

Monitoring Summary for SHAKTOOLIK WATER SYSTEM

Public water system ID#AK2340442

Population: 270

March 18, 2025

Community Water System, Surface water

	Requirement	Sample Point ID	Required Sampling Frequency	Last Sample	Next Sample
	Sanitary Survey		Every 3 years	11/15/2022	2025
DS SHAKTOOLIK COMMUNITY (Facility ID:DS001)					
	COLIFORM (TCR)	SPDS001TCR	1 sample(s) monthly	01/08/2025	Monthly, according to Sample Siting Plan
	TTHM & HAA5 (DBP2)	SPDS1DPB2-1	1 sample(s) quarterly	07/08/2024	See stage 2 sampling detail information below
	LEAD AND COPPER	SPDS001PC	5 sample(s) every 3 years	06/27/2022	This Year, Between June and September
DIRECT FILTRATION (Facility ID:TP002)					
	SOC	SPTP002			2023-2025 SOC Waiver Granted
	NITRATE	SPTP002	1 sample(s) annually	05/29/2024	2025 sample must arrive to lab on ice
	VOC	SPTP002	1 sample(s) annually	05/29/2024	2025
	ARSENIC - SINGLE	SPTP002	1 sample(s) per 9 year cycle	03/30/2011	Between 2020 and 2028
	INORGANICS	SPTP002	1 sample(s) per 9 year cycle	03/30/2011	Between 2020 and 2028
	RADIUM 226 AND 228	SPTP002	1 sample(s) per 9 year cycle	10/19/2016	2025
	TOTAL GROSS ALPHA	SPTP002	1 sample(s) per 9 year cycle	10/19/2016	2025

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

Contaminant	Sample Pt. ID	Location	Sample Count	Sample Dates
DBP2	SPDS1DPB2-1	IRA BUILDING	1	January, April, July, and October

Operator Report

Requirement	Location	Sampling Frequency	Last Report	
TURBIDITY	After Filters	Continuous monitoring; Report 1 sample every 4 hours, on the hour, when filtering	01/01/2025	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, < 4 mg/L)	01/01/2025	

Compliance Schedules

Schedule/Action	Due	Comments
LCRR		
SUBMIT LSLI CERTIFICATION	02/25/2025	OVERDUE: Inventory sent to community for review (10/15/2024). Cert must still be completed.

Sanitary Survey Corrective Actions

CORRECTIVE ACTION	05/23/2023	OVERDUE: Turbidimeters must be calibrated every three months following manufacturer recommendations using proper calibration standards. The operator must receive proper training and supplies so the turbidimeters can be routinely calibrated.
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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

Public Notice Schedules

PN Action	PN Due	Certification Due	Comments
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**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 Mike Sharp, Environmental Program Specialist/ADEC. If you have any questions please contact ADEC at 907-451-2178 or 1-800-770-2137 Email: mike.sharp@alaska.gov Fax: (907) 451-2188.

Sincerely,

Mike Sharp
Environmental Program Specialist