

Welcome to your 2021 Monitoring Summary

Enclosed is your 2021 monitoring summary, which outlines your water system's monitoring requirements. Please use this as a planning tool to help your public water system (PWS) remain in compliance with the State of Alaska Drinking Water Regulations, 18 AAC 80. Monitoring your drinking water for contaminants is very important so that your customers do not become sick. Please take a few minutes to review the enclosed monitoring summary.



Have questions about your monitoring summary or sampling requirements?

Contact your local Environmental Program Specialist (EPS), their contact information is located at the bottom of the monitoring summary.

2021 MONITORING SUMMARY

Key to Planning and Compliance

Reminders for 2021

Re-opening in 2021

The global pandemic has impacted everything in 2020 and water system operations were no exception. If your system or portions of your system was shut down in 2020 and you're planning to resume normal operations in 2021 we encourage you to review the EPA website on how to safely restore water to buildings with low or no use (Link: <https://www.epa.gov/coronavirus/information-maintaining-or-restoring-water-quality-buildings-low-or-no-use>) or contact the DW Program if assistance is needed.

Sanitary Surveys

An important part of staying in compliance with the Safe Drinking Water Act is having a Sanitary Survey completed on time and fully correcting all noted deficiencies, which includes sending your EPS documentation of how and when the deficiency was addressed. Be sure to review the monitoring summary to confirm when the next survey is due and what deficiencies remain unaddressed. Deficiencies that remain open according to the Drinking Water Program's records are listed under the Compliance Schedules section.

PWS owners/operators are encouraged to request a question set from the Drinking Water Program prior to a sanitary survey inspection. This provides an opportunity to review the system and fix any potential deficiencies before the inspection takes place.

Synthetic Organic Chemicals (SOC) Monitoring Waiver

The SOC Monitoring Waiver Application for the 2020-2022 monitoring period is available. To apply for a SOC waiver go to the Drinking Water Program website (link below) or contact your local EPS. Submit your waiver application with the required fee as soon as possible in order to avoid sampling for SOCs. The SOC analyses are very expensive, so it's important to take advantage of this waiver process. **The SOC waiver application deadline is September 30, 2021.** Applications submitted after this date may result in monitoring violations and/or additional monitoring. Link to SOC Waiver Application: <http://dec.alaska.gov/eh/dw/soc/>.

Reporting Requirement on Lab Chain of Custody Forms

To ensure accurate reporting, in addition to listing the sample location, water systems are required to record the **Facility ID** and **Sample Point ID** on the lab paperwork submitted with water samples (i.e., chain of custody). This information is available on your monitoring summary (refer to the **Where to take my sample** section on the next page).

Sample Temperature Arrival at Laboratory

Nitrate and other samples, except for Total Coliform, must be between 0.0°C and 6.0°C when they arrive at the laboratory or samples will not be accepted and the system must resample. Ensure samples are sent/brought to the laboratory in a cooler with ice, so the samples are cool but not frozen.



State of Alaska

Department of Environmental Conservation
Environmental Health Division
Drinking Water Program
<http://dec.alaska.gov/eh/dw/index.htm>

You can check the *Drinking Water Watch* on our website to view your system's data at any time at this link: <http://dec.alaska.gov/DWW>

Please let your EPS know if any of the information is incorrect.

Where to take my sample?

The monitoring summary displays the water system facility (or sample location) where each sample is required to be collected. For example, samples listed under the Facility ID *DS* (distribution) must be collected in the distribution system while samples listed under the Facility ID *TP* (treatment plant) need to be collected at the entry point to the distribution. The Sample Point ID associates a specific sampling point with the sample location.

The Facility ID and Sample Point ID are required information for submitting laboratory sample results to the State.

(This information is displayed on your monitoring summary as shown in the example below.)

Monitoring Summary Example

Requirement	Sample Point ID	Required Sampling Frequency
Sanitary Survey		Every 3 years
DS OF EXAMPLE SYSTEM (Facility ID: DS001)		
	SPDS001TCR	1 sample(s) monthly
	SPDS001PC	5 sample(s) every 3 years
TP OF EXAMPLE SYSTEM (Facility ID: TP001)		
SOC	SPTP001	1 sample(s) quarterly

Sample Point ID: This column lists the sample point identification code associated with the sample location.

Facility ID: This identification code is associated with the facility where the sample should be collected.

The table below highlights the types of **water system facilities** and their two-letter identification code (such as TP or DS) listed on the monitoring summary.

Entry Point to the Distribution System	
Facility	CH – Combined Header
	TP – Treatment Plant
	WL – Well*
Distribution System	
Facility	DS – Distribution System
Raw Water Sample	
	IN – Intake
Facility	IG – Infiltration Gallery
	WL – Well*

* Samples collected at a well could be for source/raw water sampling or represent the entry point to the distribution system. If you are unsure about the samples for your system, consult your EPS.

Compliance Schedules

Compliance Schedules are used to track other (non-sampling) requirements such as the Consumer Confidence Report (CCR) or follow-up activities for Sanitary Survey deficiencies. The information will include the schedule name, a description of what is required, and the due date. The table below is an example of the compliance schedules section in your monitoring summary.

Compliance Schedules			
		Due	Comments
CASS- Corrective Actions Needed from Sanitary Survey			
1	2		
	CORRECTIVE ACTIONS	03/09/2021	WTP boiler make-up water line lacks back flow prevention. Please have a dual check valve installed and submit photo documentation of the corrective action to the ADEC.
	CORRECTIVE ACTIONS	02/01/2021	Two bolts on the sanitary seal were missing. Please install the bolts and submit photo documentation of the corrective action to the ADEC.

1. Compliance Schedule Type: This section identifies what requirement the compliance schedule is addressing. This example is a *CASS-Corrective Actions Needed from Sanitary Survey* schedule.

2. Activity Type: This section lists what specific action(s) need to be completed.

3. Due: This section lists when activities need to be completed.

4. Comments: The comments are written by your EPS to provide additional detail to the schedule requirements. (Note: Not all schedules will have comments.)

For more detailed information on *How to Read the Monitoring Summary*, please visit the Monitoring Summary Information website at: <http://dec.alaska.gov/eh/dw/monitoring-summary/>

General Compliance Reminders

Violations are issued if a PWS fails to collect required samples, submit required reports, or resolve sanitary survey deficiencies within the appropriate timeframe. When violations are not addressed in a timely manner, this can lead to increased enforcement actions and your system may be listed on the EPA's national Enforcement Targeting Tool (ETT).

Below are some tips for staying in compliance with the regulations and avoiding violations:

- Submit the required samples according to the enclosed monitoring summary. Please use the monitoring summary as a planning tool for the year. Samples can be costly, however if you spread them out over the year, these costs can be more manageable.
- If you are required to conduct daily operator testing, please use and submit the proper Monthly Operator Report form for your system. Your operator report must be filled out, signed, and sent to the Drinking Water Program before the 10th of the following month. (For example, the January operator report should be sent to the Drinking Water Program by the 10th of February.)
- Do not wait until the end of the month to take your Total Coliform bacteria samples. That way if transportation, weather, or other issues arise, you have time to resample during the month.
- Take other types of samples at the beginning of a monitoring period (i.e., the first month of a quarter). This helps ensure samples are not forgotten and allows time if resampling is required. **Please note:** TTHM and HAA5s (DBPs) must be sampled during the specific time(s) and location(s) noted on the monitoring summary.

Monitoring Summary for DOT & PF FOX WATERING POINT

Public water system ID#AK2310277

Population: 350

March 11, 2021

Community Water System, Ground water

Requirement	Sample Point ID	Required Sampling Frequency	Last Sample	Next Sample
Sanitary Survey		Every 3 years	06/20/2018	2021
DS DOT & PF - FOX WATERING POINT (Facility ID:DS001)				
COLIFORM (TCR)	SPDS001TCR	1 sample(s) monthly	02/26/2021	Monthly, according to Sample Siting Plan
LEAD AND COPPER	SPDS001PC	2 sample(s) every 3 years	04/03/2018	2021 June - Sept
WL FOX WATERING POINT WELL (Facility ID:WL001)				
SOC	SPWL001	1 sample(s) quarterly	11/02/2004	Submit 2020-2022 SOC Waiver Renewal Application by September 30, 2021
NITRATE	SPWL001	1 sample(s) annually	03/17/2020	2021 sample must arrive to lab on ice
VOC	SPWL001	1 sample(s) per 3 year period	03/17/2020	Between 2023-2025
TOTAL GROSS ALPHA	SPWL001	1 sample(s) per 6 year period	01/09/2019	Between 2020 and 2025
INORGANICS	SPWL001	1 sample(s) per 9 year cycle	01/09/2019	Between 2020 and 2028
RADIUM 226 AND 228	SPWL001	1 sample(s) per 9 year cycle	01/09/2019	Between 2026 and 2034
ARSENIC - SINGLE	SPWL001	1 sample(s) per 9 year cycle	03/17/2020	Between 2029 and 2037

Compliance Schedules		
	Due	Comments
Consumer Confidence Report		
CCR - SUBMITTAL	06/30/2021	
CCR - CERTIFICATION PAGE	09/30/2021	

**NSF = No sample found

- 1) Periods are three years in length. The current period is 1/1/2020 - 12/31/2022 and the next period will be 1/1/2023 - 12/31/2025. Cycles are nine years in length. The current cycle is from 1/1/2020 - 12/31/2028 and the next cycle is 1/1/2029 - 12/31/2037.
- 2) Periods for radionuclides (gross alpha, radium 226/228, and uranium) are three or six years in length. The current 6 year period is 01/01/2020 - 12/31/2025, the next 6 year period will be 01/01/2026 - 12/31/2031. Cycles for radionuclides are nine years in length. The current cycle is from 01/01/2017 - 12/31/2025 and the next cycle is 01/01/2026 - 12/31/2034.
- 3) WL (well) or TP (treatment plant) is the entry point to the distribution system, except for raw water samples and WL (well) is the raw water tap. DS (distribution system) is the home and buildings that receive water from a piped water system.
- 4) Water quality parameters are tested in order to conduct a corrosion control study. Please contact your engineer, health corporation, or certified laboratories for assistance.
- 5) Lead/Copper samples on an annual or 3 year schedule should be collected in month of warmest water temperature.
- 6) Water systems with multiple water sources that do not combine before entering the distribution must take one sample from each entry point to the distribution and may do a composite sample according to 18AAC80.325(17), 18AAC80.315(4).
- 7) SOC waiver renewal forms are due every three year period. SOC waiver, new and renewal, forms can be found at <http://www.dec.alaska.gov/eh/dw/publications/forms.html>.
- 8) Each public water system is required to have a water operator (or operators) certified at or above the drinking water treatment and drinking water distribution level assigned to the system. To check on current level of certification for your water operator please see the Alaska Certified Water/Wastewater Operator Database maintained by the Division of Water: <https://dec.alaska.gov/Applications/Water/OpCert/Home.aspx?p=OperatorSearch>. If you have questions regarding the water system level or the operator certification level please contact Operator Certification at 907-465-1139 or at dec.water.fco.opcert@alaska.gov.

Monitoring summaries reflect sampling information the Drinking Water Program receives from certified laboratories and public water systems. If you notice any errors in this data, please contact your local ADEC Drinking Water Program office. Public water systems are responsible for compliance with monitoring requirements.

Monitoring summary completed by Mike Sharp, Environmental Program Specialist/ADEC. If you have any questions please contact ADEC at (907) 451-2178 or 1-800-770-2137 Email: mike.sharp@alaska.gov Fax: (907) 451-2188.

Sincerely,

Mike Sharp
Environmental Program Specialist