

Monitoring Summary for PORT PROTECTION

Public water system ID#AK2121123

Population: 60

February 7, 2025

Community Water System, Ground water under the influence of surface water

	Requirement	Sample Point ID	Required Sampling Frequency	Last Sample	Next Sample
	Sanitary Survey		Every 3 years	01/16/2025	2028
DS SPRING (Facility ID:DS001)					
	COLIFORM (TCR)	SPDS001TCR	1 sample(s) monthly	12/09/2024	Monthly, according to Sample Siting Plan
	LEAD AND COPPER	SPDS001PC	5 sample(s) every 3 years	07/11/2023	2026
SPRING SOURCE (Facility ID:SP001)					
	SOC	SPSP001	1 sample(s) quarterly		2023-2025 SOC Waiver Granted
	NITRATE	SPSP001	1 sample(s) annually	04/02/2024	2025
	VOC	SPSP001	1 sample(s) annually	04/02/2024	2025
	ARSENIC - SINGLE	SPSP001	1 sample(s) per 9 year cycle		Between 2020 and 2028
	INORGANICS	SPSP001	1 sample(s) per 9 year cycle		Between 2020 and 2028
	RADIUM 226 AND 228	SPSP001	1 sample(s) per 9 year cycle	03/05/2024	Between 2026 and 2034
	TOTAL GROSS ALPHA	SPSP001	1 sample(s) per 9 year cycle	03/05/2024	Between 2026 and 2034

Compliance Schedules

Schedule/Action	Due	Comments
Install Treatment		
ENF-INSTALL DISINFECTION	09/19/2020	OVERDUE: Disinfection required for GU 6 months from determination date in March 2020. This has incurred a Type 41 violation.
ENF-INSTALL FILTRATION	09/19/2021	OVERDUE: Filtration installation required for GU 18 months from determination in March 2020. This has incurred a Type 42 violation.
Boil Water Notice		
BWN-CLOSED BWN		Long-term open Boil Water Notice
Consumer Confidence Report		
CCR - SUBMITTAL	06/30/2025	CCR due to customers and DEC by July 1, 2025
CCR - CERTIFICATION PAGE	09/30/2025	CCR Certification due to DEC by October 1, 2025
Sanitary Survey Corrective Actions		
CONSULT DEC - SIG DEFICIENCY (SW)	03/01/2025	By March 1st, 2025, please contact the Department to provide a corrective action plan for all significant deficiencies listed in the survey/Assessment response letter sent to the system on January 30th, 2025.

CORRECTIVE ACTION	05/30/2025	Failure to Treat or Operate Treatment as Appropriate (FTOA) –On or before 3/19/2020, the Department formally classified the Port Protection water system as a Ground Water Under the Direct Influence of Surface Water (GWUDISW). Under the Surface Water Treatment Rule & 18 AAC 80.600, the system was required to install filtration & disinfection treatment within 18 months of this determination. This deficiency was previously identified in the 2022 sanitary survey & remains unresolved. Please submit a corrective action plan to install appropriate filtration & disinfection treatment to the system.
CORRECTIVE ACTION	05/30/2025	Improper Drainage Around Source (DRNG) –The surveyor observed an increase in organic materials inside the spring infiltration gallery. It was also noted that changes in the terrain surrounding the spring catchment basin may be the main contributing factor for increased sediment observed within the gallery. This issue was previously identified in the 2023 Level 2 Assessment & re-identified in this survey. Please submit a corrective action plan to implement upgrades to the spring infiltration gallery & catchment system.

**NSF = No sample found

- 1) Periods are three years in length. The current period is 1/1/2023 - 12/31/2025 and the next period will be 1/1/2026 - 12/31/2028. 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://dec.alaska.gov/eh/dw/soc/>.
- 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 sample results the Drinking Water Program has record of at the time the summary is drafted (see date at top of summary). If information appears incorrect or is inconsistent with previous monitoring summaries please contact DW staff. Monitoring summaries are part of the DW Program's compliance assistance efforts to summarize requirements to help water systems stay in compliance. However, they do not cover all items that may be required of a Public Water System (PWS), nor does it supersede the regulation requirement as outlined in the Code of Federal Regulations or the Alaska Administrative Code. The PWS owner/operator is required to understand or seek assistance in understanding what regulations apply to their PWS.

Monitoring summary completed by Christina Harris, Environmental Program Specialist/ADEC. If you have any questions please contact ADEC at 907-262-3420 or 1-866-956-7656 Email: christina.harris@alaska.gov Fax: (907) 262-2294.

Sincerely,

Christina Harris
Environmental Program Specialist