

PUBLIC WATER TRANSIENT NON-COMMUNITY DOOR COUNTY SYSTEMS

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, including churches, seasonal campgrounds, gas stations, restaurants, motels, public restrooms and taverns. Transient Non-Community (TN) Water Systems do not serve the same 25 people six months of the year or more. 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 water systems are also 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.

TRANSIENT NON-COMMUNITY WATER SYSTEM OWNER RESPONSIBILITIES

1. Maintain A Code-Complying Water System

Site inspections, also known as sanitary surveys, are conducted to identify whether a water system's components and facility's system of operation complies with state administrative codes and requirements. Corrective action is required when deficiencies are identified. Sanitary surveys are completed every five years for TNs. For more information on sanitary surveys and annual site visits, view the webpage [here](#).

2. Submit Required Water Samples

The following tables list the minimum sampling requirements for a TN public water system during its operating season. Total 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, visit [here](#).

For coliform sampling directions, visit [here](#).

Required Water Sampling Schedule*	Door County Systems (Includes Year-Round Systems and Seasonal Door County Systems on Reduced Monitoring)	Maximum Contaminant Level (MLC) Colony Forming Unit (CFU)
Quarterly	X	E coli = 0 CFU = not present

New Seasonal Water Systems that depressurize will require monthly coliform sampling for the first season of operation.

Seasonal System monthly sampling will be reviewed after one season of monthly sampling is completed to consider a reduced sampling schedule.

NITRATE AND NITRITE SAMPLING

For more information on nitrate and nitrite, visit [here](#).

For sampling directions go to, visit [here](#).

Required Water Sampling Schedule*	New System	Existing System	MCL
Nitrate (Collect by Sept. 30)	X	X	10 milligrams per liter (mg/L)
Nitrite ^N (Collect by Sept. 30)	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.

*Sampling requirements may be increased in response to exceedance of the maximum contaminant level or when necessary to verify water quality.

SAMPLING KITS

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

SAMPLING COSTS

Coliform analysis is free if the Wisconsin State Lab of Hygiene is used. Private labs may also be used for a fee. There are analysis fees for nitrate and nitrite samples.

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, please visit our [website](#).

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 [here](#). For additional directions, visit this [website](#).

Laboratory Selection – For a listing of SDWA certified laboratories, visit this [website](#).

3. Certifications And Public Notifications

DNR staff will advise systems when public post notices (PNs) or certifications for completion of work are required. Paper documentation, or electronic (email or web data entry) are accepted for certifications. More information on these requirements can be found [here](#). Examples include the following situations:

- 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 time-period.

DEPARTMENT OF NATURAL RESOURCES STAFF CONTACT INFORMATION

For your DNR contact, visit this [website](#).

To find all resources on TN systems, go to <https://dnr.wi.gov/tiny/1671>.

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