

Summary of Proctor Water Abandonees' Meeting February 22, 2012

Meeting Convenes 6:30 p.m., with approximately 40 people in attendance, including reporters from Rutland Herald and Brandon Reporter.

Pittsford Town Manager John Haverstock made welcoming remarks and turned meeting over to Paul Darby.

Paul Darby briefly recapped the history of the Proctor Water decision to abandon its out-of-town customers in December, 2012. He then discussed the process by which his Committee sought bids from several well-drilling firms. Two chose not to bid. Parker Wells did bid, as did Gus Breault, Jr., whose bid was deemed the best. Paul Darby then turned the floor over to Mr. Breault.

Mr. Breault handed out information packets of information (copies in electronic form are attached hereto and in hard-copy at Pittsford Town Manager's office) describing bulk-pricing for this project. Customer costs will depend on the number of customers who sign up (deadline of Friday, March 16), the well depth on a particular lot, and its distance from the house being served. There was extended discussion of whether a permit will be needed for each job or whether an exemption is available. Breault will handle preparation of any exemption forms for customers. Those with property presenting setback issues may have to pay for extra casing.

Mr. Breault plans to bring in extra equipment and drill 3-4 wells per week in order to expedite this project and then, once all wells are drilled, dig trenching to the houses. No down-payments are required. Customers will simply be asked to pay for the well once it is drilled and then to pay for the connection to the house once that work is done. His work and quoted price is all-inclusive (labor, materials, electrical work)—a turn-key operation, so to speak.

Mr. Breault encouraged customers to sign up ASAP through Paul Darby. Mr. Breault will make site visits, on request, with all those wishing them in advance of drilling. Customers may call on him directly to schedule site visits.

[Hank Pelkey and Paul Darby said that it is unknown at present when and how Proctor will allocate the \$250,000 set-aside to assist its customers being abandoned. This may soon be determined in the pending Court case].

Contact Info:

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Date: 2/22/2012
Atten: Pittsford Water Residents
Regards: Pittsford Water Well Drilling Project

The following is a comprehensive layout of the costs involved in the drilling of new wells in the Pittsford area for the residents that will be affected by the abandonment of the Proctor waterline

The cost for drilling of the wells is as followed:

GROUP RATE OF 1 -20 WELLS:
\$10.00 PER FOOT DRILLING
\$15.00 PER FOOT CASING
\$500.00 DRIVESHOE, WELL CAP AND GROUT

GROUP RATE OF 21-50 WELLS:
\$9.00 PER FOOT DRILLING
\$15.00 PER FOOT CASING
\$500.00 DRIVESHOE, WELL CAP AND GROUT

The cost for the Complete Pump Installation, which is water running into the house, are as followed:

	<u>1 to 20</u>	<u>21 to 30</u>	<u>31 to 50</u>
100'	\$2,000.00	\$1,800.00	\$1,600.00
200'	\$2,200.00	\$2,000.00	\$1,800.00
300'	\$2,400.00	\$2,200.00	\$2,000.00
400'	\$2,800.00	\$2,600.00	\$2,400.00
500'	\$3,200.00	\$3,000.00	\$2,800.00
600'	\$3,400.00	\$3,200.00	\$3,000.00

The following are examples of estimated costs for different well depth scenario's:

100' Well, with 100' of Casing, Driveshoe, Well Cap, Grout and Complete Pump Installation*:

	<u>1 to 20</u>	<u>21 to 30</u>	<u>31 to 50</u>
	\$5,000.00	\$4,700.00	\$4,500.00

300' Well, with 100' of Casing, Driveshoe, Well Cap, Grout and Complete Pump Installation*:

	<u>1 to 20</u>	<u>21 to 30</u>	<u>31 to 50</u>
	\$7,400.00	\$6,900.00	\$6,700.00

500' Well, with 100' of Casing, Driveshoe, Well Cap, Grout and Complete Pump Installation*:

<u>1 to 20</u>	<u>21 to 30</u>	<u>31 to 50</u>
<u>\$10,200.00</u>	<u>\$9,500.00</u>	<u>\$9,300.00</u>

*The cost for the excavation from the well to the house will be \$4.00 Per Foot in addition to the above. If we encounter any unforeseen issues, such as ledge or major boulders, the price may vary to compensate for this.

Thank you for the opportunity to bid on these projects, and I look forward to hearing from you.

Thank You,
Gus Breault, III

February 21, 2012

Gus Breault
Gus Breault, Jr. Well Drilling
118 Stalker Road
Whitehall, NY 12887

Re: allowable drilling methods under the Vermont Water Supply Rules for replacement of "non-public" wells.

Dear Mr. Breault:

You have asked whether concentric drilling methods are allowed under the well construction standards of the Vermont Water Supply Rules (Rules) when drilling wells for Potable Water Supplies (all wells except those that serve a Public Water Supply, as that term is defined in Vermont and Federal law). You have asked this question due to a potential job in Vermont drilling replacement wells for a number of individuals in the Towns of Pittsford and Chittenden.

Your first question relates to drilling methods and whether concentric drilling is allowed in Vermont. In reviewing the Rules, specifically Part 12 of Appendix A, section 12.3 refers to driven casing. The term "driven casing", however, is not defined. In light of the nature of concentric drilling, it is the Department's position that concentric drilling does use a form of driven casing. In addition, due to the nature of concentric drilling, the Department understands that the conventional grouting requirements are not only inappropriate but also virtually impossible to comply with. That, in fact, is one of the advantages and benefits of concentric drilling. Therefore, if the concentric drilling method is being used, the grouting requirements of sections 12.3.3 and 12.3.4 do not apply. Some method of grouting, however, will still be required. Based on your professional judgment and the site specific conditions of the replacement well, you will need to place bentonite chips, slurry or powder around the drill rod or casing as drilling proceeds unless the drilling is occurring in thick clay sequences.

Your second question was about the required well casing diameter. While section 12.4.6 and the associated Table of Part 12 of the Appendix to the Rules does specify 19 pound/foot steel casing must be used, that section only applies to Public Water Supplies that need a Source permit under the Rules. Potable (non-public) Water Supplies do not need a Public Water Supply Source permit, and therefore the Table does not apply. Therefore, the replacement wells that you drill can be drilled using a minimum 6 inch 17 pound/foot steel casing and still comply with the Rules. As you are aware, Schedule 40 steel casing is the industry standard and should be used for public and non-public water system wells.

If there are any questions please contact me in writing or by phone at (802) 338-4865.

Sincerely,

—
Scott Stewart
Hydrogeologist

Cc: Tim Raymond, DWGPD
Rodney Pingree, DWGPD
Anne Whitely, DEC