



**Olmsted County Planning Department
Inspections Division**
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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

Contractor/Owner Information

Water Well	Name:	Phone:
Contractor	Address:	Cell:
	E-mail:	License Number:
Well Owner	Name:	Phone:
	Mailing Address:	
	E-mail:	
Location of Well	Permit Number:	
	Legal Description:	
	Township:	Section: Subsection:
	Parcel:	Lot: Block:
	Subdivision:	

Results of Pre-Grouting Nitrate Test

Concentration mg/L		
No3-N, mg/L – Date:	Analyzed At:	Verified By:
No3-N, mg/L – Date:	Analyzed At:	Verified By:
No3-N, mg/L – Date:	Analyzed At:	Verified By:

Interpretations

Water analyzed from this well prior to grouting shows a nitrate nitrogen (NO3-N) level of 3.0 mg/L or greater, but less than 5.0 mg/L.

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 3.0 mg/L 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 3205.03 NITRATE TESTING 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 3.0 mg/L or greater (2) a nitrate nitrogen level less than 1.0 mg/L 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 3.0 mg/L but less than 5.0 mg/L. 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.

Signature of applicant:

Date:

Witness:

Date:

3205.03 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:

- (1)** If the pre-grout nitrate nitrogen level is less than 3.0 mg/l, the well contractor may proceed with grouting after the required notice to the Agent.
- (2)** If the pre-grout nitrate nitrogen level is 3.0 mg/l or greater, but less than 5.0 mg/l other factors indicate that the nitrate nitrogen level in the finished well can be expected to be less than 3.0 mg/l, 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.
- (3)** If the pre-grout nitrate nitrogen concentration is 3.0 mg/l or greater, the well shall be drilled and cased deeper to obtain water meeting the pre-grouting requirement stated above unless the conditions stated in 3205.03(2) are met.
- (4)** An existing 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.
- (5)** A new well which is constructed or reconstructed under permit process, shall be analyzed for arsenic, coliform bacteria, and nitrate nitrogen by an Olmsted County Agent. The nitrate nitrogen concentrations shall not exceed the levels referenced in 3205.03(1) or 3205.03(2). Coliform bacteria 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.