

(2) TRAVEL TIME
 MIN. (0) (6) (12) (18) (24) (30) (36) (42) (48) (54)
 HRS. (1) (2) (3) (4) (1) TIME IN

(3) DATE
 MONTH (1) (2) (3) (4) (5) (6) (7) (8) (9) (10) (11) (12)

(4) YEAR (79) (80) (81) (82) (83) (84) (85) (86) (87) (88)

(5) VIOLATIONS CORRECTED
 (0) (1) (2) (3) (4) (5) (6) (7) (8) (9)

(6) COMPUTER NUMBER
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(7) PURPOSE
 R F U NUC C P V A I O

MAJOR MINOR

NAME Wynola Water District INSPECTION DATE 12-2-82

LOCATION Springview Dr., Wynola, Santa Ysabel REC-CHECK DATE

MAILING ADDRESS Star Rt 1, P.O. Box 125, Santa Ysabel 92070 37 CLASSIFICATION 1

President - Merriam Moore 765-1276

Water System Maintenance - Steve Livermore

765-1246, P.O. Box 719, Julian, CA 92036

CLASSIFICATION:

The Wynola Water District is a Small Community Water System with 40 service connections serving a maximum population of 110 people. The water system serves approximately 54 year round residents.

WATER SYSTEM COMPONENTS:

The water system components consist of three active drilled wells, a 67,578 gallon galvanize steel reservoir, a steel pressure tank of undetermined capacity, and a water distribution system consisting of six inch diameter asbestos cement mains with one inch diameter plastic PVC laterals. There is no mandated water treatment within the system. Well #3 ^{10T 14} now contains a Grundfas submersible pump with a 15 GPM capacity. Well #2 ^{10T 183} - Data for this well was obtained from Steve Livermore, and is as follows: The well is a drilled well 200 feet deep, and contains a 50 foot deep annular seal, and a Gould submersible pump with a 7 GPM capacity.

COMMENTS AND CORRECTIONS:

The writer was accompanied on the inspection of the water system by Steve Livermore, water maintenance, and Dave Crimmins, San Diego Dept of Health Services.

1. Please complete the following State of California water system informational forms, and return to San Diego Dept. of Health Services.

(8) SEWAGE (23) BACT. SAMPLE NO. INSUFF.

(9) ACTIVITY (24) BACT. STD. NOT MET

(10) FLOODING (25) PRIMARY CHEM. SAMPLE INSUFF.

(11) CONSTRUCT. (26) SECONDARY CHEM. SAMPLE INSUFF.

(12) LOCATION (27) PRIMARY CHEM. STD. NOT MET

(13) DISINFECT (28) SECONDARY CHEM. STD. NOT MET

(14) FILTRATION (29) PERMIT

(15) OTHER NONE VALID

(16) STORAGE (30) SOURCE

(17) PIPING (31) STORAGE

(18) CROSS CONNECTION (32) DISTRIBUTION

(19) EQUIP. MAINT. (33) SAFETY

(20) RECORDS INADEQUATE

(21) NO OPERATOR CROSS CONNECTION PROGRAM INADEQUATE (34) SYSTEM STATUS

(22) NO DEF. MAJOR DEF.

MINOR DEF.

NO DEF.

* MARK ONE ONLY

(35) INSPECTION TIME
 MIN. (6) (12) (18) (24) (30) (36) (42) (48) (54)
 HRS. (1) (2) (3) (4) (5) (6) (7)

(36) COUNTY
 (0) (1) (2) (3) (4) (5) (6) (7) (8) (9)
 (0) (1) (2) (3) (4) (5) (6) (7) (8) (9)

SANITARIAN RECEIVED BY

(38) TIME OUT

FORM BH-154 REV

(2) TRAVEL TIME
 MIN. (0) (6) (12) (18) (24) (30) (36) (42) (48) (54)
 HRS (1) (2) (3) (4)

(3) DATE
 MONTH (1) (2) (3) (4) (5) (6) (7) (8) (9) (10) (11) (12)
 (4) YEAR (7) (8) (9) (0) (1) (2) (3) (4) (5) (6) (7) (8) (9)

(5) VIOLATIONS CORRECTED
 (0) (1) (2) (3) (4) (5) (6) (7) (8) (9)

(6) COMPUTER NUMBER
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(7) PURPOSE
 R U ZOC P.S.O.C. I.P.E. A.C.O.V. O.T.H.

MAJOR MINOR

(8) SEWAGE

(9) ACTIVITY

(10) FLOODING

(11) CONSTRUCT.

(12) LOCATION

(13) DISINFECT

(14) FILTRATION

(15) OTHER

(16) STORAGE

(17) PIPING

(18) CROSS CONNECTION

(19) EQUIP. MAINT.

(20) RECORDS

(21) NO OPERATOR CROSS CONNECTION PROGRAM INADEQUATE

(22) INADEQUATE

(23) BACT. SAMPLE NO. INSUFF.

(24) BACT. STD. NOT MET

(25) PRIMARY CHEM. SAMPLE INSUFF.

(26) SECONDARY CHEM. SAMPLE INSUFF.

(27) PRIMARY CHEM. STD. NOT MET

(28) SECONDARY CHEM. STD. NOT MET

(29) PERMIT NONE VALID

(30) SOURCE

(31) STORAGE

(32) DISTRIBUTION

(33) SAFETY INADEQUATE

(34) SYSTEM STATUS
 MAJOR DEF.
 MINOR DEF.
 NO DEF.

NAME
 Wynola Water District

LOCATION

MAILING ADDRESS

INSPECT ON DATE
 12-2-82

RE-CHECK DATE

(37) CLASSIFICATION

gate valve. The installation of pressure relief valves might be required. In addition, each well must have power supply to activate well pump.

5. Well #5 - Lot 6

a. Provide suitable locked enclosure for well site so as to exclude access by unauthorized persons.

b. Provide sample riser at well site for required samples following plumbing sequence as listed above.

6. Storage Reservoir

a. Recommend provision of a screened, downtruned elbow fitting for reservoir overflow.

b. Provide a proper cap for fire water line outlet from reservoir.

c. Recommend that water district ensure that proper backflow prevention be provided for fire water line outlet located at base of reservoir so as to eliminate possible cross connections.

d. Effectively seal or re-caulk perimeter of electrical cover plate on reservoir roof.

7. Pressure Tank

a. Provide a proper cap for pressure tank drain outlet pipe.

NOTE: The deficiencies listed in this report were the same as those listed in the inspection report of November 19, 1981. Please correct these items so that an official notice will not have to be issued. If there are any questions please feel free to contact the writer at 565-5173.

(35) INSPECTION TIME
 MIN. (0) (6) (12) (18) (24) (30) (36) (42) (48) (54)
 HRS. (1) (2) (3) (4) (5) (6) (7)

(36) COUNTY
 (0) (1) (2) (3) (4) (5) (6) (7) (8) (9)
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RECEIVED BY
 D. Berquist

(38) TIME OUT

Page 3

FORM EH-154 REV.

(2) TRAVEL TIME
 MIN. (0) (5) (10) (15) (20) (30) (35) (40) (45) (50) (55)
 HRS. (1) (2) (3) (4) (i) TIME IN

(3) DATE
 MONTH (1) (2) (3) (4) (5) (6) (7) (8) (9) (10) (11) (12)
 (4) YEAR (79) (80) (81) (82) (83) (84) (85) (86) (87) (88)

(5) VIOLATIONS CORRECTED
 (0) (1) (2) (3) (4) (5) (6) (7) (8) (9) (10) (11) (12)

(6) COMPUTER NUMBER
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 (0) (1) (2) (3) (4) (5) (6) (7) (8) (9)

(7) PURPOSE
 R F C N C W O O P E R I A D V O T H O

MAJOR MINOR

SOURCE PROTECTION
 (8) SEWAGE
 (9) ACTIVITY
 (10) FLOODING
 (11) CONSTRUCT.
 (12) LOCATION

SOURCE TREAT-DEED
 (13) DISINFECT
 (14) FILTRATION
 (15) OTHER

DISTRIBUTION PROTECTION
 (16) STORAGE
 (17) PIPING
 (18) CROSS CONNECTION

OPERATION
 (19) EQUIP. MAINT.
 (20) RECORDS
 (21) NO OPERATOR CROSS CONNECTION PROGRAM INADEQUATE
 (22)

(23) BACT. SAMPLE NO. INSUFF.
 (24) BACT. STD. NOT MET
 (25) PRIMARY CHEM. SAMPLE INSUFF.
 (26) SECONDARY CHEM. SAMPLE INSUFF.
 (27) PRIMARY CHEM. STD. NOT MET
 (28) SECONDARY CHEM. STD. NOT MET

(29) PERMIT
 NONE VALID

QUANTITY
 (30) SOURCE
 (31) STORAGE
 (32) DISTRIBUTION

(33) SAFETY
 INADEQUATE
 (34) SYSTEM STATUS
 MAJOR DEF.
 MINOR DEF.
 NO DEF.
 MARK ONE ONLY

(35) INSPECTION TIME
 MIN. (0) (5) (10) (15) (20) (30) (35) (40) (45) (50) (55)
 HRS. (1) (2) (3) (4) (5) (6) (7)

(36) COUNTY
 (0) (1) (2) (3) (4) (5) (6) (7) (8) (9)
 (0) (1) (2) (3) (4) (5) (6) (7) (8) (9)

NAME Wynola Water District
 LOCATION
 MAILING ADDRESS
 INSPECTION DATE 12-2-82
 RECHECK DATE
 (37) CLASSIFICATION

5201 Ruffin Rd., Suite C, San Diego, CA 92123
 ATTN: Berquist. (second request)

- a. Well Data - well #2. Include copy of well log if available.
- b. Reservoir Data - pressure tank adjacent to steel storage reservoir.
- c. Water Quality Emergency Notification Plan.

2. Please provide the following chemical and physical analyses of each active well water source now, and every three years hereafter: General mineral, general physical and inorganic chemical testing. The required testing is to be performed by a State of California, Dept. of Health Services approved laboratory (attachment) with copy of results sent to Berquist at address listed above. (second request)

3. Well #2 - Lot 183
- a. Provide a suitable locked enclosure for well site so as to exclude access by unauthorized persons.
 - b.** File threads on existing well sample riser so as to eliminate possible cross connections.

4. Well #3 - Lot 14
- a. Provide suitable locked enclosure for well site so as to exclude access by unauthorized persons.

✓ b. Provide sample riser at well site for required water samples. The proper sequence of plumbing fittings on well discharge water line is check valve, sample riser, and

Could you please take care of these?

SMALL WATER SYSTEM REPORT *Shades Martin*

(2) TRAVEL TIME
MIN. (0) (1) (2) (3) (4) (5) (6) (7) (8) (9) (10) (11) (12) (13) (14) (15) (16) (17) (18) (19) (20)
HRS. (1) (2) (3) (4)

(1) TIME IN

(3) DATE
MONTH (1) (2) (3) (4) (5) (6) (7) (8) (9) (10) (11) (12)
(4) YEAR (7) (8) (9) (0) (1) (2) (3) (4) (5) (6) (7) (8) (9) (0)

(5) VIOLATIONS CORRECTED
(0) (1) (2) (3) (4) (5) (6) (7) (8) (9)

(6) COMPUTER NUMBER
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(0) (1) (2) (3) (4) (5) (6) (7) (8) (9)

(7) PURPOSE
R F U Z P C E A D V O T Y

WATER
RESERVOIR

SOURCE PROTECTION
(8) SEWAGE
(9) ACTIVITY
(10) FLOODING
(11) CONSTRUCT.
(12) LOCATION

SAMPLING
(23) BACT. SAMPLE NO. INSUFF.
(24) BACT. STD. NOT MET
(25) PRIMARY CHEM. SAMPLE INSUFF.
(26) SECONDARY CHEM. SAMPLE INSUFF.
(27) PRIMARY CHEM. STD. NOT MET
(28) SECONDARY CHEM. STD. NOT MET

SOURCE TREAT-DIED
(13) DISINFECT
(14) FILTRATION
(15) OTHER

(29) PERMIT
 NONE VALID

DISTRIBUTION PROTECTION
(16) STORAGE
(17) PIPING
(18) CROSS CONNECTION

QUANTITY
(30) SOURCE
(31) STORAGE
(32) DISTRIBUTION

OPERATION
(19) EQUIP. MAINT.
(20) RECORDS
(21) NO OPERATOR CROSS CONNECTION PROGRAM INADEQUATE
(22)

(33) SAFETY
 INADEQUATE
(34) SYSTEM STATUS
 MAJOR DEF.
 MINOR DEF.
 NO DEF.

(35) INSPECTION TIME
MIN. (0) (1) (2) (3) (4) (5) (6) (7) (8) (9) (10) (11) (12) (13) (14) (15) (16) (17) (18) (19) (20)
HRS. (1) (2) (3) (4) (5) (6) (7)

NAME WYNOLA WATER DISTRICT
LOCATION
MAILING ADDRESS
INSPECTION DATE 6-23-83
RECHECK DATE
(37) CLASSIFICATION

site for required water samples.

3. WELL #5 - Lot 6

a. A sample riser has been provided at well site for required water samples.

4. Pressure tank

a. A cap has been provided for the pressure tank drain outlet pipe.

CORRECTIONS REQUIRED:

1. Please complete the following State of California water system informational forms, and return to: San Diego Department of Health Services, 5201 Ruffin Rd., Suite, C, San Diego CA 92123 ATTN: Berquist.

a. Well Data - Well #2, lot 83. Include copy of well log if available.

b. Reservoir Data - Pressure tank adjacent to steel storage reservoir.

c. Water Quality Emergency Notification Plan.

2. Well #2 - lot 83

a. Provide a suitable locked enclosure for well site so as to exclude access by unauthorized persons.

X b. File threads on sample riser so as to eliminate possible cross connection.

3. Well #3 - lot 14

a. Provide suitable locked enclosure for well site so as to exclude access by unauthorized persons.

4. Well #5 - lot 6

a. Provide a suitable locked enclosure for well site so as to exclude access by unauthorized persons.

SMALL WATER SYSTEM REPORT

7. (1) TIME IN

MIN. 0 1 2 3 4 5 6 7 8 9

HRS. 0 1 2 3 4

(3) DATE

MONTH 0 1 2 3 4 5 6 7 8 9

(4) YEAR 0 1 2 3 4 5 6 7 8 9

(5) VIOLATIONS CORRECTED

0 1 2 3 4 5 6 7 8 9

(5) COMPUTER NUMBER

0 1 2 3 4 5 6 7 8 9

0 1 2 3 4 5 6 7 8 9

0 1 2 3 4 5 6 7 8 9

(7) PURPOSE

P E C O M P E A O H

NO. 1

NO. 2

SOURCE PROTECTION

(8) SEWAGE

(9) ACTIVITY

(10) FLOODING

(11) CONSTRUCT

(12) LOCATION

SOURCE TREAT-DILD

(13) DISINFECT

(14) FILTRATION

(15) OTHER

DISTRIBUTION PROTECTION

(16) STORAGE

(17) PIPING

(18) CROSS CONNECTION

OPERATION

(19) EQUIP. MAINT.

(20) RECORDS

(21) NO OPERATOR CROSS CONNECTION PROGRAM INADEQUATE

(22) INADEQUATE

SAMPLING

(23) BACT. SAMPLE NO. INSUFF.

(24) BACT. STD. NOT MET

(25) PRIMARY CHEM. SAMPLE INSUFF.

(26) SECONDARY CHEM. SAMPLE INSUFF.

(27) PRIMARY CHEM. STD. NOT MET

(28) SECONDARY CHEM. STD. NOT MET

(29) PERMIT

NONE VALID

QUANTITY

(30) SOURCE

(31) STORAGE

(32) DISTRIBUTION

(33) SAFETY

INADEQUATE

(34) SYSTEM STATUS

MAJOR DEF.

MINOR DEF.

NO DEF.

(35) INSPECTION TIME

MIN. 0 5 10 15 20 25 30 35 40 45 50

HRS. 1 2 3 4 5 6 7

NAME
WYNOLA WATER DISTRICT

LOCATION

MAILING ADDRESS

NO. ON DAY
6-23-83

RECHECK DATE

CLASSIFICATION

4. b. File threads on sample riser so as to eliminate possible cross connection.

5. Storage Reservoir

a. Provide screened, downtruned elbow fitting for reservoir overflow pipe.

b. Provide cap for fire water main outlet from reservoir.

c. Effectively seal or caulk perimeter of electrical cover plate on reservoir roof.

6. The water system wells #2 and #3 have had a recent history of excessive lead content, as the maximum contaminant level of 0.05 mg/l has been exceeded. Inorganic chemical analysis of the well water from these two wells on routine samples collected on December 22, 1982 and January 13, 1983 gave the following results when analyzed by the State of California, Department of Health Services laboratory:

- Well #3 - lot 14, sample collected Dec. 22, 1982; 0.21 mg/l
- Well #3 - lot 14, sample collected Jan. 13, 1983; 0.053 mg/l
- Well #2 - lot 83, sample collected Jan. 13, 1983, pre-flush; 1.65 mg/l
- Well #2 - lot 83, sample collected Jan. 13, 1983, post flush; 0.044 mg/l.

This last sample of well #2 - lot 83, collected on January 13, 1983 following flushing of the water within well and piping met the water quality standards.

Therefore, please comply with the following requirements: a) pump each well to waste for