required to review and revise their disaster preparedness plans to ensure that the plans are sufficient to address possible disaster scenarios (Government Code, Section 8607.2). Date of last review/ revision: N/A
Please submit a copy of your current plan with this annual report.

Do you have standby power sources, such as fixed or mobile generators? Yes No
If Yes, indicate the capacity of each type, and its sufficiency to maintain operations and service:
Well #2 has a back-up motor powered by propane, and Well #1 has a back-up motor powered by diesel. Both motors will produce equal amount of water when run on back-up motors or electricity.

Do you have portable chlorination systems for use in emergency chlorination? Yes No
If yes, details of equipment. Capacity etc. _____

XVIII. CONSUMER CONFIDENCE REPORT TO CUSTOMERS

Please submit a copy of your water system's most recent Consumer Confidence Report that was distributed to your customers, unless it has been already submitted.

XIX. OPERATOR CERTIFICATION

Please list the State certified water treatment plant (T) and Distribution (D) operators employed by your water system. (attach additional sheet if necessary)

<u>Name</u>	<u>Operator Cert. No.</u>	<u>Grade of (T/D)Operator</u>	<u>Renewal/Expiration Date</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	(See Attached)	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

XX. WATER SYSTEM IMPROVEMENTS

Identify any major changes, additions, or improvements in the water system facilities and/or operation that were completed during 2001 or that are planned for 2002. (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).

IMPROVEMENTS COMPLETED IN 2001:

- Installed on-site sodium hypo chloride generation system.
- Installed 1,800' of 8" D.I.P. to replace old 8" steel line on E. Pine Street; plus 5 new hydrants.
- Installed 800' of new 8" D.I.P. (hospital & school); plus 3 new hydrants.
- Updated actual count of hydrant and painted all hydrants.
- Replaced 2 old fire hydrants
- _____
- _____
- _____

IMPROVEMENTS IN PROGRESS AND PLANNED IN 2002:

- _____
- _____
- _____
- _____
- _____

XIX OPERATOR CERTIFICATION

<u>Name</u>	<u>Operator Cert. No.</u>	<u>Grade of (T/D) Operator</u>	<u>Renewal/ Expiration Date</u>
Deston Dishion	20635	T-2	5/2/04
	14588	D-2	3/1/03
Mike McDermott	18462	T-2	5/1/04
	9277	D-2	3/1/03
Bill Hulit	15023	T-1	3/1/04
	9276	D-2	3/1/03
Devon Smith	23323	T-2	11/1/04
	14597	D-2	3/1/03
Dave Mappus	24189	T-1	7/1/04
	16298	D-1	10/1/04
Mark Pheil	15064	T-1	3/1/04
	17933	D-1	1/1/04

XXI. SYSTEM PROBLEMS

Distribution System Leaks

Type of Problem	Number of Problems	Number of Problems Investigated	Number of Problems Reported to DHS
Breaks/Leaks Mains	8	0	0
Breaks/Leaks Service Lines	2	0	0
Water Outages	0	0	0
Boil Water Orders	0	0	0
Total	10	0	0

Please provide a brief description of the cause and the corrective action taken for each problem identified. Main line breaks are thought to be caused by either bad

backfill material or older main line pipes.

Service lines were both found to be old galvanized lines

and are replaced with copper.

XXII. SYSTEM MAINTENANCE

Dead-end Flushing Program

	Total Number in System	Numbers with blow-offs	Number flushed in 2001	Frequency of flushing
Dead-ends	17	8	17	Annually

Valve Exercise Program

	Size range of valves	Total Number in System	Number exercised in 2001	Frequency of valve exercise
Valves	4" - 20"	270	270	Annually

XXIII. 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	2	2	0
Color	0		
Turbidity	0		
Worms and other Visible Organisms	0		
Pressure (High or Low)	0		
Leaks	0		
Water Outages	0		
Illnesses (Waterborne)	0		
Other (Specify)	0		
Total	2	2	0

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

1. Taste complaint was due to older fixtures inside building. At point where occupants fill water bottles for consumption, fixture is very old and has no way to clean screen without total replacement of fixture. I suggested to allow longer flush times to clear any taste problems. Corrective measures have helped. 8/8/01

2. Resident filled ice trays with hot water. The heater has not been drained in 12 years. Advised to drain heater and re-fill ice trays with cold water.

DEPARTMENT OF HEALTH SERVICES
 DIVISION OF DRINKING WATER AND ENVIRONMENTAL MANAGEMENT



WATER QUALITY EMERGENCY NOTIFICATION PLAN

Name of Utility: City of Bishop	System No. 1410001
Mailing Address: PO Box 1236 Bishop, CA 93515	FAX No: 760/873-4873
Street Address: (if different than mailing address) 377 W. Line Street, Bishop, CA 93514	E-mail address: public.works@ci.bishop.ca.us

The following persons have been designated to implement the plan upon notification by the State Department of Health Services, Division of Drinking Water, that an imminent danger to the health of water users exists:

WATER SYSTEM PERSONNEL OR SYSTEM CONTACT

NAME	TITLE	DAY PHONE	EVENING PHONE
Andrew Boyd	Director of Public Works	760/873-5863	760/873-5373
Deston Dishion	Supervisor	760/873-5863	760/872-1575
Bruce Dishion	Chief of Police	760/873-5867	760/873-6092

STATE & COUNTY HEALTH DEPARTMENT PERSONNEL

NAME	TITLE	DAY PHONE	EVENING PHONE
Bob Hurd	Dir. Environmental Health	760/873-7865	760/872-3978
Kathe Barton	Environmental Health	760/873-7865	760/873-4282

NOTIFICATION PLAN

Describe methods or combinations of methods to be used (radio, television, door-to-door, sound truck, etc.). For each section of your plan give an estimate of the time required, necessary personnel, estimated coverage, etc. Consideration must be given to special organizations, particularly non-English speaking groups, and outlying water users. (Use the other side of form, if necessary).

Any emergency notification will be made by radio, television, door-to-door and sound vehicle.

Report Prepared by: Andrew Boyd

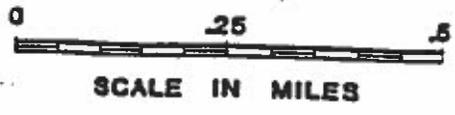
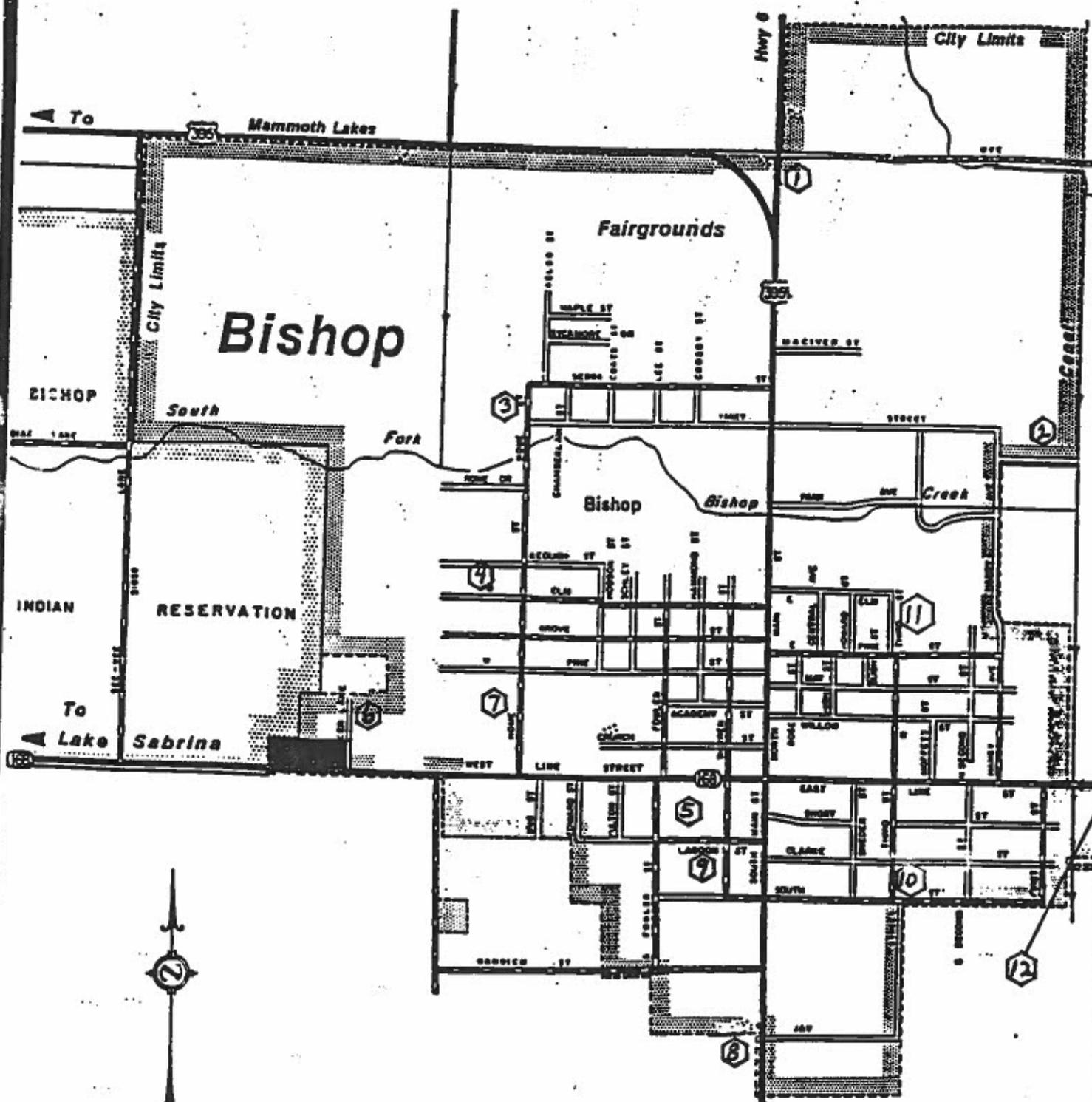
Title: Director of Public Works

Signature: *Andrew Boyd*
Print Name

Date: 4/15/02

BACTERIA SAMPLE SITE PLAN

- Sample #1** 1240 N. Main – hose bib on west side of building
Repeat A 1230 N. Main – hose bib on southwest corner of Amerigas
Repeat B 1280 N. Main – hose bib on back of Wye Road Feed & Supply
- Sample #2** 477 E. Yaney – hose bib on south side of house
Repeat A 406 E. Yaney – hose bib in front yard
Repeat B 495 E. Yaney – hose bib on southwest corner of house
- Sample #3** 849 Home – hose bib on back of church
Repeat A 808 Home – hose bib on northwest corner of house
Repeat B 874 Home – hose bib on northwest corner of house
- Sample #4** 751 Elm – hose bib on west side of house
Repeat A 780 Elm – hose bib on east side of house
Repeat B 730 Elm – hose bib on west side of house
- Sample #5** Public Works Shop – north hose bib inside main shop
Repeat A Hose bib by roll-up doors at Symons Ambulance
Repeat B 276-A S. Warren - hose bib on south side of building
- Sample #6** 157 Pioneer – hose bib on east side of office
Repeat A 155 Pioneer – hose bib on north side of building
Repeat B 152 Pioneer – hose bib on west side of building
- Sample #7** 325 Home – hose bib on northeast side of apartments
Repeat A 176 Home – hose bib on southwest corner of house
Repeat B 375 Home – hose bib on north side of house
- Sample #8** 575 S. Main – hose bib on southeast side of building
Repeat A 535 S. Main – hose bib behind office
Repeat B 600 S. Main – hose bib on south side of building
- Sample #9** 371 S. Warren – hose bib on south side of building
Repeat A Public works shop – hose bib on north side in main shop
Repeat B 207 W. South – hose bib on south side of building
- Sample #10** 315 E. South – hose bib on south side of church
Repeat A 281 E. South – hose bib on east side of building
Repeat B 325 E. South – hose bib on west side of house
- Sample #11** 556 N. Third – hose bib on east side of house
Repeat A 563 N. Third – hose bib between garage doors
Repeat B 566 N. Third – hose bib on west side of house
- Sample #12** 136 Johnston – hose bib on northwest side of house
Repeat A 130 Johnston – hose bib on north side of house
Repeat B 157 Johnston – hose bib on east side of house



Dead End Lines

1. maple St. - Blow OFF
2. Sycamore St. - Blow OFF
3. E. Yaney St - Blow OFF
4. mandich - Blow OFF
5. North Second St - Blow OFF
6. Johnston Dr. - Blow OFF
7. South Fowler - Blow OFF
8. Spruce St. (Paris) - Blow OFF
9. Rome Dr. - Hydrant
10. Hiway 6 - Hydrant
11. Pioneer Ln - Hydrant
12. Iris St - Hose Bib
13. Church St - Hose Bib
14. South Hiway 395 - Hydrant
15. Schley St. Hose Bib
16. Calvary Christian Church - Hydrant
17. Nazarene Church - Hydrant