

**SOURCE TESTING REVIEW APPLICATION FOR
INTERIM GROUNDWATER WITHDRAWAL PERMIT**

Completion Instructions

Applicant shall provide the following information:

1. Town in which project is located.
2. Name of project (please notify the Water Supply Division if project name changes).
3. Source ID letter(s) from Source Application Form or Wastewater System and Potable Water Supply application and a unique source number; in sequence with existing sources, if any.
4. An ANR Well Completion Report. For Springs and Dugs wells include a sediment profile.
5. Driller's yield from Well Completion Report (well completion report), and project demand in gpm from basis of design.
6. Source construction plans and specifications including materials and dimensions.
7. Determine proposed pump test rate, interference monitoring radius and test duration from table below (8i).
8. Interference Assessment:
 - i. Specified radius, from table below, within which all water supplies and appropriate monitor wells shall be monitored.

Pump Test Rate (gpm)	Monitor Radius (feet)	Test Duration (hours)
20.0 – 49.9	2000	72
50.0 – 99.9	2500	96
100+	3000	120

Please attach the following for all sources located within the specified radius above:

- ii. owner's name, mailing address, phone.
- iii. source type, source depth, yield, pump setting, well log.
- iv. demand (e.g. # of bedrooms) see Table 1 in Water Supply Rule.
9. Proposed scope of required studies as determined by the Division. Scope to include, but not limited to:
 - i. type of study.
 - ii. locations and construction of proposed monitoring wells. (i.e. piezometers in wetlands)
 - iii. data collection procedures.
 - iv. Proposed methods of analysis, including references.

NOTE: Following the completion of all testing and studies, 2 copies of the final report shall be submitted to the Water Supply Division for review. A minimum of two geologic cross sections bisecting the sources and two groundwater contour maps (one under ambient conditions and one under maximum pumping conditions) shall be submitted to both the Vermont state geologist and the Water Supply Division. The size of the cross sections and contour maps shall conform with appendix A, part 3, subsection 3.3.5.2 of the Vermont Water Supply Rule for the area surrounding the proposed source of groundwater withdrawal.

Honorable Jim Douglas, Governor George Crombie, ANR Secretary Jeffrey Wennberg, DEC Commissioner

This (fact sheet/form/application) and related environmental information are available electronically via the internet. For information visit us through the Vermont Homepage at <http://www.vermont.gov> or visit VT WSD directly at <http://www.vermontdrinkingwater.org>

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