

# Monitoring Summary for KIANA WATER SYSTEM

Public water system ID#AK2340230

Population: 455

March 13, 2025

Community Water System, Ground water

	Requirement	Sample Point ID	Required Sampling Frequency	Last Sample	Next Sample
	Sanitary Survey		Every 3 years	10/16/2024	2027
DS KIANA WATER SYSTEM (Facility ID:DS001)					
	COLIFORM (TCR)	SPDS001TCR	1 sample(s) monthly	01/29/2025	Monthly, according to Sample Siting Plan
	LEAD AND COPPER	SPDS001PC	5 sample(s) every 3 years	06/20/2019	Overdue; Collect ASAP
	TTHM & HAA5 (DBP2)	SPDS1DBP2-1	1 sample(s) every 3 years	01/09/2023	See stage 2 sampling detail information below
TP FOR KIANA WATER SYSTEM (Facility ID:TP001)					
	SOC	SPTP001	1 sample(s) quarterly	05/19/2004	2023-2025 SOC Waiver Granted
	NITRATE	SPTP001	1 sample(s) annually	03/04/2024	2025
	VOC	SPTP001	1 sample(s) per 3 year period	07/06/2020	2025
	ARSENIC - SINGLE	SPTP001	1 sample(s) per 9 year cycle	09/16/2013	Between 2020 and 2028
	INORGANICS	SPTP001	1 sample(s) per 9 year cycle	03/11/2014	Between 2020 and 2028
	RADIUM 226 AND 228	SPTP001	1 sample(s) per 9 year cycle	03/04/2024	Between 2026 and 2034
	TOTAL GROSS ALPHA	SPTP001	1 sample(s) per 9 year cycle	03/04/2024	Between 2026 and 2034

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

Contaminant	Sample Pt. ID	Location	Sample Count	Sample Dates
DBP2	SPDS1DBP2-1	WTP OFFICE SINK	1	2026

## Operator Report

Requirement	Location	Sampling Frequency	Last Report
CHLORINE	Distribution System	Same time/place as routine TCR sample	

## Compliance Schedules

Schedule/Action	Due	Comments
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## 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 (GW)	02/06/2025	OVERDUE: Please consult with DEC.
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CORRECTIVE ACTIONS	05/07/2025	Significant deterioration to the tank's foundation can place the tank at risk of failure and create a potential pathway for contamination of the potable water supply. The Drinking Water Program understands there is a project in the design phase with ANTHC to replace the tank and foundation. A proposed timeline of completion for the project must be submitted to the Drinking Water Program.
CORRECTIVE ACTIONS	05/07/2025	The raw water flushing hose near the Upper well is not capped, and the end of the hose sits on the floor of the well house, which poses threat of a cross-connection to the potable water supply. The hose needs to be capped or it must be disconnected when the system is not flushing and the end of the raw water line capped. Also note that the system needs to maintain an adequate airgap where the hose discharges to waste during flushing events.
CORRECTIVE ACTIONS	05/07/2025	The unused well near the Lower well is not properly sealed as required by drinking water regulation 18 AAC 80.015. There is a gap between the cap and the top of casing, and the hole where electrical conduit is meant to penetrate the cap is open. This was also noted in the 2021 sanitary survey. The holes in the cap need to be sealed or a new cap installed. If there are no plans to use this well, it is recommended it be decommissioned. Best management practices for maintaining or decommissioning wells can be found online at: <a href="https://dec.alaska.gov/eh/dw.aspx">https://dec.alaska.gov/eh/dw.aspx</a>

\*\*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](mailto: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 Gretchen Keim, Environmental Program Specialist/ADEC. If you have any questions please contact ADEC at 907-451-2231 or 1-800-770-2137 Email: [gretchen.keim@alaska.gov](mailto:gretchen.keim@alaska.gov) Fax: 907-451-2188.

Sincerely,

Gretchen Keim

