

b. How many dwellings does the well or wells being pump tested currently serve?

Provide a proposed map showing the proposed partition of the property and which well or wells will be providing water to which proposed parcel.

2. **How many gallons per minute of sustained yield do you think that the well or wells proposed for use will achieve during the pump test?** [Please discuss the expected sustained yield with your well professional.]
3. **Date the well professional would like to get the Grant or Denial of Access replies** [This date must be at least 5 weeks after the day this complete application is submitted]?
4. **Date(s) and time(s) for checking one-time static water level of each nearby property owner well** [this should be at least 3 days after the date listed for receiving the Grant or Denial of Access replies]?
5. **Date(s) and time(s) for pump test(s)**[this should be at least one day after the static water level tests]?[Click](#)
6. **Do you understand that the well testing requirements could be modified from what the code states?**

Planning Staff is required to research items under BCC 99.840(c) before notifying surrounding property owners. This section states: “In areas where inadequate water supply has been documented through well repairs, dry wells, previous hydrogeological study, or state or county designation of groundwater concern (for example a groundwater management area or limited groundwater area), Benton County may modify the testing requirements to more specifically address the evidence of inadequate supply.”

7. **Do you understand that interference identified through the pump test may require you to modify the proposed production well, relocate it, or propose enforceable water use limitations or other mechanisms to ensure the production well does not interfere with existing wells in the observation area; require you to perform additional testing or monitoring to demonstrate compliance with this requirement; or be a cause for the Planning Division to deny the land use application?**

Interference is defined as drawdown in a senior well attributable to pumping of a junior well, where the drawdown, under normal and anticipated withdrawal rates, is likely to reduce available water in the senior well below 5 gallons per minute (July 15 through October 14) or 10 gallons per minute (October 16 to July 14)]

8. **Do you understand that planning staff offers no assurances that the design of your proposed parcels, access, house location, etc. are acceptable for partition purposes and your subsequent land use application can be denied with no refund?** [Click or tap here to enter text.](#)

Partition approvability can be determined only during the partition application process when staff analyzes all the Benton County Code and seeks input from Environmental Health, Public Works/ODOT, the fire department, etc. *However, prior to a well test and prior to partition application, you may choose to determine if (and where) your soil can host a septic drainfield by applying for a septic feasibility review.*

9. **Do you understand that planning staff offers no assurances that the area of land that you want to divide is a legal property?**

If the parent parcel was not legally created, you will not be able to partition the property. You may choose to have planning staff research the area of land to determine if it meets the legal property requirement. An hourly fee is charged, with a non-refundable deposit of \$125.

10. Did you have your well tester review these answers?

11. Do you understand that the \$525 is only a deposit, and more may/will be required later?

The full amount will be invoiced after all the documentation has been received.

Items required to be submitted to the Planning Division after pump test is completed.

- All Grant or Denial of Access forms received by the pump tester’s office.
- The pump test form for the production well and any wells that were monitored during pumping of the production well
- Recovery worksheet for the production well and monitored wells
- Well logs for the production well and monitored wells
- A parcel map showing the locations of the production well and the monitored wells, include identification so that it is easy to match the pump test form to the well on the map, include the approximate distance from the production well to the monitored wells
- A map of the wells that were only tested for static water levels, include addresses of the parcels where the wells are located and a listing of the static water level of each well

Signature(s)

I hereby certify that I am the legal owners(s) or contract purchaser of the above noted property; that the information contained herein is accurate to the best of my knowledge.

Owner/Contract Purchaser Signature	Date
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Owner/Contract Purchaser Signature	Date
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For Office Use Only

Date Application Received: _____ Receipt Number: _____ By: _____

File Number Assigned: _____ Planner Assigned: _____

Date Application Deemed Complete: _____

FOR YOUR INFORMATION

Minor and Major Pump Test water quantity requirements:

If your pump test was during this time period and showed a sustained yield of this many gallons per minute...		...then you are required to install this much water storage*:
October 16 through July 14	July 15 through October 15	
5 gpm or more	5 gpm or more	None
<5 gpm** Can not submit land division application until completion of dry season testing showing a minimum of 1 gpm [^] .	3 to 4.99 gpm	500 gallons
	2 to 2.99 gpm	1000 gallons
	1 to 1.99 gpm	1500 gallons

*The required storage may be a combination of tank and well storage.

****Shared wells** must produce at least 5 gallons per minute per proposed parcel.

[^]A well producing less than 1 gpm is inadequate to serve as a water supply.

Minor Pump Test

- At least 10 days prior to the pump test, the Planning Division will send a Notice of Pump Testing to neighboring property owners and supply them with a Grant or Denial of Access form to return to the pump tester. The **observation area** for a minor pump test consists of all wells on the subject property, adjacent properties, and all wells within 100 feet of the subject property.
- The Planning Division will provide the pump tester the “**Minor Pump Test Submittal Form**” and “**Recovery Worksheet**”.
- The test must be performed no more than 12 months before the land use application is submitted.
- The test must be performed by an Oregon licensed well driller, pump installer, geologist, engineering geologist or professional engineer.

Testing process.

In the proposed production well (the well to be used to supply water to the parcels):

- Prior to pumping -- **record** the static water level.
- While the sustained yield pumping rate is being determined, it is likely the water level within the well will be reduced. **Pump for at least 4 hours at a rate that does not reduce the water level within the well** (this is called “sustained yield”). Record this rate and the water level at half-hour intervals. Use the table above to help determine if your well is adequate and how much storage is required.
- After pumping stops, **record** the recovery of water level in the well at half-hour intervals for 4 hours or until water level rebounds to 90% of the total drawdown amount, whichever comes first. (Use the “**Recovery Worksheet**” and review the completed example.)

For all other wells in the observation area:

- Prior to pumping the production well – record the static water level of **all** wells of property owners that have granted access.
- At half-hour intervals during pumping – record drawdown in **at least two wells** that have granted access and **any wells on the subject property**. After pumping stops – record recovery of water level at half-hour intervals for 4 hours or until water level returns to 90% of the total drawdown amount, whichever comes first.

Major Pump Test

- At least 10 days before the pump test, the County will send a Notice of Pump Testing to neighboring property owners:
 - within 250 feet of the subject property if the subject property is inside an urban growth boundary; these same owners will receive a Grant or Denial of Access form.
 - within 1,000 feet of the subject property if the subject property is outside an urban growth boundary; property owners within 500 feet of the subject property will also receive a Grant or Denial of Access form.
- The **observation area** for a major pump test shall consist of all wells on the subject property, adjacent properties, and all wells within 250 or 500 feet of the subject property, as applicable.
- The County will provide the pump tester the **“Major Pump Test Submittal Form”** and **“Recovery Worksheet”**.
 - The test must be performed no more than 12 months before the land use application is submitted.
 - The test must be performed by an Oregon licensed well driller, pump installer, geologist, engineering geologist or professional engineer.

Testing process.

In the proposed production well (the well to be used to supply water to the parcels):

- Prior to pumping -- **record** the static water level.
- While the sustained yield pumping rate is being determined, it is likely the water level within the well will be reduced. **Pump for at least 12 hours at a rate that does not reduce the water level within the well** (this is called “sustained yield”). **Record** this rate at half-hour intervals. Use the table on the prior page to help you determine if your well is adequate and how much storage is required.
- After pumping stops, **record** the recovery of water level in the well at half-hour intervals for 4 hours or until water level rebounds to 90% of the total drawdown amount, whichever comes first. (Use the “Recovery Worksheet” and review the completed example.)

For all other wells in the observation area:

- Prior to pumping the production well – record the static water level of **all** wells of property owners that have returned a Grant of Access form.
- At half-hour intervals during pumping – record drawdown in **at least two wells** that have granted access and **any wells on the subject property**. After pumping stops – record recovery of water level at half-hour intervals for 4 hours or until water level returns to 90% of the total drawdown amount, whichever comes first.

How to find a well log on Oregon Water Resources Department’s website:

1. Go to **oregon.gov/OWRD/**. Click on “Find a Well Report.”
2. Enter ONLY the Township, Range and Section for the property at the “Well Report Query” screen. (Enter more search criteria only if you receive too many results.)
3. Click the “Search” button.
4. To sort data within the well report query, click on a column heading. “Owner” is the owner when the well was drilled.
5. To view the image of the well log, click on the county and number under the “Well Log” column heading.
6. To print the image of the well log, select “file” and “print.”
7. If you can’t find a well log, try searching by “County” and “Owner last name” only. For more help, call Oregon Water Resources Department at 503-986-0900.