

# Monitoring Summary for BREVIG MISSION WATER SYSTEM

Public water system ID#AK2340418

Population: 395

February 9, 2024

Community Water System, Ground water

Requirement	Sample Point ID	Required Sampling Frequency	Last Sample	Next Sample
Sanitary Survey		Every 3 years	09/14/2022	2025
<b>DS BREVIG MISSION WATER SYSTEM (Facility ID:DS001)</b>				
COLIFORM (TCR)	SPDS001TCR	1 sample(s) monthly	12/15/2023	Monthly, according to Sample Siting Plan
LEAD AND COPPER	SPDS001PC	5 sample(s) every 3 years	12/18/2023	2026
TTHM & HAA5 (DBP2)	SPDS1DBP2-1	1 sample(s) every 3 years	11/07/2023	See stage 2 sampling detail information below
<b>TP FOR BREVIG MISSION WATER SYSTEM (Facility ID:TP001)</b>				
SOC	SPTP001		10/11/1988	Submit SOC waiver renewal application by Sept 30, 2024
NITRATE	SPTP001	1 sample(s) annually	09/11/2023	2024 sample must arrive to lab on ice
VOC	SPTP001	1 sample(s) per 3 year period	06/14/2021	Between 2023 and 2025
RADIUM 226 AND 228	SPTP001	1 sample(s) per 9 year cycle	09/20/2016	Between 2017 and 2025
TOTAL GROSS ALPHA	SPTP001	1 sample(s) per 9 year cycle	09/20/2016	Between 2017 and 2025
INORGANICS	SPTP001	1 sample(s) per 9 year cycle	08/28/2018	Between 2020 and 2028
ARSENIC - SINGLE	SPTP001	1 sample(s) per 9 year cycle	11/07/2023	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 WTP	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
<b>LCRR</b>		
SUBMIT LSLI CERTIFICATION	02/09/2024	Draft LSLI completed by Feyne Evans 1/10/2024 via portal. Sent to system for review. Cert form due back 2/9/2024 (FE)
COMPLETE INITIAL LSL INVENTORY	10/16/2024	

## Sanitary Survey Corrective Actions

CORRECTIVE ACTIONS	09/30/2023	OVERDUE- Funding still unavailable to resolve. The vent on WL003 is not properly screened. The vent screen is attached to the well cap gasket, which was removed at the time of the survey. The vent screen and gasket must be replaced on the well cap.
CORRECTIVE ACTIONS	09/30/2023	OVERDUE-Funding still unavailable to resolve. Ground movement surrounding WL002 has produced a significant gap between the well casing and the ground. The gap does not allow for proper drainage away from the well. This gap must be filled with a low permeability material, such as bentonite chips, and the ground grading must be improved to slope away from the well head for 10 feet in all directions.
CORRECTIVE ACTIONS	09/30/2023	OVERDUE- Funding still unavailable to resolve. The handheld colorimeter and turbidimeter have not been calibrated. The standards and solutions required for calibrating the colorimeter must be acquired and the colorimeter must be calibrated according to the manufacturer's recommendations for frequency and method. If the system used the turbidimeter, it's recommended the unit also be properly calibrated. Turbidity is not required to be monitored, as this is a groundwater system.

## Consumer Confidence Report

CCR - SUBMITTAL	06/30/2024	
CCR - CERTIFICATION PAGE	09/30/2024	

\*\*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 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](mailto:jenny.roberts@alaska.gov) Fax: (907) 451-2188.

Sincerely,

Jennifer Roberts  
Environmental Program Specialist