

Public Water Transient Non-Community Wisconsin DNR Inspected



The Federal **Safe Drinking Water Act (SDWA)** governs public water systems. State and county staff administer this program in Wisconsin for Transient Non-Community water systems.

Definitions:

Transient Non-Community (TN) Water System

A water system serving at least 25 people at least 60 days of the year, such as churches, seasonal campgrounds, gas stations, restaurants, motels, public restrooms and taverns. TNs do not serve the same 25 people six months of the year or more, and staff members are included in the count of total people served.

Serves Water

A water system providing use of water for human consumption, such as drinking, bathing, cooking and dishwashing. Bathing includes all personal hygiene needs in a home, business or school setting. Public facilities that operate at a fixed location and do not provide drinking water but use water from a piped on-site water system to provide food service or public restrooms are public water systems.

Transient Non-Community Water System Owner Responsibilities

1. Maintain a code-complying water system:

A full sanitary survey inspection is required every five years to identify if a water system's components and operations comply with state administrative code rules. Systems on an annual coliform bacteria sample plan require a shorter site visit inspection in the years a sanitary survey is not done. Corrections are required when deficiencies are found. For more information on sanitary surveys and annual site visits, go to: <https://dnr.wisconsin.gov/sites/default/files/topic/DrinkingWater/TN/SanSurveyAnnualVisit.pdf>

2. Submit required water samples:

The following tables list the minimum sampling requirements for a TN public water system during the system's operating season. Both coliform/E.coli and nitrate are acute contaminants. Water with these contaminants at levels greater than the Maximum Contaminant Level (MCL) may cause illness in consumers within hours or days of exposure.

Coliform Bacteria Sampling

For more information on coliform bacteria, go to: <https://dnr.wisconsin.gov/sites/default/files/topic/DrinkingWater/TN/ColiformBacteria.pdf>

For coliform sampling directions, go to: <https://dnr.wisconsin.gov/sites/default/files/topic/DrinkingWater/TN/CollectColiformSample.pdf>

Required Water Sampling Schedule *	New Seasonal System**	New Year-Round System** and Systems Owned by the Wisconsin DNR or Federal Government	Existing System on Reduced Monitoring	Maximum Contaminant Level (MCL) Colony Forming Unit (CFU)
Monthly	X			<i>E. coli</i> = 0 CFU - not present
Quarterly		X		<i>E. coli</i> = 0 CFU - not present
Annually ^{Ss}			X	<i>E. coli</i> = 0 CFU - not present

**New seasonal systems that depressurize sections or the entire water system part of the year are required to sample for coliform monthly during the season of operation for the first year. New year-round systems are required to sample for coliform quarterly for the first year. If a system obtains a full season with a clean sampling record and compliance with other Safe Drinking Water Rules the sampling may be reduced.

Nitrate and Nitrite Sampling

For more information on nitrate and nitrite go to: <https://dnr.wisconsin.gov/sites/default/files/topic/DrinkingWater/TN/Nitrate.pdf>

For nitrate sampling directions go to: <https://dnr.wisconsin.gov/sites/default/files/topic/DrinkingWater/TN/CollectNitrateSample.pdf>

Required Water Sampling Schedule*	New System	Existing System	Maximum Contaminate Level
Annual Nitrate (Year-round systems collect by Sept. 30th) ^{Ss}	X	X	10 milligrams per liter (mg/L)
Nitrite ^N (Year-round systems collect by Sept. 30th) ^{Ss}	X		1 mg/L

^N The nitrite sample is a one-time sample and will not be required beyond the initial sample unless nitrite levels are elevated.

^{Ss} Seasonal systems are required to collect both groups of samples either the month before or during the month of resuming operation.

*Sampling requirements may be increased in response to exceedance of the maximum contaminant level, population served > 1000 people/day or when necessary to verify water quality.

SAMPLING KITS

Normally, sampling information and bottles are shipped to the designated system sampler from the state Laboratory of Hygiene (WSLH). The public lab slips that are sent with the kits list the time-period to complete the sample collection. If a replacement kit is needed contact your local DNR staff member.

SAMPLING COSTS

The analysis cost for the coliform samples are free, provided the WI State Lab of Hygiene is used. There is an analysis fee for nitrate and nitrite samples. Additional fees may include mailing costs. Private labs may be used for a fee.

SAMPLE DELIVERY

Coliform bacteria SDWA samples must be received and set up for analysis within 30 hours of collecting the water sample. Nitrate and nitrite samples must be received on ice and within 48 hours of the time of sample collection. For additional sampling and shipping advice, go to: <https://dnr.wisconsin.gov/sites/default/files/topic/DrinkingWater/TN/SampleHoldTime.pdf>

SAMPLING RESULTS

A public water lab slip is required when submitting samples to ensure SDWA-certified labs use the correct lab procedure and report the sampling results electronically to the DNR. The DNR reviews the results and informs system owners of any violations and follow-up sampling needed. Track and maintain copies of sampling results for your records. Water sampling results may be applied to license requirements the county or other state agencies administer.



Public Drinking Water Data website – Sampling requirements, sampling results and sampling forms are available on the website. Go to <https://dnr.wi.gov/dwsviewer>. For additional directions, go to: <https://dnr.wisconsin.gov/sites/default/files/topic/DrinkingWater/TN/DWSdirections.pdf>

Laboratory Selection – For a listing of SDWA certified laboratories, go to: <https://dnr.wi.gov/topic/DrinkingWater/laboratories.html>

3. Certifications and Public Notifications:

DNR staff will advise systems when public post notices (PNs) or certifications for completion of work are required. Email or paper documentation is accepted for certifications. A copy of the completed notification must be provided to the DNR. For more information on posting requirements go to: <https://dnr.wisconsin.gov/sites/default/files/topic/DrinkingWater/TN/TNPubNoticeCert.pdf>. The following situations will generate a posting requirement.

- A Maximum Contaminant Level is exceeded.
- A required water sample is not collected in the required time-period.
- Notification of a seasonal start-up or a corrective action are not completed by the required seasonal opening date.

Department of Natural Resources Staff Contact Information:

For your DNR contact, go to: <https://dnr.wisconsin.gov/sites/default/files/topic/DrinkingWater/TN/DNRInspectedSystemContacts.pdf>

Additional TN Resources Listed by Topic, go to: <https://dnr.wisconsin.gov/sites/default/files/topic/DrinkingWater/TN/AddlResources.pdf>

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