

Single Parcel Water System Permit Application

Single Parcel Water System (1 – 4 connections) Plan Review - \$1,604 [4617]

Required Attachments:

1. Water System Exclusive Ownership Declaration – Complete Attachment 1 (*see Application Instructions – item D.*)
2. Copy of Grant Deed (*see Application Instructions – item D.*)
3. Copy of easement if using offsite source. (*see Application Instructions – item D.*)
4. Plot Plan – Complete Attachment 2 (*see Application Instructions – item K.*)
5. Schematic Drawing – Complete Attachment 3 (*see Application Instructions – item L.*)
6. Pump specifications (*see Application Instructions – item L.*)
7. Pump Test Report (*see Application Instructions – item I.*)
8. Water Quality Chemical Analysis results (*see Application Instructions – item J.*)
9. Water Treatment Letter – included as Attachment 4 (*see Application Instructions – item J.*)

FOR OFFICE USE ONLY
Rec'd Date: _____
Rec'd By: _____
SR # _____
District # _____

APPLICANT: Property Owner Licensed Well Drilling Contractor Owner's Agent (*Authorized in writing*)

Property Owner _____ Telephone No. (_____) _____ - _____

Mailing Address: _____
 Street Number and Name City State/ Zip Code

(If applicant is other than Property Owner):

Applicant's Name _____ Phone: _____ Cell: _____ E-mail: _____ Fax: _____

Applicant's Address: _____
 Street Number and Name City State/ Zip Code

Site Location: _____
 Street Number and Name City State/ Zip Code

Assessor's Parcel Number _____ - _____ - _____

<p>1. Number of Existing Water Connections: _____</p> <p>Number of New Water Connections: _____</p> <p>Type of New Water Connection(s):</p> <p><input type="checkbox"/> Commercial Building <input type="checkbox"/> Single Family Residence</p> <p><input type="checkbox"/> Mobile Home <input type="checkbox"/> Additional Dwelling Unit</p>	<p>2. Water System Location:</p> <p><input type="checkbox"/> On Project Property</p> <p><input type="checkbox"/> Off-Site (<i>see Application Instructions – item D</i>)</p> <p>(Assessor's Parcel # _____ - _____ - _____)</p>
<p>3. Water System Source:</p> <p><input type="checkbox"/> Well <input type="checkbox"/> Horizontal Well</p> <p><input type="checkbox"/> Spring <input type="checkbox"/> Creek / Stream</p> <p>If the source is a well, please complete the attached schematic diagram. If the source is a spring, horizontal well or creek/stream, attach appropriate schematic.</p>	<p>4. Well Data:</p> <p>Date Drilled: _____</p> <p>Well Permit # _____</p>
<p>5. Other Water Source</p> <p><input type="checkbox"/> Public <input type="checkbox"/> Private <input type="checkbox"/> None</p>	<p>6. Type of Permit:</p> <p><input type="checkbox"/> Construction <input type="checkbox"/> Modification</p>
<p>7. Source Yield / Pump Test Report:</p> <p>(From test completed in last 5 years)</p> <p>Gallons Per Minute: _____</p> <p>(Attach Pump Test Report)</p>	<p>8. Water Quality Chemical Analysis:</p> <p>(From test completed in last 3 years)</p> <p><input type="checkbox"/> No Treatment required <input type="checkbox"/> Treatment required</p> <p>(Attach analysis and indicate treatment equipment on schematic. Treatment form and equipment specifications are required.)</p>

Single Parcel Water System
Exclusive Ownership Declaration

I (we) and (are) the exclusive owner(s) of Assessor's Parcel Number
____ - ____ - ____, on which the Single Parcel System proposed in this Permit
Application will be located. I (we) intend to use this water system for the purpose of sup-
plying water to _____

on this parcel and the water will be available for use only for this parcel.

A recorded copy of the Grant Deed to this parcel is attached to this Permit Applica-
tion.

(Print or type name(s))

(Signature)

(Date)

(Address)

(Daytime Telephone Number)

Single Parcel Water System Application Plot Plan

(Scale 1/4" Block = 20 ft.)

Permit #: SR0 _____

APN: _____

Please show the location and elevation of all existing and proposed domestic water system components: (i.e., well, pumps, storage tanks(s), pressure tanks(s) treatment unit(s) and distribution pipes). Show property lines, building(s), sewer lines, septic system(s), animal enclosures, easements, roads, driveways, watercourses and elevations. Please include dimensions. See step number 13 on the Application Instructions.

Prepared and signed by an approved water system designer - C-57 California water well contractor, a C-61 California pump contractor or a California registered civil engineer. Such person's licenses shall be active and in good standing with the appropriate state licensing or registration board.

Prepared by: _____
(Print Name) (Signature) (Date)

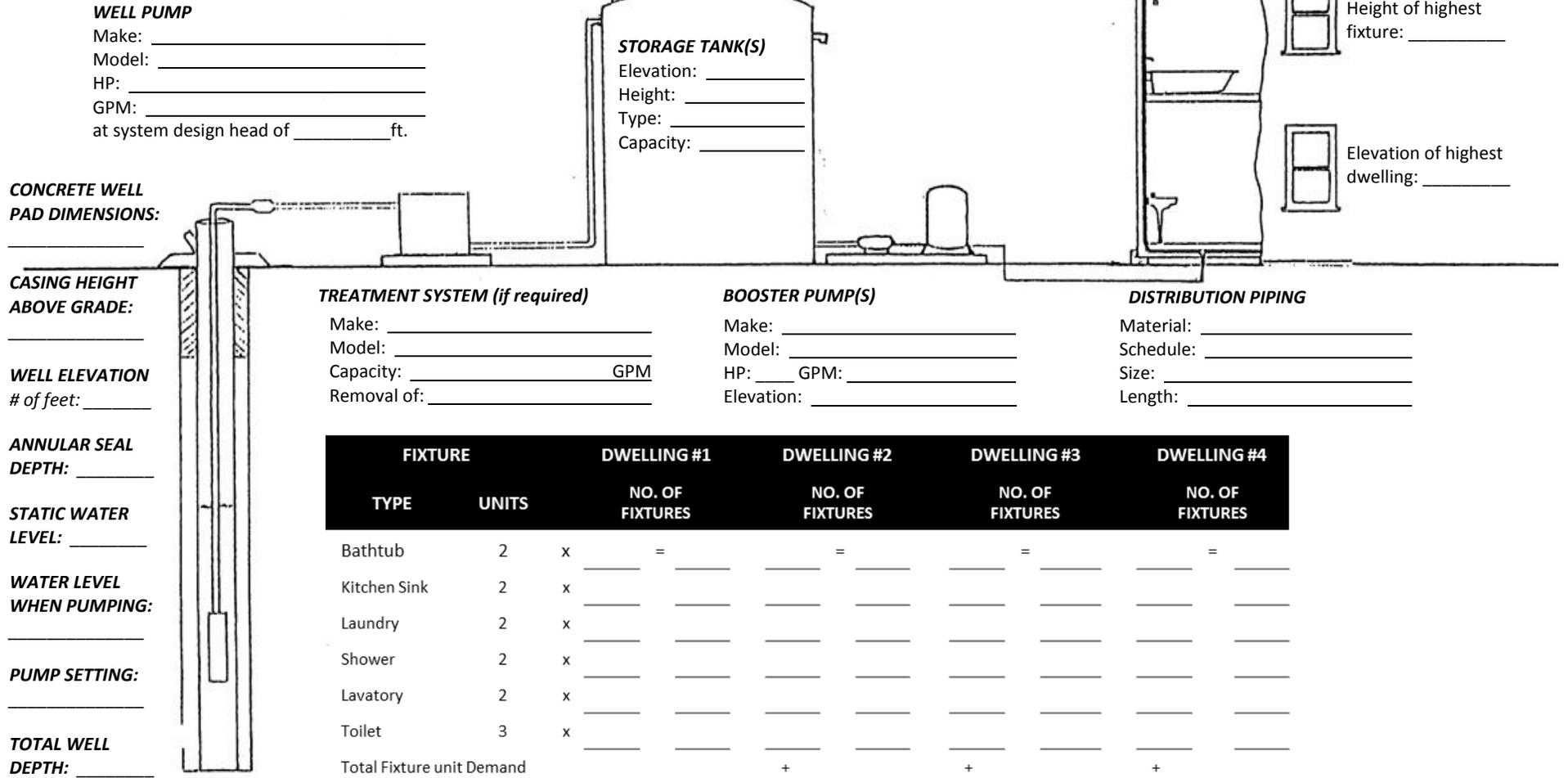
License Number: _____

Dept. Use Only: Reviewed By: _____ **Date:** _____

Schematic Diagram for a Typical Single Parcel Water System with a Well Source

Please provide the applicable dimensions and specifications in the diagram below.
 (If the system design differs from the typical, attach a similar schematic with equivalent detail.)
 *Please note single check valve shall be installed after the wellhead. A non-threaded down-turned sampling tap shall be installed between the wellhead and single check valve.

PERMIT #:



FIXTURE		DWELLING #1	DWELLING #2	DWELLING #3	DWELLING #4
TYPE	UNITS	NO. OF FIXTURES	NO. OF FIXTURES	NO. OF FIXTURES	NO. OF FIXTURES
Bathtub	2	x _____ = _____			
Kitchen Sink	2	x _____	x _____	x _____	x _____
Laundry	2	x _____	x _____	x _____	x _____
Shower	2	x _____	x _____	x _____	x _____
Lavatory	2	x _____	x _____	x _____	x _____
Toilet	3	x _____	x _____	x _____	x _____
Total Fixture unit Demand		_____ + _____	_____ + _____	_____ + _____	_____ + _____

(See Uniform Plumbing Code Chart A-3 to convert fixture unit demand to GPM) = _____ Total GPM

Note: Diagram must be prepared and signed by a Licensed Well Driller, Pump Contractor, or California Registered Civil Engineer.

Prepared by: _____ Business Name _____ License # _____ Date _____

TO: Santa Barbara County Public Health Department
Environmental Health Services

Date: _____

SUBJECT: Water Treatment Letter

(To be completed by the company providing treatment equipment)

We have reviewed the chemical analysis by _____

laboratory, _____, test number _____

(City / State)

report dated _____. To reduce the problem with _____

(List deficiency)

Treatment will be by _____ method using

equipment, which will render the water as potable in compliance with State Health Department standards.

(Print name)

(Signature)

(Date)

(Firm Name)

(Firm Address)

(To be completed by the owner)

The water source is a _____ located on Assessor's source or his au-
thorized agent and wish to construct _____ on Asses-
sor's Parcel No. _____ - _____ - _____. Further, this is a firm commitment to procure the
above-described equipment for this project.

(Print name)

(Signature)

(Date)

(Address)

(Telephone Number)

Instructions for:

Single Parcel Water System Permit Application

The following instructions, developed by Environmental Health Services (EHS), are provided to assist Single Parcel Water System (SPWS) Permit applicants complete the SPWS application and provide the required attachments necessary to comply with the provisions of the Santa Barbara County Code Chapter 34B - Domestic Water Systems. Please read these instructions carefully to ensure you provide information in sufficient detail to allow for an expeditious review of your application.

- A. Property Owner:** Please type or print the name(s), mailing address and daytime telephone number of the property owner(s).
- B. Site Location:** List the location where the development is to occur: the dwelling unit, commercial or industrial structure. (Street address, if available, and the Assessor's Parcel Number must be stated on the Application.)
- C. Number of Existing/New Water Connections:** Write in the number of existing and new water connections, residential or commercial that will be served by the water system. In addition, describe the type of new water connection(s) and mark the appropriate box(es). The primary distinction in the Ordinance between residential and commercial or industrial use is in the storage requirements.
- D. Water System Location:** Please read these instructions carefully before checking the appropriate boxes on the application.

i. Check "On Project Property" if:

The proposed Single Parcel Water System will be located exclusively on the parcel on which the proposed construction is to be performed, will be owned solely by the property owner(s) and the water system will be available for use solely for that property. Completing and signing Attachment 1 of the Permit Application, the "Exclusive Ownership Declaration," will verify proof of ownership. Please attach a recorded copy of the Grant Deed to the application.

ii. Check "Off-Site" and fill in the associated Assessor's Parcel Number if:

A portion of the proposed Single Parcel Water System, including any source, storage, treatment or distribution components of the system, is to be located on an Assessor's Parcel other than the parcel of the proposed building site. The application must be accompanied by copies of recorded deeds and ownership documentation which indicate that the Single Parcel Water System owner possesses the legal right to provide operational and maintenance activities to the water source(s), storage, and treatment and distribution components of the water system. Legal easements must be described by metes and bounds which have been surveyed and recorded (or shown on the final parcel or tract map ready for recordation). Documentation must also be submitted establishing the Single Parcel Water System owner's legal right to obtain water from the proposed source(s) in quantities sufficient to meet the minimum source yield requirements of 3 gallons per connection per minute for wells, streams and creeks, or 1½ gallons per minute for springs and horizontal wells. Documents must state that easements and water rights are covenants running with the title of the property. Please attach the recorded legal agreement to the application.

- E. Water System Source(s):** Indicate by checking the appropriate box the type of source, which is to be used for the proposed Single Parcel Water System. If the source is a well, mark the box designated as "Well" and fill in the dimensions and specifications on the "Schematic Diagram for a Typical Single Parcel Water System with a Well Source"

(Attachment 1 of the Permit Application). If the source is other than a well, mark the appropriate box and attach your own schematic drawing with equivalent detailed information.

- F. Well Data:** If a well is the proposed source for the Single Parcel Water System, indicate the date it was drilled and, if drilled since October 1975, please provide the Well Permit number (the Well Permit number allows EHS to access information which we might otherwise need the applicant to submit). Well data must include the depth of the annular seal.
- G. Other Water Source:** Check the appropriate box. If there is a public water source available to the project property in addition to the proposed water source, the installation of adequate backflow protection for the public system will be required.
- H. Type of Permit:** Check the appropriate box. "Construction" refers to the development of a new Single Parcel Water System. The addition of water service connections to an existing water system is considered new construction and not a modification. "Modification" means the alteration of a Single Parcel Water System by the addition to or deletion from the system any source, treatment, storage or distribution component. "Modification" does not mean the repair or replacement of existing approved domestic water system components or the alteration of existing domestic water systems operating prior to the effective date of the original Ordinance (July 11, 1979).
- I. Source Yield from Required Pump Test Report:** A water well source or combination of well sources must be capable of providing a minimum of 3 gallons of water per minute per connection of the Single Parcel Water System. (Please attach the yield determination/pump test to the application.)

The test pumping of a well must be at a constant rate and continuous with a minimum of hourly readings over the periods specified below:

Minimum Flow Rate (gpm)	Test Duration (hrs)
3 - 10	72
>10 - 50	24
>50	12

Water well source(s) for a Single Parcel Water System must be test pumped under the direction of a California Professional Geologist, a Certified Engineering Geologist, a Registered Civil Engineer, a Certified Hydrogeologist, a Licensed Well Drilling Contractor (C-57) or a Licensed Pump Contractor (C-61). In lieu of the 12-hour yield test, a shorter yield test may be performed for sources that produce in excess of 50 gpm if an analysis of the source yield report is provided by a California-Professional Geologist, Certified Hydrogeologist or Certified Engineering Geologist. This analysis shall include a geohydrologic evaluation of the underground water formation or basin and a finding that the production rate is characteristic of that formation or basin and can be reasonably expected to continue for the foreseeable future with the projected water system demand and use. All other pump test requirements shall apply and the duration of a yield test for a high production source shall not be less than four hours.

Upon completion of the test pumping, a report, signed by the person(s) conducting the test, must be submitted which shows hourly readings of flow rate and hourly readings of drawdown. The water level in the well during the last 4 hours of test pumping may not vary more than 1 foot. If the drawdown is greater than 1 foot during the last 4 hours of test pumping, a California Professional Geologist or a Certified Engineering Geologist shall determine long-term drawdown and reliability (using accepted engineering well yield formulas and/or time recovery data) and determine if the well can be expected to be a reliable, long-term source of water. The pump test is valid for 5 years from the date of test pumping. All applicants, particularly when the water source is of low yield, are encouraged to consult with qualified engineers or geologists concerning the long-term reliability of water sources.

- J. Water Quality Chemical Analysis:** Following completion of the source yield testing, a water sample must be collected by an approved sampler (a licensed well driller, pump contractor, certified water treatment operator, technician from a State-accredited laboratory, Registered Civil Engineer, California Professional Geologist or Certified Engineering Geologist) **for chemical analysis by a State-accredited water testing laboratory.** Special bottles for collecting the water sample(s) are available from the testing laboratories. Questions regarding sampling procedure can be directed to EHS. Please attach the test results to the application. The chemical analysis of a water sample, collected from the source by an approved sampler, will be valid for 3 years.

Local, State approved testing facilities are available at the following laboratories:

Abalone Coast Analytical 141 Suburban Road, Suite C-5 San Luis Obispo, CA 93401 (805) 545-9838 FGL Environmental 853 Corporation Street Santa Paula, CA 93050 (805) 659-0910	CAPCO Analytical Services Inc. 1536 Eastman Avenue, Suite B Ventura, CA 93003 (805) 644-1095 Midway Laboratory 315 Main Street Taft, CA 93268 (805) 765-2364	Clinical Lab of San Bernardino 516 – North 8 th Street, Suite A Lompoc, CA 93436 (805) 737-7300 Oilfield Environmental & Compliance Inc. 307 Roemer Way Santa Maria, CA 93454 (805) 922-4772
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PLEASE NOTE: This is **not** an endorsement of the companies listed, and the above list is current as of July 2019. Names and addresses of other approved testing laboratories throughout the State are available at <https://waterboards.maps.arcgis.com/apps/webappviewer/index.html?id=bd0bd8b42b1944058244337bd2a4ebfa>, please insure the lab is certified for Toxic Chemical Elements of Drinking Water and 27Inorganic Chemistry of Drinking Water testing.

Water quality chemical analyses must be performed for Primary and Secondary Drinking Water Standards: Maximum contaminant levels, as excerpted from California Domestic Water Quality Monitoring Regulations (Chapter 15 of Title 22 of the California Code of Regulations), are as follows:

PRIMARY STANDARDS Constitu- ent	Maximum Contam- inate Level (mg/l)	SECONDARY STANDARDS Con- stituent	Maximum Contami- nant Level (mg/l)
Aluminum	1.00	Aluminum	0.2
Antimony	0.006	Chloride	500.00
Arsenic	0.010	Color	15 Units
Barium	1.00	Copper	1.00
Beryllium	0.004	Corrosivity	Non Corrosive
Cadmium	0.005	Foaming Agents (MBAS)	0.50
Chromium	.05	Iron	0.30
Cyanide (Analysis is not re- quired)	0.15	Manganese	0.05
Fluoride (Level varies with tem- perature)	2.00	Odor - Threshold	3 Units
Mercury	0.002	pH	8.5 Units
Nickel	0.10	Silver	0.1
Nitrate (as N)	10.00	Sulfate	500.00
Nitrite (as N)	1.00	Specific Conductance	1,600 Micromhos
Selenium	0.05	- - - - - or - - - - - Total Dissolved Solids	- - - - - or - - - - - 1000.00
Thallium	0.002	Turbidity	5 Units
		Zinc	5.00

If the allowable levels of any of the above listed constituents are exceeded, water treatment will be required to reduce those constituents to no greater than the allowable levels. The box indicating "Treatment Required" should be checked and the schematic drawing (Attachment 3 of the Permit Application) must indicate the type of treatment unit, make, model number and capacity. Equipment specifications for the treatment unit must also be attached. There are water conditionings and treatment equipment companies in the area which can assist you in determining the water treatment unit best suited to your water system. A treatment commitment is required, signed by the property owner and a representative of the treatment equipment company. Please complete the Treatment Form (Attachment 4 of the Permit Application). Please note that aluminum has two maximum contaminant levels listed in the chart printed above. Consequently, if present in concentrations above 1.0 mg/l, it is a primary standard deficiency and will require centralized treatment. If aluminum is present in concentrations above 0.2 mg/l but less than 1.0 mg/l, then it is considered a secondary standard deficiency and point of entry treatment would be acceptable.

Point of entry treatment is acceptable for secondary constituents. Should a standard be exceeded a Notice to Property Owner may be required to be recorded prior to application approval.

K. Plot Plan - Must be prepared and signed by a Licensed Well Driller, Pump Contractor or Registered Civil Engineer:

Attachment 2 of the Permit Application is a grid on which each 1/4 inch square is equivalent to 20 feet square. It is important that this form, or a similar drawing, be completed as accurately as possible. The plot plan must show where the well (or other water source), storage tanks, booster pumps, pressure tank(s), distribution lines and treatment unit(s) will be located. Especially important are minimum distances from the water source to the following:

Animal enclosures.....	100 feet	Septic system leach lines.....	100 feet
Sewer or watertight septic tank.....	50 feet	Cesspool or seepage pit.....	150 feet

Also include distances from property lines, driveways, easements, structures, streambeds and high flood levels. When a source and/or system components are to be near a building, there must be sufficient separation to permit access to the source and/or system components for repair or maintenance, and the well must be at least 50 feet from interior sewer lines. Remember to also include your neighbor's property when figuring out distances to items indicated above.

L. Schematic Drawing - Must be prepared and signed by a Licensed Well Driller, Pump Contractor or Registered Civil Engineer:

Attachment 3 of the Permit Application is a typical schematic drawing for use when a water well is the proposed source. Details for all system components must be shown on this form and specifications for any pumps, pressure tanks or treatment equipment must be attached. Pump specifications must include pump curves. If the source is other than a well or if a system design with a well source is substantially different than the typical drawing, please attach a similar schematic diagram and provide equivalent information. When calculating fixture unit demand, multiply the number of fixtures by the fixture units. For example, the proposed residence has three toilets. Each toilet has a fixture unit designation of three. Therefore, three toilets multiplied by the fixture unit designation of three equals a fixture unit demand of nine. Write nine in the blank opposite toilet and complete this process for each fixture type and for each connection of the water system.

M. Certifications of Applicant(s): The Permit Application must be signed by the parcel owner(s), his/her agent (with written authorization) or a licensed contractor.

N. Permit Application Processing: The application must be accompanied by a non-refundable fee. When the application is considered complete by the Environmental Health Specialist (including all necessary attachments), EHS is obligated to either approve or deny the application within fifteen working days, unless the processing time is extended by written mutual agreement. The permit is not transferable unless the new property owner makes proper application and qualifies for transfer of the permit. The permit is valid for 3 years from the date of issuance.

O. Water System Inspection and Final Water Analyses: All components of the water system must be inspected by this Department. Inspection of distribution line trenches is required prior to back filling in order to assure all water pipes are of materials approved for potable water use and will be buried to a minimum depth of one foot. Storage and treatment components must conform to the information contained in the application (or to changes approved in writing). If treatment of the water is required, analysis of a sample (collected by an approved sampler and analyzed by a State approved laboratory) for the previously failed constituents must show the water quality has been improved so as to meet State potability standards. Upon completion of construction, the water system must be disinfected and flushed, according to printed instructions available from Environmental Health Services. After the disinfectant is flushed from the system, a sample will be collected for analysis by **a State-accredited water testing laboratory**, a process which takes a minimum of two days because the sample has to be cultured (grown). **Occupancy of a new home cannot be granted until inspection confirms the system has been constructed as proposed and laboratory analyses demonstrate the water meets State chemical and bacteriological standards.**

Thank you for your cooperation and attention to the details discussed above. We sincerely hope that these instructions will assist you in completing your application.