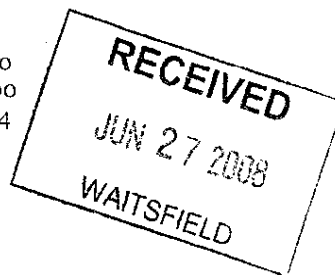


State of Vermont
Department of Environmental Conservation
Water Supply Division
The Old Pantry Building [phone] (802) 241-3400
103 South Main Street [in-state] (800) 823-6500
Waterbury, VT 05671-0403 [fax] (802) 241-3284
www.vermontdrinkingwater.org



SOURCE PERMIT
PUBLIC COMMUNITY WATER SYSTEM

PROJECT #E-1689 WSID #VT0020997 PIN #BR01-0008

PERMITTEE: Ms. Valerie Capels
ADDRESS: Town of Waitsfield
 9 Bridge Street
 Waitsfield, VT 05673

PROJECT NAME: Waitsfield Water System
TOWN LOCATION: Waitsfield

Findings and Conditions

1. Source Name(s): Well R1
2. WSD Source Number: WL001
3. This Source Permit does not grant permission to connect the source, referenced above, to the water system without first obtaining a Permit to Construct specifying such, nor does it grant permission to operate the water system without a valid Permit to Operate.
4. This Source Permit, with conditions, is granted based on a review which determined that the proposed works, if built and operated in accordance with the approved planning documents, will conform with adopted design standards and will not constitute a public health hazard or a public health risk.
5. Source Site Well Isolation Zone: Approved
 - i. Ownership/Control of the 125' isolation zone for Well R1 has been established by 6/4/08 certification from Paul Giuliani, McKee, Giuliani & Cleveland. The isolation zone was reduced due to significant clay overlying bedrock.
Condition: The Ownership/Control as described and approved shall be maintained for the duration of this Source's use as a Public water supply, or its intent for public water supply use through maintaining a valid Source Permit.
 - ii. Source site public notice was issued 6/30/05, public meeting held 8/30/05.
 - iii. Agricultural Lands Certification: Attached is the signed certification.



6. Source Water Quality Results: Approved
 - i. Inorganic Chemicals: Endyne 50289 all Below MCL;
 - ii. Volatile Organic Chemicals: Endyne 50289 all Below MCL
 - iii. Synthetic Organic Chemicals: Endyne 50289 all Below MCL
 - iv. Radionuclides: Endyne 50289 all Below MCL
 - v. Groundwater Under the Direct Influence of Surface Water determination: Exempt by application per letter dated 5/8/07.

7. Source Water Quantity: Approved for 186 gpm.
Condition: The maximum withdrawal rate shall be 186 gpm (max day) to meet a projected system demand. The well was tested at 269 gpm, with a Total Available Head of 332 feet (hydraulic base of 270 below the top of casing as the lowest measured water level during the step test and 62 feet of static above the top of casing due to artesian pressure).

8. Source Construction: Approved. Well Completion Report 35251 with 118 feet of 8 inch steel casing (and 16 and 12 inch outer casings), 385 feet deep and drillers yield of 350+ gpm, drilled on 9/8/06.

9. Source Interference: Approved. Five neighboring wells showed interference at the pumping test rate of 296 gpm. No adverse interference is expected at the permitted rate.

10. Source Protection Area (SPA) and Source Protection Plan (SPP): Approved.
 - i. SPA Public notice was issued 4/9/08
 - ii. Approved SPA map: Attached
 - iii. SPP approval was issued 6/18/07

11. The project shall be constructed, completed, maintained, and operated in accordance with the approved plans and specifications and in accordance with the conditions of this permit. No changes shall be made in the project without the written approval of the Department of Environmental Conservation.

12. By acceptance of this permit, the permittee agrees to allow representatives of the State of Vermont access to the project, at reasonable times, for the purpose of ascertaining compliance with Vermont environmental laws and this permit.

13. This Source Permit is valid for a period of two (2) years if the source is not connected to the public water system. If the source is not connected within this time period this permit may be amended at the discretion of the Secretary to be valid for another two (2) years upon receiving written application and applicable amendment fee within 6 months prior to this permit's expiration date. Once the source is connected to the water system it shall then remain a permitted component of the water system's infrastructure and shall be referenced in the subsequent Permit to Operate.

14. The conditions of this permit shall run with the land and be binding upon, and enforceable against, the permittee and all assigns and successors in interest. The

permittee shall be responsible for recording this permit in the municipal land records within thirty (30) days of issuance of this permit, and prior to the conveyance of any land associated with this permit.

Appeals

Pursuant to 10 V.S.A. Chapter 220, any appeal of this decision must be filed with the clerk of the Environmental Court within 30 days of the date of the decision. The appellant must attach to the Notice of Appeal the entry fee of \$225.00 payable to the State of Vermont.

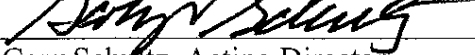
The Notice of Appeal must specify the parties taking the appeal and the statutory provision under which each party claims party status; must designate the act or decision appealed from; must name the Environmental Court; and must be signed by the appellant or their attorney. In addition, the appeal must give the address or location and description of the property, project or facility with which the appeal is concerned and the name of the applicant or any permit involved in the appeal.

The appellant must also serve a copy of the Notice of Appeal in accordance with Rule 5(b)(4)(B) of the Vermont Rules for Environmental Court Proceedings.

For further information, see the Vermont Rules for Environmental Court Proceedings, available on-line at www.vermontjudiciary.org. The address for the Environmental Court is 2418 Airport Road, Suite 1, Barre, VT 05641 (Tel. #802-828-1660).

Signed at Waterbury, VT this 24 day of JUNE, 20 .

Laura Q. Pelosi, Commissioner
Department of Environmental Conservation

By 
Gary Schultz, Acting Director
Water Supply Division

Enclosure: Source Protection Area map with source location and agricultural certification

cc: John Kiernan, P.E. Phelps Engineering.
Meddie Perry, Pioneer Environmental Associates
Paul Gillies, Tarrant, Marks & Gillies
Richard W. Darby, Darby Steam Thorndike Kolter & Ware, LLP
David Dion, P.O. Box 602, Waitsfield, VT 05673
Don Wernecke, Regional Engineer, WWMD
Scott Stewart, WSD
Rodney Pingree, WSD
Eric Blatt, WSD
Permit File
PID # E-1689
WSID File # VT0020997

**CERTIFICATION of WATER SOURCE
LIKELY AFFECTED by AGRICULTURAL LANDS**

Source Name: Well R1 ; Source #: W4001
(Assigned from WSD database)

For: Town of Waitsfield ; WSID #: 20997
(Public Water System Name)

Vermont Statute, 10 V.S.A., Chapter 56, Section 1676a, requires that the applicant for a new source for a public water system certify in the permit that the proposed source will be abandoned, replaced or treated if it becomes contaminated by agricultural activities conducted on agricultural lands.

Based upon findings by the Secretary, there are agricultural lands in the area which are likely to affect the proposed source, but not likely to constitute a public health hazard related to such source.

I hereby certify that the proposed source will be *abandoned, **replaced, or ***treated if it becomes contaminated by agricultural activities conducted on the agricultural lands.

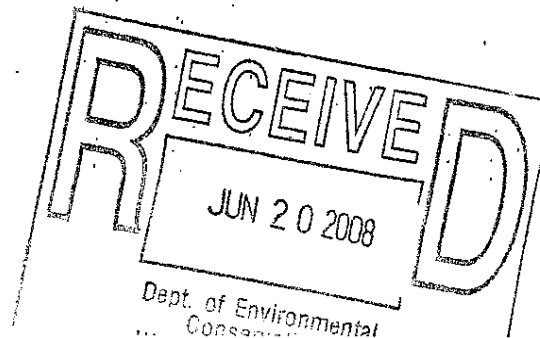
Valerie Capels
Signature of Source Permit Applicant

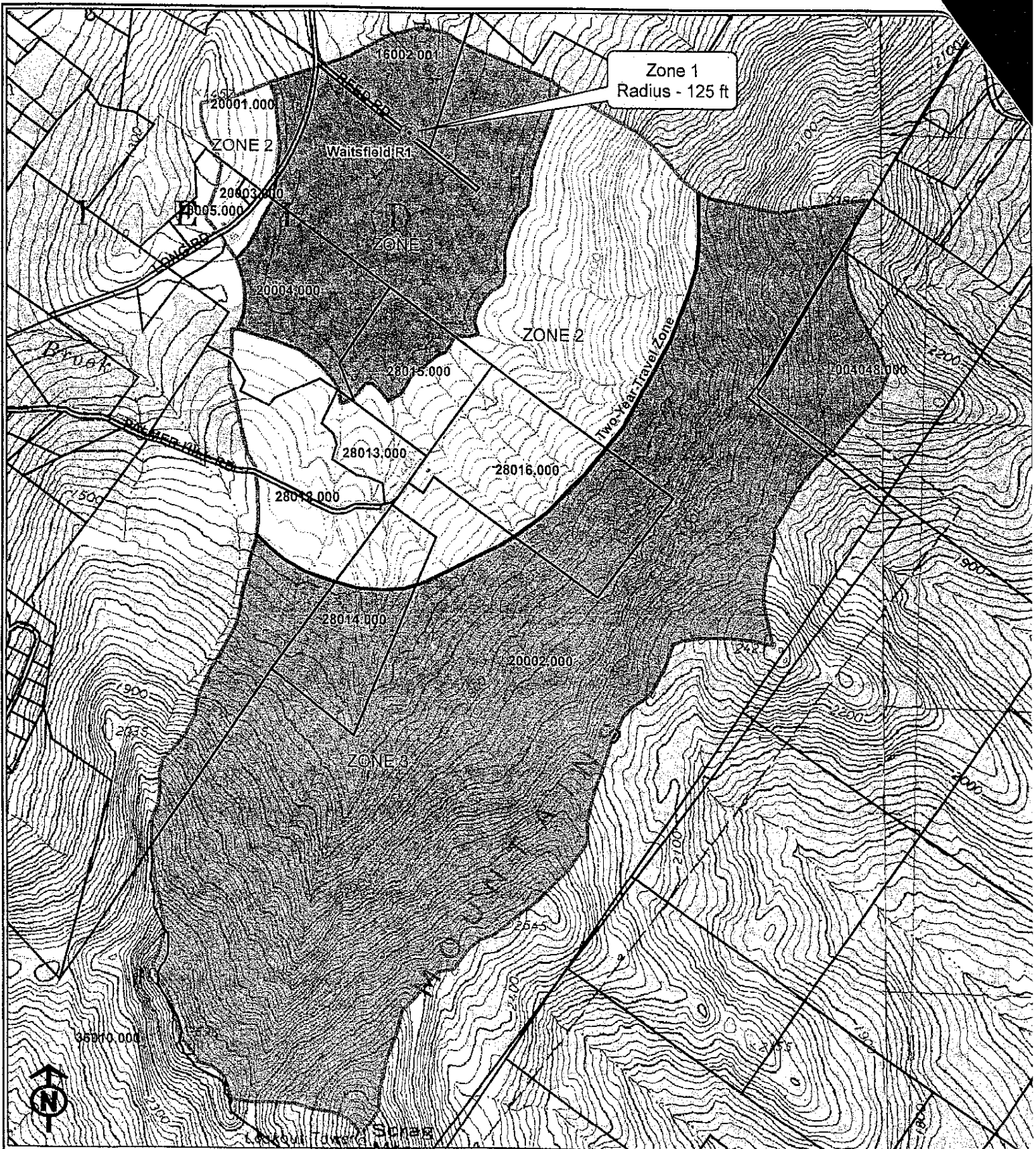
06/20/08
Date

Valerie Capels
Print Name of Applicant

*Abandoning the source requires discontinuing its use as a drinking water source, disconnecting it from the public water system, and if it is a drilled well, closure by a licensed well driller through being filled with grout or native material per the Water Supply Rule, Chapter 21. **Replacing the source requires the use of an alternative water source that is permitted by the Water Supply Division. ***Treating the source requires that all applicable water quality standards as outlined in the Water Supply Rule, Chapter 21 are continually met using a permitted treatment system.

Permits/sourcecert.doc 8/22/00



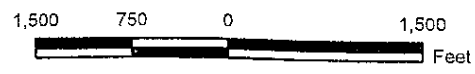


Zone 1
Radius - 125 ft

Legend

- Production Well Location
- Zone 1 of SPA
- Zone 2 of SPA
- Zone 3 of SPA
- Two-Year Travel Zone
- Parcel Boundary

**Waitfield Water Supply
Waitfield, Vermont
Proposed Wellhead Protection Area**
March 7, 2007



Sources: Background - USGS Topographic Quadrangle, Waitfield and Northfield (1983); Roads downloaded from e911 roads and VCGI (2004); Well provided by PEA using Trimble GPS (2006); Parcel boundaries provided by Washington County Regional Planning Commission (2006); SPA and travel zone digitized by PEA (2007).



PIONEER ENVIRONMENTAL ASSOCIATES, LLC.
CONSULTING SCIENTISTS

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