

RICHARD FISHER  
84 NO. VILLAGE RD  
WARNER NH 03278  
PH. 4563895

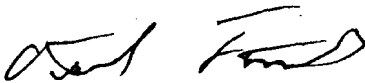
June 15, 2009

**CONCERNS AND COMPLAINTS ON MY WATER WELL**

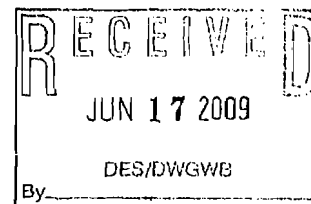
1. Is my water well legal? A friend of mine who's a developer was looking at where my well is located and said that my lot is a conforming lot and there is no choice by law they had to put in a conforming well. James that works for the Precinct said the same thing to me.
2. When the water line was backfilled it was not compacted near the house and now I have a large sink hole, I put a lot of time and out of pocket money in finishing my yard and now it a mess.
3. I have a very expensive Persian rug in my bedroom and a tool bag that was covered with oil was set down on the rug and left a big oil stain.

I will be contacting the Water Well Board regarding these complaints.

Sincerely,



Richard Fisher



## Site Visit Report

**Subject:** Fisher Complaint

**Location:** 84 N. Village Road  
Warner, NH 03278

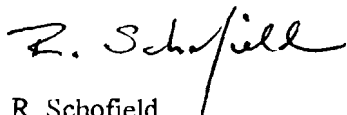
On June 17, 2009 DES conducted a site visit and inspection of a new well constructed by Contoocook Artesian Well Company ("Contoocook Well") at the above address. The inspection was conducted in response to a consumer complaint filed by the property owner, Richard Fisher, against Contoocook Well. Mr. Fisher complains that the well was constructed in a non-conforming location and his property is large enough to accommodate a well which meets all applicable setbacks. Rules adopted by the NH Water Well Board require wells to be a minimum of 75 feet from septic systems and 75 feet from property boundaries, respectively, in accordance with We 602.05(b), (c), and (d).

The well is located in the back of the property approximately 100 feet (not measured) behind the home. Measured distances from the well to the side boundaries were 35 feet to the southwest property line and 142 feet to the northeast property line. The total property width at the location measured being approximately 177 feet. Therefore, it would be possible to locate a well in the middle of the property, which would be at least 75 feet from the southwest and northeast property boundaries. The existing septic system is located on the northeast side of the residence and is a grandfathered system according to Mr. Fisher. Mr. Fisher was also concerned that the well was less than 75 feet from the abutter's septic system on the southwest side of the property and that the first two water quality tests failed for coliform bacteria as a result. The actual measured separation distance was 103 feet.

The failed water quality tests may be a result of the dog kennel which is attached to the home and the proximity of the water service trench which was dug along the side of the kennel. Adequate disinfection of the well and water service pipe will hopefully resolve this problem.

Two previous locations for the well had been proposed, but were rejected by the property owner; one in the front of the property which was in the immediate vicinity of the drive way and one behind the barn in the immediate vicinity of the garden. The third and final location was accepted by the property owner and Mr. Fisher signed a non-conforming location form. However, at a later date Mr. Fisher was informed by others that his property is large enough to accommodate a well which meets all applicable setbacks.

Following a visual inspection of the property and consideration that at some point in time Mr. Fisher, or a future owner, may have to install a new septic system for the home, I suggested to Mr. Fisher that he hire a licensed septic system designer to determine where a future system should be placed. The most logical location for a septic system appears to be directly behind the home on the northeast side of the property. Evaluating these site conditions, a well placed in the center of the lot would meet all required setbacks, pursuant to We 602.05(b), (c), and (d), however, would likely preclude the installation of a future septic system in that area.



R. Schofield  
Water Well Program Manager

**DES Finding on Richard Fisher Complaint v. Contoocook Artesian Well Company**

**Background Information**

Staff conducted follow-up telephone conversations with Wally Coran, Contoocook Artesian Well Company, and Lynn Perkins, Commissioner Warner Village Precinct. Commissioner Perkins and Wally Coran sited the well. Mr. Fisher was there initially but was not present when the third site was chosen. The first two sites were rejected by Mr. Fisher. Mr. Fisher agreed with the third location and signed the Non-conforming Well Location Form. According to statements made by Commissioner Perkins and Mr. Coran, there was discussion about the possibility of a future septic system going on the other side of the property. The well was sited with this possibility in mind.

Richard de Seve, DES- Subsurface Systems Bureau confirmed that the Fisher property has no state approved septic system and the residence pre-dates the program.

The well completion report indicates that the depth to bedrock was 78 feet and 123 feet of casing was installed and grouted.

**DES Action**

The Department took no action on this matter in consideration of the following findings:

- 1) The existing septic system is a grandfathered system;
- 2) Contoocook Artesian Well Company used proper judgment in considering the site conditions including the location of the existing septic system, the likelihood that a future septic system will be located on the property, and the setback to the southwest property line;
- 3) Extra casing was set into bedrock;
- 4) The casing was grouted; and
- 5) A Non-conforming Well Location Form was signed and filed with the Board.



State of New Hampshire  
**WATER WELL BOARD**



Jeffrey M. Tasker, M.G.W.C., *Water Well Contractor, Chairman*  
Peter W. Caswell, C.W.D. - P.I., *Water Well Contractor*  
Stephen R. Smith, *Pump Installer*

Thomas A. Garside, *Technical Driller*  
Rene Pelletier, P.G., *Dept. of Environmental Services*  
David R. Wunsch, Ph.D., P.G., *State Geologist*  
Richard P. Schofield, P.G., *Staff*

August 12, 2009

Rick Patenaude  
Contoocook Artesian Well Co Inc  
POB 2036  
Henniker, NH 03242

Dear Mr. Patenaude:

At it's meeting on August 6, 2009 the New Hampshire Water Well Board ("Board") considered the complaint of Richard Fisher against your company. Both parties attended the meeting.

Mr. Fisher explained that his property is large enough to accommodate a well that meets all applicable setbacks and his well could have been constructed in a code compliant location.

The Board agreed that wells should be located in accordance with applicable setback requirements unless the size of the lot, or other physical constraints listed on the non-conforming well location form prohibit access for the drilling equipment. The Board also found that Contoocook Artesian Well Company, Inc., applied appropriate construction methods to protect the well against potential contamination including, installing a total of 123 feet of casing, installing 44 feet of casing into bedrock, and grouting the casing. These additional protective construction methods are accepted industry standards designed to protect public health. Finally, in its current location the well should allow room in the back of the property for an approved septic system in the future.

If you have any questions, please call Rick Schofield at 271-1974.

Very truly yours,

Rene Pelletier  
Secretary

Certified Mail  
cc. Board members  
Sarah Pillsbury, Administrator, DWGB

**P.O. Box 95, 29 Hazen Drive, Concord, New Hampshire 03302-0095**  
: (603) 271-2513 • Fax: (603) 271-5171 • TDD Access: Relay NH 1-800-735-2964  
Web site: [www.des.nh.gov/www](http://www.des.nh.gov/www)



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David R. Wunsch, Ph.D., P.G., *State Geologist*  
Richard P. Schofield, P.G., *Staff*

August 12, 2009

Richard Fisher  
84 North Village Road  
Warner NH 03278

Dear Mr. Fisher:

At it's meeting on August 6, 2009 the New Hampshire Water Well Board ("Board") considered your complaint against Contoocook Artesian Well Company, Inc.

You explained that your property is large enough to accommodate a well that meets all applicable setbacks and your well could have been constructed in a code compliant location.

The Board agreed that wells should be located in accordance with applicable setback requirements unless the size of the lot, or other physical constraints listed on the non-conforming well location form prohibit access for the drilling equipment. The Board also found that Contoocook Artesian Well Company, Inc., applied appropriate construction methods to protect the well against potential contamination including, installing a total of 123 feet of casing, installing 44 feet of casing into bedrock, and grouting the casing. These additional protective construction methods are accepted industry standards designed to protect public health. Finally, in its current location the well should allow room in the back of the property for an approved septic system in the future.

If you have any questions, please call Rick Schofield at 271-1974.

Very truly yours,

Rene Pelletier  
Secretary

cc. Board members  
Sarah Pillsbury, Administrator, DWGB

243.0473

Well Number

(FOR DRILLER'S USE)

This report must be submitted to the NH  
Water Well Board no later than 90 days

After the completion of the well.

State of New Hampshire  
Water Well Board  
PO Box 2008  
Concord NH 03301**Well Completion Report**

See Special Notes on Back

Staff Use Only

ID# \_\_\_\_\_ Elev \_\_\_\_\_  
Quad \_\_\_\_\_  
25,000 24,000  
Latitude \_\_\_\_\_  
Longitude \_\_\_\_\_  
GPS: Auton Corr1. **Well Owner and or Home Owner:** Warner Village Water District

Building Contractor:

2. **Location of Well:** Town: WarnerAddress: 84 North Village Rd.

Subdivision Name:

Subdivision Lot No.:

Town Tax Map and Lot No: Map No.: 10Lot No.: 6

Latitude 43° 16 ' 605"

GPS Manufacturer: X Garmin Magellan

Longitude 071° 49 ' 632"

Please report coordinates in: Map Datum: WGS 84 Position

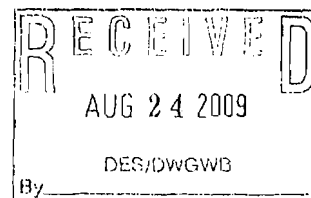
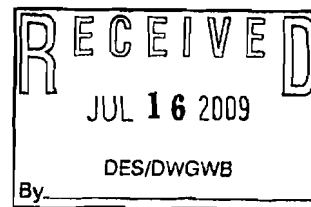
Format: hdd mm.mmm

3. **Non-Conforming Well Location Form Required** X Yes \_\_\_ No4. **Date Well Was Completed:** 5/19/20095. **Proposed Use of Well:** X Residential \_\_\_ Monitoring Well \_\_\_ Other (Explain)6. **Reason for Constructing Well:** X Replace Supply \_\_\_ Replace Existing Supply \_\_\_ Other \_\_\_\_\_7. **Type of Well:** X Drilled in Bedrock \_\_\_ Drilled in Gravel \_\_\_ Dug \_\_\_ Driven Point \_\_\_ Wash Well \_\_\_ Other \_\_\_\_\_8. **Total Depth of Well:** 500 feet below land surface.9. **Depth to Bedrock:** 78 feet below land surface.10. **Casing Details:** Length: 123 ft. Dia 6.5 in. Material: Steel Wt. 17lb./ft.11. **Method(s) of Sealing Casing to Bedrock:** X Drive Shoe X Drillings \_\_\_ XGrout \_\_\_ Other \_\_\_\_\_12. **Measured Yield:** Bailed Pumped X Compressed Air, for 1/2 Hour at 4 GPM13. **Static Water Level:** 30 feet below land surface. Date Measured: 5/20/200914. **Water Analysis:** Has the water been analyzed? \_\_\_ Yes \_\_\_ No If yes, where \_15. **Well Log:**

Depth in Ft. from:	To:	Water Bearing	Formation Description					Type
Ground Surface	<u>78</u>		Sand	Gravel	Till	<u>X</u> Clay/Silt	Bedrock	
<u>78</u>	<u>500</u>		Sand	Gravel	Till	Clay/Silt	<u>X</u> Bedrock	
			Sand	Gravel	Till	Clay/Silt	Bedrock	
			Sand	Gravel	Till	Clay/Silt	Bedrock	
			Sand	Gravel	Till	Clay/Silt	Bedrock	
			Sand	Gravel	Till	Clay/Silt	Bedrock	

16. **Yield Log:** If the yield was tested at different depths during drilling, list below

Feet	GPM



Well Number

(FOR DRILLER'S USE)

This report must be submitted to the NH  
Water Well Board no later than 90 days  
After the completion of the well.

State of New Hampshire  
Water Well Board  
PO Box 2008  
Concord NH 03301

**Well Completion Report**  
See Special Notes on Back

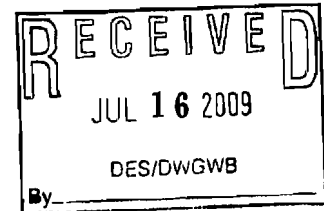
Staff Use Only

ID# \_\_\_\_\_ Elev \_\_\_\_\_  
Quad \_\_\_\_\_  
25,000 24,000  
Latitude \_\_\_\_\_  
Longitude \_\_\_\_\_  
GPS: Auton Corr

**17. Additional Well Development Methods Used:**

**Hydro-Fracturing Information:** \_\_\_\_\_ Standard Zone No. of Settings

Packer Settings (Ft)	First Set 0	Second Set 0	Additional if any 0
High Pressure (PSI)	0	0	0
Low Pressure (PSI)	0	0	0



**Surging Depths:** First Set \_\_\_\_\_ Second Set \_\_\_\_\_ Additional if any \_\_\_\_\_

**Other Methods** (Explain) \_\_\_\_\_

**18. Measured Yield After Development** \_\_\_\_\_ GPM Before Development \_\_\_\_\_ GPM

**19. Additional Well Seals Installed Inside of Well:**

\_\_\_\_Jaswell \_\_\_\_Shale Packer Depth Setting 0 feet below land surface

\_\_\_\_Other (explain) \_\_\_\_\_

Drop Pipe Used \_\_\_\_Steel \_\_\_\_PVC \_\_\_\_Grouted between Liner and Outer Casing

**20. Screen Details:** Make & Type \_\_\_\_\_ Material \_\_\_\_\_ Length \_\_\_\_\_ ft

Diameter \_\_\_\_\_ in Slot Size \_\_\_\_\_ Depth to top of screen from land surface \_\_\_\_\_ ft

Gravel Pack, if used: Gravel Size or Type \_\_\_\_\_

21. A water well contractor must provide a drawing indicating the position of each well, if more than one well is located within the lot, relative to significant permanent man-made features. Provide this information in the space below, or as an attachment to this form.  
Additional information attached:

22. Additional information attached: \_\_\_\_Yes \_\_\_\_No

23. Please attach results of drawdown test if performed

24. Please provide any additional or unusual information about the well in the space below as an attachment to this form.

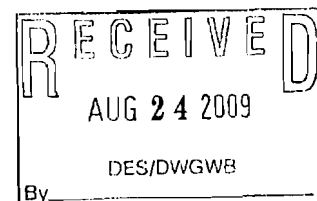
Doing Business as Contoocook Artesian Well  
Report Filed by

*Rose Paternich*  
R.P.

**Date of Report:** July 15, 2009

**License No. 1**

**Mud**





State of New Hampshire  
Water Well Board

PO Box 95  
Concord, NH 03302-0095

RECEIVED

JUL 16 2009



NON-CONFORMING WELL LOCATION FORM

Required under We 602.05(i)  
Please Attach Copy to Well Completion Report

By \_\_\_\_\_

Property Owner DICK FISHER 84 N. VILLAGE RD WARREN NH  
Water Well Contractor \_\_\_\_\_  
Location of Well 84 N. Village Rd Warren  
Subdivision Name \_\_\_\_\_ Subdivision Lot # \_\_\_\_\_  
Town Tax Map and Parcel #: Map # 10 Parcel # 6  
Well Number \_\_\_\_\_ Latitude 43° 16' 60.5" Longitude 071° 04' 63.2"

REASON FOR NON-CONFORMING LOCATION

(Check appropriate box)

- ☒ The property size is not sufficient to allow for the required setback;  
☐ Sufficient setbacks from other potential sources of contamination cannot be met;  
☐ Excessive slopes prohibit access;  
☐ The location of permanent structures would result in unreasonable impacts or damage to the structures;  
☐ The location of lakes, ponds, streams or wetlands prohibits meeting the required setbacks;  
☐ The presence of bedrock at or within four vertical feet of the surface would result in unreasonable offset trenching requirements; or  
☐ Other (Explain) \_\_\_\_\_

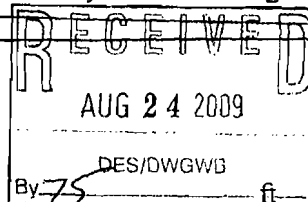
SPECIAL METHODS OF CONSTRUCTION

Required under We 602.05(j)

- ☒ Extra casing installed into bedrock: Casing depth 123' Depth to bedrock 78'  
☒ Casing annulus grouted with bentonite grout; Other grout \_\_\_\_\_  
☐ Additional well seals:  
☐ Jawsell type; Depth setting \_\_\_\_\_ feet below land surface; ☐ Annulus grouted  
☐ Shale packer; Depth setting \_\_\_\_\_ feet below land surface; ☐ Annulus grouted  
☐ Other (Explain) \_\_\_\_\_

SETBACK DISTANCES

Setback to on-site septic system leach field 75' ft; Septic tank \_\_\_\_\_ ft  
Setback to off-site septic system leach field 75' ft; Septic tank 75' ft  
Setback to property line(s) 35' ft  
Setback to other potential observed source(s) of contamination \_\_\_\_\_ ft



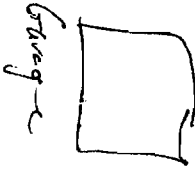
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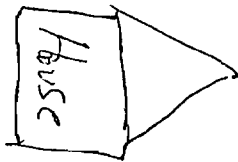
Property line

SS

well



Garage

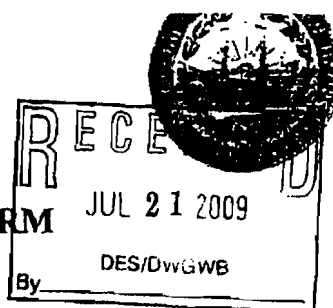


H. Village



# State of New Hampshire Water Well Board

PO Box 95  
Concord, NH 03302-0095



## NON-CONFORMING WELL LOCATION FORM

Required under We 602.05(i)  
Please Attach Copy to Well Completion Report

Property Owner PETER S. JAMES 69 NO. VILLAGE ROAD, WARREN 03278  
Permanent Mailing Address  
Water Well Contractor \_\_\_\_\_  
Location of Well 69 North Village Rd \_\_\_\_\_  
Street Address City/Town  
Subdivision Name \_\_\_\_\_ Subdivision Lot # \_\_\_\_\_  
Town Tax Map and Parcel #: Map # 10 Parcel # 3  
Well Number \_\_\_\_\_ Latitude 0 Longitude 0

### REASON FOR NON-CONFORMING LOCATION

(Check appropriate box)

- ☒ The property size is not sufficient to allow for the required setback;  
☐ Sufficient setbacks from other potential sources of contamination cannot be met;  
☐ Excessive slopes prohibit access;  
☐ The location of permanent structures would result in unreasonable impacts or damage to the structures;  
☐ The location of lakes, ponds, streams or wetlands prohibits meeting the required setbacks;  
☐ The presence of bedrock at or within four vertical feet of the surface would result in unreasonable offset trenching requirements; or  
☐ Other (Explain) \_\_\_\_\_

### SPECIAL METHODS OF CONSTRUCTION

Required under We 602.05(j)

- ☒ Extra casing installed into bedrock: Casing depth 125' Depth to bedrock 82'  
☒ Casing annulus grouted with bentonite grout; Other grout \_\_\_\_\_  
☐ Additional well seals:  
☐ Jaswell type; Depth setting \_\_\_\_\_ feet below land surface; ☐ Annulus grouted  
☐ Shale packer; Depth setting \_\_\_\_\_ feet below land surface; ☐ Annulus grouted  
☐ Other (Explain) \_\_\_\_\_

### SETBACK DISTANCES

Setback to on-site septic system leach field 75 ft; Septic tank 65 ft  
 Setback to off-site septic system leach field 75 ft; Septic tank 75 ft  
 Setback to property line(s) 65 ft  
 Setback to other potential observed source(s) of contamination \_\_\_\_\_ ft

*ST/Re*

Field

tank

House

well

Brook

property line 65'

N. V. Hage Rd



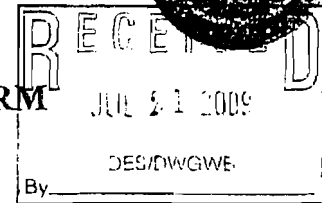
State of New Hampshire  
Water Well Board

PO Box 95  
Concord, NH 03302-0095



NON-CONFORMING WELL LOCATION FORM

Required under We 602.05(i)  
Please Attach Copy to Well Completion Report



Property Owner Debra Buckley  
Water Well Contractor \_\_\_\_\_  
Location of Well 92 North Village Rd Laconia, NH  
Subdivision Name \_\_\_\_\_ Subdivision Lot # \_\_\_\_\_  
Town Tax Map and Parcel #: Map # 10 Parcel # 7  
Well Number \_\_\_\_\_ Latitude \_\_\_\_\_ Longitude \_\_\_\_\_

REASON FOR NON-CONFORMING LOCATION

(Check appropriate box)

- ☒ The property size is not sufficient to allow for the required setback;  
☐ Sufficient setbacks from other potential sources of contamination cannot be met;  
☐ Excessive slopes prohibit access;  
☐ The location of permanent structures would result in unreasonable impacts or damage to the structures;  
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☐ The presence of bedrock at or within four vertical feet of the surface would result in unreasonable offset trenching requirements; or  
☐ Other (Explain) \_\_\_\_\_

SPECIAL METHODS OF CONSTRUCTION

Required under We 602.05(j)

- ☒ Extra casing installed into bedrock: Casing depth 124' Depth to bedrock 82'  
☒ Casing annulus grouted with bentonite grout; Other grout \_\_\_\_\_  
☐ Additional well seals:  
☐ Jaswell type; Depth setting \_\_\_\_\_ feet below land surface; ☐ Annulus grouted  
☐ Shale packer; Depth setting \_\_\_\_\_ feet below land surface; ☐ Annulus grouted  
☐ Other (Explain) \_\_\_\_\_

SETBACK DISTANCES

Setback to on-site septic system leach field 75 ft; Septic tank 75 ft  
Setback to off-site septic system leach field 75+ ft; Septic tank 75+ ft  
Setback to property line(s) 34' and 40' ft  
Setback to other potential observed source(s) of contamination \_\_\_\_\_ ft

100 R 66

