

Monitoring Summary for SHISHMAREF WATER SYSTEM

Public water system ID#AK2340484

Population: 572

March 6, 2025

Community Water System, Surface water

	Requirement	Sample Point ID	Required Sampling Frequency	Last Sample	Next Sample
	Sanitary Survey		Every 3 years	08/31/2023	2026
DS SHISHMAREF (Facility ID:DS001)					
	COLIFORM (TCR)	SPDS001TCR	1 sample(s) monthly	01/29/2025	Monthly, according to Sample Siting Plan
	HAA5 (HALOACETIC)	SPDS1DBP2-H	1 sample(s) quarterly	12/16/2024	See stage 2 sampling detail information below
	TOTAL TRIHALOMETHANE	SPDS1DBP2-T	1 sample(s) quarterly	12/31/2024	See stage 2 sampling detail information below
	LEAD AND COPPER	SPDS001PC	10 sample(s) every 3 years	04/25/2023	2026
TP 2007 DIRECT FILTRATION WTP (Facility ID:TP001)					
	SOC	SPTP001			2023-2025 SOC Waiver Granted
	NITRATE	SPTP001	1 sample(s) annually	07/09/2024	2025
	VOC	SPTP001	1 sample(s) annually	07/09/2024	2025
	ARSENIC - SINGLE	SPTP001	1 sample(s) per 9 year cycle	02/01/2012	Between 2020 and 2028
	RADIUM 226 AND 228	SPTP001	1 sample(s) per 9 year cycle	12/13/2016	2025
	TOTAL GROSS ALPHA	SPTP001	1 sample(s) per 9 year cycle	12/13/2016	2025
	INORGANICS	SPTP001	1 sample(s) per 9 year cycle	09/18/2019	Between 2020 and 2028

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

Contaminant	Sample Pt. ID	Location	Sample Count	Sample Dates
HAA5	SPDS1DBP2-H	CLINIC	1	March, June, September, and December
TTHM	SPDS1DBP2-T	WASHETERIA/ MENS BATH	1	March, June, September, and December

Operator Report

Requirement	Location	Sampling Frequency	Last Report	
TURBIDITY	After Filters	Continuous monitoring; Report 1 sample every 4 hours, on the hour, when filtering	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	2 samples daily (maintain residual ≥ 0.2 mg/L when filtering)	12/01/2024	

Compliance Schedules

Schedule/Action	Due	Comments
LCRR		
SUBMIT LSLI CERTIFICATION	02/04/2024	OVERDUE-LSLI draft was completed by DEC and sent to PWS for review. Certification due back by 2/4/2024

Sanitary Survey Corrective Actions

CORRECTIVE ACTION	06/30/2025	Backflow preventers were missing from the following locations: a. The raw water sample tap had a hose connected to it. The hose must be disconnected or an AVB must be added to the tap. b. Hose bibbs in distribution are missing backflow prevention. AVBs must be added to all hose bibbs. c. The fire hose connection point did not have a backflow preventer. An appropriate backflow preventer must be attached to the connection points.
CORRECTIVE ACTION	06/30/2025	A single walled heat exchanger is installed on the heat add loop for the 300,000-gallon storage tank. This heat exchanger must be replaced with a double walled model.
CORRECTIVE ACTION	06/30/2025	The 300,000-gallon storage tank was inaccessible to the surveyor. The vent must be screened, and the hatch must be watertight and locked, and photo documentation must be sent to DEC.

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