

DRINKING WATER SECTION

WELL YIELD TEST LOG

Name of Existing or Proposed PWS: _____

PWSID #: _____

Name of Well: _____

Well Drilling Contractor*: _____

CT License Number: _____

Person Conducting Yield Test: _____

Company: _____

Address of Company: _____

* In accordance with Section 19-13-B51k(b) of the RCSA, yield tests performed on newly constructed wells must be conducted by a well contractor. Section 19-13-B51b(2) defines a well contractor as “any person, firm or corporation drilling or constructing a water supply well.”

Note: The safe yield of a bedrock well is equal to 90% of the yield test pump rate at the stabilized drawdown. In accordance with Section 19-13-B51k(b) of the RCSA, test pumping for newly constructed wells shall be continuous at a constant rate for the period required, and drawdown shall be stable for the last twelve hours prior to the completion of the test (24 hours for CPCN projects). Refer to the *General Terms for Well Use Approval* document for the required yield test duration.

The following items must be measured during the yield test and recorded on the yield test log sheet:

- i. Depth at which pump was set (measured from the established ground surface).
- ii. Static water level in well before pumping (measured from the established ground surface).
- iii. Time, pump rate, and drawdown (at least hourly).
- iv. Time and water levels after pump has been shut down until well has recovered back to static water level.

The following table has been provided for use as the yield test log:

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Name of PWS: _____

Well Name: _____

Depth to Pump¹ (ft): _____

Static Water Level¹ (ft): _____

Date	Time	Elapsed Time (Hrs.;Min.)	Pumping Rate (gpm)	Water Level ¹ (feet)	Drawdown ² (feet)	Comments

¹ Measured from the established ground surface. ² Water level minus static level.

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Date	Time	Elapsed Time (Hrs.;Min.)	Pumping Rate (gpm)	Water Level ¹ (feet)	Drawdown ² (feet)	Comments