



NOTICE AND STATEMENT OF ACCEPTANCE TO ALLOW
GROUTING AND FINISHING OF A WATER WELL BEING
CONSTRUCTED THAT SHOWS ELEVATED NITRATE
NITROGEN LEVELS PRIOR TO GROUTING

NOTICE: This is a procedure required by the Olmsted County Water Well and Water Supply Ordinance Section 5.04.

CONTRACTOR/OWNER INFORMATION:

Water Well Contractor's Name: _____

Water Well Contractor's Address: _____

Well Owner's Name: _____

Well Owner's Address: _____

LOCATION OF WELL BEING CONSTRUCTED UNDER PERMIT NO.: _____

Legal Description: _____

Township: _____ Section: _____ Subsection: _____

Parcel: _____ Lot: _____ Block: _____ Subdivision: _____

RESULTS OF PREGROUTING TEST:

Nitrate Nitrogen

Concentration mg/1

NO₃-N, mg/1 – Date: _____, Analyzed At: _____, Verified By: _____

NO₃-N, mg/1 – Date: _____, Analyzed At: _____, Verified By: _____

NO₃-N, mg/1 – Date: _____, Analyzed At: _____, Verified By: _____

INTERPRETATIONS:

Water analyzed from this well prior to grouting shows a nitrate nitrogen (NO₃-N) level of 1.0 mg/1 or greater, but less than 5.0 mg/1.

The water well contractor's proposed construction is in accordance with the standards governing well construction in Olmsted County. Other information and water quality data from other wells in the area indicates that this well being constructed will probably yield water of less than 1.0 mg/1 of nitrate nitrogen after it is grouted/finished.

STATEMENT OF ACCEPTANCE:

As the well property owner, I have read this notice, available Health Facts sheets concerning Nitrate Nitrogen concentrations in drinking water, and Section 5.04 of the Olmsted County Water Well and Water Supply Ordinance, attached. I understand that (1) without drilling and casing deeper or drilling in other locations, this well, when finished and grouted, may still show a level of nitrate nitrogen of 1.0 mg/1 or greater (2) a nitrate nitrogen level less than 1.0 mg/1 is desirable and (3) levels of 1.0 mg/1 or greater may indicate the presence of pollution.

I am hereby advised that water analysis from the finished well may show a concentration of nitrate nitrogen that is 1.0 mg/1 greater. This is acceptable to me provided that water from the finished well is free of coliform organisms and the well construction practices are made in accordance with the standards of the Olmsted County Water Well and Water Supply Ordinance.

Signed: Well/Property Owner: _____ Date: _____

Witness: _____ Date: _____

Attachments: Health Facts Sheets
Section 5.04 of the Olmsted County Water Well and Water Supply Ordinance

Excerpts from Olmsted County Water Well and Water Supply Ordinance

Section 5.04 Nitrate Testing. Prior to grouting as part of completing construction of a well, the licensed well contractor shall arrange for testing the well's water for nitrate nitrogen concentration, and report those results to the Agent. The Agent may require the sample or a duplicate sample be submitted by the well contractor, to the County's laboratory or other laboratory certified by the State of Minnesota for the required analysis. The results of the test will be used in the following determinations:

5.041 If the pre grout nitrate nitrogen level is less than 1.0 mg/1, the well contractor may proceed with grouting after the required notice to the Agent.

5.042 If the pre grout nitrate nitrogen level is 1.0 mg/1 or greater, but less than 5.0 mg/1 other factors indicate that the nitrate nitrogen level in the finished well can be expected to be less than 1.0 mg/1, the well contractor may grout the well upon obtaining approval of the Agent, and a signed statement of acceptance from the well owner on a form provided by the Agent.

5.043 If the pre grout nitrate nitrogen concentration mg/1 or greater, the well shall be drilled and cased deeper to obtain water meeting the pre grouting requirement stated above.

5.044 A well which is constructed or reconstructed under permit process, shall be analyzed for coliform bacteria and nitrate nitrogen. The concentrations shall not exceed the levels referenced in the MCLs and RALs. The Agent may require analysis for additional contaminants that have been identified as, or are suspected to be influencing the well. Water analysis shall be completed prior to placing the well into service as a potable water supply.