

1
2
3 The Board of Supervisors of the County of Mariposa do
4 ordain as follows:

5 SECTION 1 - Well Standards

6 DEFINITIONS:

7 A. Annular Seal is the grout between the conductor
8 casing, or between the bore and the conductor casing or casing.

9 B. Cathodic Protection Well means any artificial
10 excavation in excess of fifty (50) feet deep constructed by any
11 means for the purpose of installing equipment or facilities for
12 the protection electrically of metallic equipment in contact with
13 the ground (commonly referred to as cathodic protection).

14 C. Contamination means an impairment of the quality
15 of the waters by waste to a degree which creates a hazard to the
16 public health through poisoning or through the spread of disease.
17 Contamination is also, by definition, a pollution.

18 D. Cross-connection means any unprotected connection
19 between any part of a water system used or intended to supply
20 water for domestic purposes and any source or system containing
21 water or other substance that is not or cannot be approved as
22 safe, pure, wholesome, and potable for human consumption.

23 E. Deep Water Well is any water well that produces water
24 from or below any impervious material, and does not include a
25 "shallow well" as defined in this ordinance.

26 F. Destruction of Wells means to restore as nearly as
27 practicable those conditions which existed prior to the construc-
28 tion of the well.

1 G. Disposal Well means a hole dug, bored, or drilled
2 into any known aquifer in which are deposited matters or substances,
3 which, by reason of temperatures or content, may be deleterious
4 to ground water.

5 H. Geophysical Well means a well used for testing or
6 logging strata or to obtain data from the underground.

7 I. Health Officer shall mean the director of health,
8 health officer, and any duly authorized deputy, sanitarian, or
9 other agent of the County Health Department.

10 J. Individual Water Well is any water well used to
11 supply domestic water for the needs of an individual residence
12 or duplex.

13 K. Injection Well is any well constructed to introduce
14 water into the underground as a means of replenishing ground water
15 basins. An injection well is also known as a recharge well.

16 L. Person means any natural person, individual, firm,
17 partnership company, corporation, association, joint venture,
18 joint stock company, organization, club, business trust, leasee,
19 agent, servant, officer, employee, unincorporated association or
20 representative of same.

21 M. Purveyor is any person that furnishes or supplies
22 domestic water to users from any source, as described in the
23 California State Laws and Standards relating to Domestic Water
24 Supply.

25 N. Pollution means an alteration of the quality of the
26 waters by waste to a degree which unreasonably affects: (1) the
27 value of such water for beneficial uses, or (2) Facilities which
28 serve such beneficial uses. Pollution may include Contamination.

1 O. Community Water Supply Well means any water well
2 used to supply domestic water to more than one (1) individual
3 parcel of property or any water supply which services any premise
4 which contains a temporary or permanent resort, hotel, apartment
5 house, triplex, motel, institution, labor camp, trailer park, gas
6 station, cafe, school, subdivision or any commercial establishment.

7 P. Pump Contractor means any person or company licensed
8 by the State Contractors License Law, as provided in Division 3,
9 Chapter 9, of the Business and Professions Code, to install, service
10 or repair a pump.

11 Q. Shallow Well is any well, spring, infiltration gallery
12 or similar device designed to supply surface water or surface
13 water located above an impervious material.

14 R. Source Facility includes all components of the
15 facilities used in the production, treatment, storage, and delivery
16 of water to the distribution system.

17 S. User means any person using water for domestic
18 purposes, except any person processing water or selling, serving,
19 furnishing, or supplying water to the public in any manner.

20 T. Utility System includes the source facilities,
21 treatment facilities and the distribution system, and shall include
22 all other facilities of the water system under the complete control
23 of the utility, up to the point where the customer's system begins.

24 U. Water Quality is a term used to describe the chemical,
25 physical, and biological characteristics of water in respect to
26 its suitability for a particular purpose. The same water may be
27 of good quality for one purpose or use, and bad or poor for
28 another, depending upon its characteristics and the requirements
for the particular use.

1 W. Well or Water Well means any artificial excavation
2 constructed by any method for the purpose of extracting or re-
3 charging ground water or testing or logging of stratum to obtain
4 data from the underground. This definition shall not include:
5 a) oil and gas wells, or geothermal wells constructed under
6 jurisdiction of the Department of Conservation, State of Califor-
7 nia, except those wells converted to use as water wells; b) wells
8 used for the purpose of stabilizing hillsides or earth embankments;
9 or c) shallow excavations in seepage areas used for the watering
10 of livestock.

11 X. Well Contractor means any person or company licensed
12 by the State Contractors License Law, as provided in Division 3,
13 Chapter 9, of the Business and Professions Code.

14
15 SECTION 2 - Permits, Setback Requirements and Reports

16 A. Permit: Prior to drilling, digging, boring, or
17 otherwise construction or reconstructing any well, the property
18 owner, his authorized agent, or the well contractor shall secure
19 a permit from the County Health Department. Application shall
20 be made on the form provided. Emergency repairs, as described in
21 Rule 4 of this section, may be performed without first applying
22 for a permit, however, said permit application form must be filled
23 out completely no later than the end of the Health Department
24 working day on the last working day of the week following the
25 performance of the emergency repairs.

26 B. Required setbacks. All wells shall be located no
27 closer than the indicated horizontal distances to the following:

28 ///

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28

Deep Drilled Well Shallow Well
Individual Community Individual Community

Septic Tank	50	<i>feet</i>	100	<i>feet</i>
Sewer Line (solid)	50	"	100	"
Seepage Pit	100-150	"	200-250	"
Leach Lines	100	"	200-250	
Animals or Fowl are kept			50-100	

When a septic tank is placed closer than the minimum distance indicated for a leach line or seepage pit the connection from the septic tank to the leach line or pit shall be of solid, impervious pipe with sealed, water proof joints or connection. All sewer pipes must be of approved materials.

C. Well Drillers Report. Any person who has drilled, dug, bored or deepened a well shall, within thirty (30) calendar days after completion of the work, furnish the Health Officer with a complete log of the well. The log shall contain the following information:

1. A description of the Strata encountered.
2. The depth of the well.
3. Depth of first water encountered and the depth of the water level after development of the well.
4. Depth of casing or casings including type and location of perforations.

D. Emergency Repairs. When emergency repairs include the construction of a new well or deepening of an existing deep well a copy of the log of the well will be required as in section C. All work done under emergency conditions shall comply with the requirements of this chapter.

1 provided with a double check valve on the pump discharge line to
2 effectively prevent water from the discharge line flowing into the
3 well.

4 F. Access and Air Vent Pipe. All new individual water
5 supply wells shall be provided with a pipe or other effective
6 means by which disinfectants can be introduced to the well. The
7 pipe, if provided, shall be extended to a height of twelve (12)
8 inches above the surrounding ground level and shall be kept sealed
9 and shall be provided with a threaded cap. All community water
10 wells shall be provided with an air relief vent which extends
11 from the well casing to a height of not less than twelve (12)
12 inches from the surrounding ground level. The air relief valve
13 shall terminate downward and be covered with 16 per inch or finer
14 wire mesh screen and shall be protected against the possibility
15 of contaminating material entering the vent.

16 G. Disinfection of Wells. All water supply wells drilled,
17 dug, bored, reconstructed, or repaired, before being placed into
18 service, shall be thoroughly cleaned of all foreign substances.
19 The well, the pump and all portions of equipment coming in
20 contact with well water shall be disinfected with a solution con-
21 taining at least fifty (50) parts per million available chlorine,
22 which shall remain in the well for a period of not less than
23 twenty-four (24) hours or by an equivalent method of disinfection
24 satisfactory to the Health Officer, and such procedure shall be
25 repeated as necessary to produce water meeting bacteriological
26 standards as set forth in the United States Public Health Service
27 Drinking Water Standards.

28 H. Approval by the Health Officer. No water from a new

1 or reconstructed community water well shall be used for domestic
2 purposes until the well is given final approval by the Health
3 Officer.

4 I. Pump Installation. Pumps and pump motors installed
5 directly over the casing of any well shall be provided with a
6 sanitary seal between the pump base and the casing. Installations
7 with submersible pumps or pumps offset from the casing shall have
8 a steel plate installed over the top of the casing with a water
9 tight seal between the plate and the casing and between the
10 casing and any pipes or conduits which enter the well through
11 the steel plate. No pipe or conduit shall enter the casing from
12 the side except access or air vent pipes as required by this chap-
13 ter.

14 J. Other types of Wells. The Health Officer may estab-
15 lish requirements for the construction of all wells, other than
16 water wells, (including Cathodic Protection Wells) which he deems
17 necessary for the protection of the waters of the county. All
18 such requirements shall be subject to approval of the Board of
19 Supervisors.

20 K. The Health Officer may establish requirements for
21 spring development, shallow wells, infiltration galleries, and
22 other "surface" water supplies when such requirements are deemed
23 necessary for the protection of health or the underground water
24 supply. All such requirements shall be subject to the approval
25 of the Board of Supervisors.

26
27 SECTION 4 - Destruction of Wells

28 A. Out of Service Wells. Is any well that is not being

1 used for the purpose of furnishing water but which may be used
2 at a later date. Any out of service well for which the owner
3 has declared an intent to use at a later date shall be maintained
4 by the owner in a manner in which no defects will impair the
5 quality of the water or water bearing formations. All such wells
6 shall be capped with a water tight seal and shall be marked so as
7 to be easily seen and shall otherwise meet the requirements of
8 this article.

9 B. Defective Wells. Any well which has fallen into a
10 state of disrepair which may result in the impairment of the
11 quality of the ground water or which constitutes a safety hazard
12 must be reconstructed or destroyed.

13 C. Destruction of Wells. Prior to destroying any well,
14 the interior of the casing shall be cleaned out to remove any
15 obstructions which might interfere with the installation of an
16 effective seal. The open well shall then be filled from the
17 bottom up to 6 feet below the ground surface with clay, bentonite
18 clay, neat cement or other approved material.

19 D. Capping Destroyed Wells. After filling any well a
20 hole at least one (1) foot greater in diameter than the original
21 drilled, dug, or bored hole shall be excavated around the outside
22 of the well casing to a depth of not less than three (3) feet
23 below the ground surface. The well casing shall then be cut off
24 six (6) inches above the bottom of the excavated hole. The top
25 three (3) feet of the remaining casing shall then be filled with
26 cement grout in a manner which will allow the grout to spill over
27 into the excavation and fill it to a thickness of one (1) foot.
28 The excavation shall then be filled to ground level with earth.

1 F. Uses Prohibited. No well shall at any time be used
2 for the disposal of any liquid or solid waste.

3 G. Stop Order. Whenever any well construction, destru-
4 ction, or repair work is being done contrary to the requirements
5 of this chapter, the Health Officer shall order the work stopped
6 by posting a notice to do so at the well site. No further work
7 shall be done after such notice has been posted.

8
9 SECTION 5 - Injection and Disposal Wells

10 A. Injection and disposal wells shall not be permitted.


11
12 SECTION 6- Violation

13 A. Violations of the provisions of this Ordinance shall
14 be infractions. Persons convicted of a violation of a provision
15 of this Ordinance shall be fined not more than Fifty Dollars
16 (\$50.00).


17 Mariposa County Ordinance No. 373 is hereby repealed.

18
19 PASSED AND ADOPTED by the Board of Supervisors of the
20 County of Mariposa this 15th day of April, 1975, by the
21 following vote:

22 AYES: Clark, Hurlbert, Long, Moffitt, Richardson
23 NOES: None
24 ABSENT: None
25 NOT VOTING: None

26 
27 HARRY F. HURLBERT, Chairman
28 Board of Supervisors

ATTEST:

28 
ELLEN BRONSON, County Clerk and
Ex-Officio Clerk of the Board