



Total Coliform Sample Siting Plan for Small Systems

This form is intended to assist public water system (PWS) owners and operators with developing a total coliform sample siting plan. This form is designed for systems taking three samples each month or each quarter (serving ≤3,300 people). Using this form is optional. However, all public water system are required to have a written sample siting plan in accordance with the "Idaho Rules for Public Water Systems" (IDAPA 58.01.08.100.01).

Part 1. General System Information

PWSID: PWS Name:

Mailing Address:

PWS Contact Name:

E-mail: Phone:

Emergency Contact Name:

E-mail: Phone:

PWS Type: Community (CWS) Nontransient noncommunity (NTNC) Noncommunity transient (NCT)

Noncommunity Seasonal System: No Yes* If yes, season open: close:

* Seasonal systems are required to perform annual start-up procedures prior to opening for the season unless exempted in writing.

Sources of Water:
Identify sources of drinking water and attach additional sheets as necessary.

Source/Facility ID Name of drinking water source(s): well tag #, name, spring name, intake source	Source Type GW--ground water, SP--spring, SW--surface water, GU--ground water under the influence of SW, P--purchase water from other system	Usage P--permanent (full/time), E--emergency (not planned for use), I--interim to meet peak demand	4-log Virus Inactivation* Source has continuous disinfection to provide 4-log virus inactivation
1.			<input type="radio"/> Yes <input type="radio"/> No
2.			<input type="radio"/> Yes <input type="radio"/> No
3.			<input type="radio"/> Yes <input type="radio"/> No
4.			<input type="radio"/> Yes <input type="radio"/> No

***4-log virus inactivation:** Triggered source water monitoring for the Ground Water Rule following a routine total coliform positive sample is required when a system using ground water does not have 4-log virus inactivation for all ground water sources.

Manifold: List sources that combine before distribution

Disinfection Treatment Installed/Using: None Chlorine Chloramination Chlorine dioxide Ozone (check all that apply)

Owner/Operator Name: Phone:

Signature: _____ Date:

Part 2. Sampling Location Information

This section identifies sampling locations for routine and repeat total coliform (TC) samples. This form is designed for systems taking *up to* 3 routine TC samples per month. Please identify the sample sites by address or dedicated sample point name and location type when applicable (i.e., kitchen faucet). Three repeat samples are required for each routine TC positive result. One repeat is to be taken at the routine location that was TC positive, one repeat is to be taken within 5 connections upstream of the routine TC positive location, and one repeat is to be taken within 5 connections downstream of the routine TC positive location. Seasonal systems on quarterly monitoring must identify the month of highest use or the most vulnerable month in each quarter (such as the month with the most rainfall).

	Month	Routine Sample Location (address, sample station name)	Repeat sample locations (U = within 5 connections upstream from routine, D = within 5 connections downstream from routine)
1st Q U A R T E R	January	1.	U
			D
		2.	U
			D
	March	3.	U
			D
		1.	U
			D
	February	2.	U
			D
		3.	U
			D
2nd Q U A R T E R	April	1.	U
			D
		2.	U
			D
	May	3.	U
			D
		1.	U
			D
	June	2.	U
			D
		3.	U
			D

	Month	Routine Sample Location (address, sample station name)	Repeat sample locations (U = within 5 connections upstream from routine, D = within 5 connections downstream from routine)	
Q U A R T E R 3rd	July	1.	U D	
		2.	U D	
		3.	U D	
		August	1.	U D
			2.	U D
			3.	U D
	September	1.	U D	
		2.	U D	
		3.	U D	
		October	1.	U D
			2.	U D
			3.	U D
November	1.		U D	
	2.		U D	
	3.		U D	
	December	1.	U D	
		2.	U D	
		3.	U D	

Most public water system owners or operators are not required to submit total coliform sample siting plans. The following circumstances require submittal and approval of your sample siting plan by your local field office:

- Owners and operators who wish to propose alternative fixed sample sites or criteria for selecting sites based on situational information. This information needs to be written into a standard operating procedure as part of the plan.
- Operators or owners of seasonal systems using only ground water and on monthly monitoring that qualify for and wish to take quarterly samples.

Other considerations:

- Attach a schematic of the distribution system with locations marked for sample sites and other relevant water system information such as wells, storage tanks, booster stations, etc.
- Ensure the entire distribution system is represented when identifying sampling locations.
- If there are two or more distribution systems and those distribution systems are not interconnected, please ensure samples are taken from each distribution system during each compliance period (month or quarter).
- If a routine sampling location is at the end of the distribution system or one service connection away from the end of the distribution system, identify an alternative upstream or downstream sampling location from that routine location.
- Repeat samples must be collected within 24 hours of being notified of a routine positive sample result and must be taken the same day at different sites. However, if there is only one sampling location, such as with a campground, please identify whether you will take one repeat total coliform sample per day for three consecutive days or a larger sample size (300 mL) on one day.
- Public water systems that use only ground water and do not provide 4-log virus inactivation are required to take triggered source water samples after a routine total coliform positive sample result. The samples must be taken from each source active at the time the routine sample was taken and must be taken before any treatment (raw water).