

# Monitoring Summary for AKHIOK

Public water system ID#AK2250037

Population: 90

March 4, 2024

Community Water System, Surface water

Requirement	Sample Point ID	Required Sampling Frequency	Last Sample	Next Sample
Sanitary Survey		Every 3 years	11/02/2022	2025
<b>DS AKHIOK (Facility ID:DS001)</b>				
COLIFORM (TCR)	SPDS001TCR	1 sample(s) monthly	01/23/2024	Overdue; Collect ASAP
LEAD AND COPPER	SPDS001PC	5 sample(s) every 3 years	06/09/2022	2025
HAA5 (HALOACETIC)	-See below-	1 sample(s) annually	11/03/2022	See stage 2 sampling detail information below
TOTAL TRIHALOMETHANE	-See below-	1 sample(s) annually	11/03/2022	See stage 2 sampling detail information below
<b>TP AKHIOK MODULAR TREATMENT PLANT (Facility ID:TP002)</b>				
SOC	SPTP002	1 sample(s) quarterly	03/24/2016	Submit SOC waiver renewal application by Sept 30, 2024
VOC	SPTP002	1 sample(s) annually	11/03/2022	Overdue; Collect ASAP
NITRATE	SPTP002	1 sample(s) annually	12/19/2022	Overdue; Collect ASAP
RADIUM 226 AND 228	SPTP002	1 sample(s) per 9 year cycle	08/21/2018	Between 2026 and 2034
TOTAL GROSS ALPHA	SPTP002	1 sample(s) per 9 year cycle	08/21/2018	Between 2026 and 2034
ARSENIC - SINGLE	SPTP002	1 sample(s) per 9 year cycle	12/19/2022	Between 2029 and 2037
INORGANICS	SPTP002	1 sample(s) per 9 year cycle	12/19/2022	Between 2029 and 2037

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

Contaminant	Sample Pt. ID	Location	Sample Count	Sample Dates
TTHM	SPDS1DBP2-1	ROLAND'S HOUSE/EOD	1	July 2024
HAA5	SPDS1DBP2-2	CITY OFFICE BATH SINK	1	August 2024

## Operator Report

Requirement	Location	Sampling Frequency	Last Report	
TURBIDITY	After Filters	6 samples 31 days per month	06/01/2023	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	01/23/2024	
CHLORINE	Entry Point	1 samples 31 days per month	06/01/2023	

## Compliance Schedules

Schedule/Action	Due	Comments
<b>LCRR</b>		
SUBMIT DRAFT LSL INVENTORY	04/24/2024	Submit Draft of Lead Service Line Inventory. For more information visit DW LCRR website <a href="https://dec.alaska.gov/eh/dw/lcrr/">https://dec.alaska.gov/eh/dw/lcrr/</a>
SUBMIT LEAD SERVICE LINE INVENTORY	10/16/2024	

LCNT		
LCR- CONSUMER NOTICE DUE TO CONSUMER	12/29/2022	OVERDUE- Deliver Lead Consumer Notices for 2022 samples to consumers.
LCR- CONSUMER NOTICE CERT. DUE TO STATE	02/27/2023	OVERDUE- Submit signed and dated Lead Consumer Notices to DEC to confirm delivery to consumers.
Consumer Confidence Report		
CCR - CERTIFICATION PAGE	09/30/2023	OVERDUE- Submit the 2022 Consumer Confidence Report certification page to DEC.
Consumer Confidence Report		
CCR - SUBMITTAL	06/30/2024	Submit the 2023 Consumer Confidence Report to consumers and DEC.
CCR - CERTIFICATION PAGE	09/30/2024	Submit the 2023 Consumer Confidence Report certification page to DEC.
Sanitary Survey Corrective Actions		
CORRECTIVE ACTION	06/12/2024	The surveyor noted several drain lines that have inadequate airgaps: the instrument panel, the filter to wastewater backwash line, and the lab sink. The system needs to ensure the drain lines have an airgap two times the diameter of the lines. The system has until the corrective action date listed to fix this significant deficiency and provide a written statement and photos to the department.

\*\*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 Jordan Ebert, Environmental Program Specialist/ADEC. If you have any questions please contact ADEC at 907-269-3068 or Email: [jordan.ebert@alaska.gov](mailto:jordan.ebert@alaska.gov) Fax: 907-269-7650.

Sincerely,

Jordan Ebert  
Environmental Program Specialist