

2024 MONITORING SCHEDULES AND REQUIREMENTS

On an annual basis, public water system administrative contacts and designated operators on record are notified by email that schedules for the present year are ready and available for download [here](#). In addition to being provided annually, the schedules may also be updated throughout the year based on results, source changes, treatment changes, etc. The Division sends any revised schedules throughout the year to administrative contacts and designated operators on record with any changes made. If your system contacts need to be updated, please submit an officials contact form through [ANROnline](#) as soon as possible. Out of date or missing contacts can result in the system receiving a violation.

The online monitoring schedule may not reflect special sampling required by permits, additional sampling directives from the Division, or new waiver applications currently pending review. Samples listed on your monitoring schedule are required to be collected within the monitoring period specified and must be analyzed by a laboratory certified by the Vermont Department of Health (VDH). A current certified labs list is found [here](#). Before sampling, confirm your preferred lab is certified for all required analyses. If your preferred lab is not certified for all required analytes, contact them to determine if they will be subcontracting to a VDH-certified laboratory and to make sure the Division will accept the results.

To ensure samples are reported correctly, clearly indicate if they are either for Routine “RT”, Special Purpose “SP”, Triggered, “TG”, or Repeat “RP” monitoring. The precise sampling location/address, the Facility ID (e.g., TP001 for treatment plant, or DS001 for distribution system) and the Sample Point code must be indicated as well (e.g. EP001 for entry point to distribution sampling or TC001 for total coliform distribution sampling), and exactly as listed on [your monitoring schedule](#). You must also include your water system identification number (WSID) on the sample collection forms or chain of custody. If you are unsure of the correct coding to use, please ask the designated [Division contact here](#) or using the list at the end of this document. More Rule specific monitoring requirements are further explained below.

The following tables help identify what certain Facility ID and Sample Point abbreviations mean on your schedule:

Facility IDs:

WL = WELL/SPRING
TP = TREATMENT PLANT
DS = DISTRIBUTION SYSTEM
IN = INTAKE (SURFACE WATER)
ST = STORAGE TANK
PF = PUMP FACILITY
TM = TRANSMISSION MAIN

Sample Points:

RW = RAW WATER
EP = ENTRY POINT
AS = ASBESTOS
LC = LEAD AND COPPER
TC = TOTAL COLIFORM
HA = HALOACETIC ACIDS
TH = TRIHALOMETHANES

It is the responsibility of the water system to make sure sampling results are reported to the Division in a timely manner even if a lab offers electronic data submission. If results do not appear on the monitoring schedule [website](#) within two weeks of you receiving the results from the lab, forward a copy of your lab report to the Division using this email: ANR.DWData@vermont.gov.

If a required sample is not collected by the end of the monitoring period listed on your schedule (e.g., month, quarter, four-month period, six-month period, or calendar year), or if results are not received by the reporting deadline, the system will incur a violation. The violation requires the water system to distribute public notice to users for failure to monitor and/or report during the required period. If you have flexibility within the monitoring period, sample early so that you have sufficient time to resample if, for example, bottles are delayed or damaged in transit, or a sample is rejected by the lab.

Raw Water Monitoring (Groundwater Rule)

Groundwater Rule: The Groundwater Rule requires groundwater systems to have a source sample tap installed before water treatment at Community (CWS) and Non-Transient Non-Community (NTNC) systems. Transient Non-Community (TNC) groundwater systems are encouraged to have a source water sample tap. Source water monitoring is required if total coliform is present in the distribution system. This is known as “triggered source monitoring” or TG and should be coded as “TG” on the lab forms. The raw water sampling tap for each source must be identified on the Revised Total Coliform Rule coliform sampling plan.

Entry Point to Distribution/Finished Water Monitoring - Chemical Contaminant Rules for IOCs, SOCs, VOCs, PFAS, & Radionuclides Rule

Chemical and Radionuclide samples must be collected from finished water at the entry point to the distribution system. The entry point (EP) is located after all treatment and storage, but prior to or at the first user/connection. All water systems should have a dedicated finished water sampling tap. Please refer to your monitoring schedule for the specific Sample Point and Facility ID codes needed for your sample reporting. A graphic is shown below where this information is located on your schedule.

Entry Point to Distribution System Samples (Finished Water)
 If using treatment, take these samples from finished water at

Facility ID: TP002 - TREATMENT PLANT 2 - CHLORINATOR
Sample Point: EP002

Analyte/Group	Monitoring Period	Sample Frequency
IRON AND MANGANESE	1/1 - 3/31	1 per quarter
NITRATE	1/1 - 3/31	1 per year
SYNTHETIC ORGANIC CHEMICALS	1/1 - 3/31	1 per 3 years
IRON AND MANGANESE	4/1 - 6/30	1 per quarter
IRON AND MANGANESE	7/1 - 9/30	1 per quarter
IRON AND MANGANESE	10/1 - 12/31	1 per quarter
VOLATILE ORGANIC CHEMICALS	10/1 - 12/31	1 per year

Record the appropriate Sample Point (e.g. EP001, EP002, etc.), the Facility ID (e.g. TP001, ST003, etc.) and your precise Sampling Location description (site or address) on the laboratory sample intake forms. Routine compliance samples should be coded as Routine or “RT”. Samples not for compliance purposes such as part of a construction or source permit, or are investigative must be coded as Special, or “SP” with a sample location description. Your Water System ID Number (WSID) must be listed on the form for the results to be reported to the Division. Missing or incorrect coding information may result in a violation for failure to monitor according to the schedule, or misrepresentation of sample results. More information on chemical monitoring can be found on our website [here](#).

Note: Community and NTNC water systems without a current monitoring waiver or a renewal application, and source protection plan on file with the Division will be required to monitor for SOCs. Monitoring waiver applications can be found [here](#). Iron and manganese are required to be monitored at least every 3 years per Section 6.13(c) of the Vermont Water Supply Rule. Systems on 3-year iron and manganese may retain a 9-year waiver for remaining IOCs. More frequent monitoring may be required in order to adequately protect public health and/or to monitor treatment efficacy.

For specific information on PFAS and the current monitoring requirements for public water systems visit [this website](#).

Distribution System Monitoring (Total Coliform, Lead & Copper, Disinfection Byproducts, & Asbestos)

Total Coliform (TC): The Revised Total Coliform Rule (RTCR) went into effect on April 1, 2016 with some different requirements for bacterial monitoring and system assessments than the previous coliform rule. Review the Division's [RTCR website](#).

Total coliform bacteria samples must be taken in the distribution system at locations in the system's approved Coliform Sampling Plan. Record the category for each total coliform sample on the lab forms that are submitted to the lab along with each sample: Routine (RT) = Routine distribution sample(s) required by monitoring schedule and any required distribution samples the following month after a total coliform (TC) positive Routine sample. Repeat (RP) = distribution samples required immediately after TC positive Routine Sample. Triggered Source (TG) = groundwater source sample(s) required immediately after TC positive routine sample. Note that samples coded as Special (SP) do not count for compliance purposes. Be sure your system codes the samples correctly; the Division will not change coding for samples received, which may result in a Monitoring & Reporting Violation.

When using a chemical disinfectant, a system must also measure and record free chlorine residual (or total chlorine if a free chlorine residual is not detectable) at the same time and location where each total coliform sample is collected. These results must be reported on the lab forms that are submitted to the lab along with the sample(s) to be analyzed and also on the system's monthly operations report.

Lead & Copper: Sampling sites are prioritized based on plumbing content and age, grouped into risk tiers, and previous test results. Locations must match the system's current lead and copper Sampling Plan approved by the Division. Community systems must sample residential kitchen or bath faucets. Samples from locations such as hose bibs or faucets with water filters will be rejected. See the [Vermont lead and copper rule website](#) for first-draw sampling procedures to give to residents. Artificial pre-stagnation flushing is prohibited. Fill the bottle in a single flow to the 1 Liter mark on the bottle. Volumes far above or below 1 Liter will be noted by the lab and may be rejected by the Division. On the lab form, code samples as Routine, or "RT" when they are for routine compliance monitoring. Entry point or special diagnostic samples including flushed, follow-up, or smaller volume samples must be coded as "SP" (Special, not for compliance). For schools and childcare facilities, additional lead testing required under [Act 66](#) is directed by the [Vermont Department of Health](#) and not shown on this monitoring schedule.

Note: All systems that have completed and submitted their Lead Service Line Inventory AND have Lead, Galvanized Requiring Replacement, or Unknown service lines, *must* provide an updated Service Line Inventory to the State no later than 30 days following the end of the tap sampling period. For more information visit our [SLI website](#).

Disinfection Byproducts (DBP): Community and NTNC systems that regularly and routinely add chlorine or chloramine or receive such water from another system are required to test for total trihalomethanes (TTHM) and the five regulated haloacetic acids (HAA5). This includes systems that disinfect for part of the year on a routine basis (e.g., each summer). A system whose chlorination status has changed must contact the Division. Sample at location(s) specified in your approved DBP Sampling Plan and shown on your monitoring schedule. Lab kits require multiple vials for each type of DBP. DBP samples must be collected in the same **month** shown on the schedule, not just within a quarter. For consecutive systems and their water providers, please work together to bring your DBP sampling events, where applicable, as close together as possible.

Asbestos: Community and NTNC Systems containing asbestos distribution lines, must sample from areas of the asbestos-cement or transite piping areas of distribution with maximum residence time. Asbestos samples should be submitted and reported using the Sample Point coding AS00x and Facility ID DS00x, according to your routine monitoring schedule. The number of samples required varies depending on pressure zones present and population served. Samples should be collected from a flushed tap so that the sample is representative of water directly from the main. Excess particulates can and will interfere with asbestos fiber counts and analysis, triggering increased reporting limits and re-sampling events. Sample early within your monitoring period to avoid a violation.

The following Division [contacts](#) are available to answer specific questions:

Total Coliform & Groundwater Rule (including Boil Water Notices)

Community & NTNCs	David Love	david.love@vermont.gov	(802) 585-4902
TNCs	Jeff Girard	jeff.girard@vermont.gov	(802) 585-0314

Bulk Water Hauling

All systems	David Love	david.love@vermont.gov	(802) 585-4902
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Phase II/V Chemical Contaminant Rules, PFAS, Radionuclides, Monitoring Waivers

All systems	Marie Sawyer	marie.sawyer@vermont.gov	(802) 261-1912
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Lead & Copper

Community	Joshua Gravlin	joshua.gravlin@vermont.gov	(802) 261-1360
NTNCs	Ana Hebert	ana.hebert@vermont.gov	(802) 261-5603

Disinfection Byproduct (DBP), LT2

Community & NTNCs	Joshua Gravlin	joshua.gravlin@vermont.gov	(802) 261-1360
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Public Notice and Certificate of Delivery requirements & submittals

All systems	Benjamin Tabor	benjamin.tabor@vermont.gov	(802) 798-4111
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Consumer Confidence Report (CCR) requirements & submittals

Community	Jeff Girard	jeff.girard@vermont.gov	(802) 585-0314
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Lead in Schools & Childcares (Act 66)

All types	Ana Hebert	ana.hebert@vermont.gov	(802) 261-5603
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Overall questions regarding state and federal rule compliance

All systems	Janelle Wilbur	janelle.wilbur@vermont.gov	(802) 585-4898
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Visit <https://anrweb.vt.gov/DEC/DWGWPF/> for Monitoring Schedules, Operator Certification information, chem and bacteria monitoring data, Source Protection Plan status, waiver due dates, and more:



**Drinking Water and Groundwater Protection Division
Drinking Water Database Search**



Enter your search criteria in the text boxes provided and click the [Search] button to view results.

Water System ID (WSID): OR
 Water System Name:

* Search Type:

- Select Search Type
- Monitoring Instructions
- Monitoring Schedule
- Bacterial Data
- Chemical Data
- Lead/Copper Data
- PFAS Data
- Expiring Waivers
- Source Protection Plan Update Status