

		Drinking Water Protection Section P.O. Box 64975 St. Paul, Minnesota 55164-0975		Fluoridation Phosphate & Nitrate or Nitrite Removal Monthly Report		PWSID#	Month & Year
Name of Facility				Entry Point Facility Name		Operator Contact Phone #:	
Fluoride Chemical Used:		Fluoride Dilution: %		Raw Water Source(s)			
Raw Water Fluoride Concentration(s) Well # mg/L		Well # mg/L		Raw Water Nitrate or Nitrite Concentration(s): (Circle Nitrate or Nitrite) Well # Nitrate/Nitrite mg/L Well # Nitrate/Nitrite mg/L			
Phosphate Chemical			Operator Name (Print)			Signature	
Day	Meter Reading (1000 gal.)	Pumpage (1000 gal.)	Daily Phosphate Chemical Used (gals./lbs)	Daily Fluoride Chemical Used (gals./lbs)	Fluoridation Analysis		Nitrate or Nitrite Analysis
					Tested Fluoride Concentration (mg/L)	Distribution System Sample Point	Entry Point Nitrate or Nitrite Nitrogen (circle Nitrate or Nitrite) mg/L as N
	1	2	3A	3B	4	5	6
1							
2							
3							
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INSTRUCTIONS FOR COMPLETING THE FLUORIDATION PHOSPHATE & NITRATE
OR NITRITE REMOVAL MONTHLY REPORT

Column
Number

- 1 Daily water meter reading in thousands of gallons.
- 2 Pumpage in thousands of gallons: daily meter reading minus the previous day's meter reading.
- 3A The total number of gallons or pounds (circle one) of phosphate corrosion inhibitor used per day.
- 3B The total number of gallons of fluoride solution used per day or the total pounds of fluoride compound used if you are using sodium silicofluoride.
- 4 Distribution system analysis results for fluoride monitoring samples. Daily sample collection is required. Do not collect and analyze composite samples.
- 5 Distribution system sample location for fluoride monitoring samples. Samples should be collected from different locations each day.
- 6 Entry Point (downstream of all treatment but prior to entry to distribution system) analysis results for nitrate or nitrite (measured as mg/L nitrogen) monitoring samples. Samples shall be collected and analyzed **weekly**. Daily monitoring is recommended if finished water concentrations are greater than 7.0 mg/L nitrate or 0.70 mg/L nitrite.

Notes: Some areas of this form may not be applicable to your public water supply monitoring. Please leave those areas blank.

The raw water fluoride and nitrate or nitrite concentrations should be tested monthly.

The entry point nitrate or nitrite concentration must be tested weekly.

If any nitrate result is greater than 10 mg/L (as N), or any nitrite result is greater than 1.0 mg/L (as N), you should **contact your MDH District Engineer immediately**.

Test strips are not allowed to be used for these analyses.

Approved Nitrate and Nitrite compliance analysis methods include:

Automated Cadmium Reduction
Manual Cadmium Reduction
Ion Chromatography
Capillary Ion Electrophoresis

Automated Hydrazine Reduction (Nitrate)
Ion Selective Electrode (Nitrite)
Spectrophotometric (Nitrite)

Comments:

You may submit the Fluoridation Phosphate & Nitrate or Nitrite Removal Monthly Report to the Minnesota Department of Health through these options:

Option 1 - Mail the report to:

Minnesota Department of Health
Community Water Supply Unit
P.O. Box 64975
St. Paul, MN 55164-0975

Option 2 - Email the report (as an attached file) to:

health.report-fluoride@state.mn.us

The Fluoridation Monthly Reports and other forms can be found at Community Public Water Supply Forms (<https://www.health.state.mn.us/communities/environment/water/com/com.html>)