

Monitoring Summary for KALTAG PUBLIC WATER SYSTEM

Public water system ID#AK2360141

Population: 214

February 18, 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	08/30/2023	2026
DS KALTAG CREEK WELL (Facility ID:DS001)				
COLIFORM (TCR)	SPDS001TCR	1 sample(s) monthly	01/30/2025	Monthly, according to Sample Siting Plan
LEAD AND COPPER	SPDS001PC	5 sample(s) every 3 years	08/15/2022	This Year, Between June and September
TTHM & HAA5 (DBP2)	SPDS1DBP2-1	1 sample(s) annually	12/30/2024	See stage 2 sampling detail information below
TP FOR KALTAG CREEK WELL (Facility ID:TP001)				
SOC	SPTP001			2023-2025 SOC Waiver Application Received & Under Review
VOC	SPTP001	1 sample(s) annually	12/30/2024	2025
NITRATE	SPTP001	1 sample(s) annually	01/29/2025	2026
RADIUM 226 AND 228	SPTP001	1 sample(s) per 9 year cycle	03/27/2008	2025
TOTAL GROSS ALPHA	SPTP001	1 sample(s) per 9 year cycle	03/27/2008	2025
ARSENIC - SINGLE	SPTP001	1 sample(s) per 9 year cycle	12/06/2023	Between 2029 and 2037
INORGANICS	SPTP001	1 sample(s) per 9 year cycle	12/06/2023	Between 2029 and 2037

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

Contaminant	Sample Pt. ID	Location	Sample Count	Sample Dates
DBP2	SPDS1DBP2-1	LOOP B RETURN LINE	1	December 2025

Operator Report

Requirement	Location	Sampling Frequency	Last Report	
TURBIDITY	After Filters	1 sample daily, when filtering water	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	Distribution System	Same time/place as routine TCR sample	01/01/2025	
CHLORINE	Entry Point	1 sample daily (maintain residual ≥ 0.2 mg/L when filtering)	12/01/2024	

Compliance Schedules

Schedule/Action	Due	Comments
LCRR		
SUBMIT LEAD SERVICE LINE INVENTORY	10/16/2024	DEC is completing the LSL Inventory.

Sanitary Survey Corrective Actions

CORRECTIVE ACTION	06/30/2025	The survey noted that testing equipment was not calibrated with primary standards that followed manufacturer's recommendations as to frequency and method. The system needs to operate all equipment as recommended by the manufacturer, which includes but it not limited to calibrating equipment when applicable with primary standards. The system ordered a new turbidimeter but it's not communicating with the old Smart controller. There is a WTP upgrade project underway that dependent on funding, the system will try to include this deficiency in.
CORRECTIVE ACTION	06/30/2025	Photos provided with the survey show that the well cap that sits on WL001 is broken in several places and missing bolts that hold the cap together, and the well sealed. The system needs to replace the cap with another well cap or sanitary seal, as well as install all appropriate hardware, to keep the well free from contaminants. There is a WTP upgrade project underway that dependent on funding, the system will try to include this deficiency in.

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

Public Notice Schedules

PN Action	PN Due	Certification Due	Comments
PN-TIER 2 PUBLIC NOTICE REQUIRED	03/05/2025	03/15/2025	Tier 2 public notice required for Entry Point chlorine treatment technique violation in December.

**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