

Monitoring Summary for UNALAKLEET CITY WATER SUPPLY

Public water system ID#AK2340387

Population: 757

February 17, 2025

Community Water System, Ground water

	Requirement	Sample Point ID	Required Sampling Frequency	Last Sample	Next Sample
	Sanitary Survey		Every 3 years	10/03/2023	2026
5 WELL FIELD COMBINED HEADER (Facility ID:CH001)					
	SOC	SPCH001			Submit New (Initial) SOC waiver application by September 30, 2027
DS DISTRIBUTION (Facility ID:DS001)					
	LEAD AND COPPER	SPDS001PC	2 consecutive 6 month sets, 20 sample(s) per set	07/30/2024	This year January - June & July - December
	COLIFORM (TCR)	SPDS001TCR	1 sample(s) monthly	01/28/2025	Monthly, according to Sample Siting Plan
	TTHM & HAA5 (DBP2)	SPDS1DBP2-1	1 sample(s) quarterly	11/13/2024	See stage 2 sampling detail information below
UNALAKLEET TP001 (Facility ID:TP001)					
	URANIUM	SPTP001	4 Consecutive Quarterly Samples	12/26/2007	Collect four consecutive quarters for composite analysis.
	GROSS ALPHA	SPTP001	4 Consecutive Quarterly Samples	08/28/2012	Collect four consecutive quarters for composite analysis.
	RADIUM 226 AND 228	SPTP001	4 Consecutive Quarterly Samples	08/28/2012	Collect four consecutive quarters for composite analysis.
	VOC	SPTP001	1 sample(s) quarterly	04/17/2024	Quarterly in 2025
	NITRATE	SPTP001	1 sample(s) annually	04/17/2024	2025
	ARSENIC - SINGLE	SPTP001	1 sample(s) per 3 year period	05/09/2011	2025
	INORGANICS	SPTP001	1 sample(s) per 3 year period	04/17/2012	2025

Stage 2 Sampling Detail Information - Sample frequency listed in requirements above

Contaminant	Sample Pt. ID	Location	Sample Count	Sample Dates
DBP2	SPDS1DBP2-1	END OF HAPPY VALLEY LOOP	1	February, May, August, and November

Operator Report

Requirement	Location	Sampling Frequency	Last Report	
CHLORINE	Distribution System	Same time/place as routine TCR sample	12/01/2024	Test and record daily. Send reports to ADEC on the last day of the month (before the 10th day of the following month).
CHLORINE	Entry Point	1 sample daily (maintain residual ≥ 0.2 mg/L, < 4 mg/L)	12/01/2024	

Compliance Schedules		
Schedule/Action	Due	Comments
LCRR		
SUBMIT LSLI CERTIFICATION	02/17/2025	1/17/25 sent reminder email to water system with LSLI for review and certification. Requested return of signed certification by 2/17/25 (or to let us know if corrections are needed).
Sanitary Survey Corrective Actions		
CORRECTIVE ACTION	03/31/2025	Water storage tank emergency bypass was connected during the survey. The spool for the bypass must be removed when not in use. The Drinking Water Program must be notified if the bypass is used. Signage should be posted to indicate that the bypass is for emergency use only and that it must be disconnected when not in use.
CORRECTIVE ACTION	03/31/2025	Soda ash was not being added during the survey. As a corrosion control measure, soda ash must be injected in accordance with the approved design. System received interim approval to operate their new WTP on 1/21/25. They have the soda ash system in place but may not need pH adjustment. Waiting on more information from CRW and approval from DEC on final decision.
CORRECTIVE ACTION	06/30/2025	Storage tank access hatch curb was badly rusted and had openings to the atmosphere. The curb must be repaired such that the hatch creates a watertight seal on the curb. The hatch must be kept locked.
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

**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 Jennifer Roberts, Environmental Program Specialist/ADEC. If you have any questions please contact ADEC at 907-451-2137 or 1-866-770-2137 Email: jenny.roberts@alaska.gov Fax: (907) 451-2188.

Sincerely,

Jennifer Roberts
Environmental Program Specialist