

Monitoring Summary for BEAVER WATER SYSTEM

Public water system ID#AK2360230

Population: 80

February 14, 2024

Community Water System, Ground water

Requirement	Sample Point ID	Required Sampling Frequency	Last Sample	Next Sample
Sanitary Survey		Every 3 years	07/30/2020	Overdue Survey; Schedule ASAP
DS BEAVER WATER SYSTEM (Facility ID:DS001)				
COLIFORM (TCR)	SPDS001TCR	1 sample(s) monthly	12/04/2023	Monthly, according to Sample Siting Plan
LEAD AND COPPER	SPDS001PC	2 consecutive 6 month sets, 5 sample(s) per set	11/22/2022	Overdue; Collect ASAP
TTHM & HAA5 (DBP2)	SPDS1DBP2-1	1 sample(s) every 3 years	08/11/2020	See stage 2 sampling detail information below
TP FOR BEAVER WATER SYSTEM (Facility ID:TP001)				
SOC	SPTP001			Submit SOC waiver renewal application by Sept 30, 2024
NITRATE	SPTP001	1 sample(s) annually	01/31/2023	2024 sample must arrive to lab on ice
VOC	SPTP001	1 sample(s) per 3 year period	01/31/2023	Between 2026 and 2028
ARSENIC - SINGLE	SPTP001	1 sample(s) per 9 year cycle	09/23/2013	Between 2020 and 2028
INORGANICS	SPTP001	1 sample(s) per 9 year cycle	09/17/2018	Between 2020 and 2028
RADIUM 226 AND 228	SPTP001	1 sample(s) per 9 year cycle	01/31/2023	Between 2026 and 2034
TOTAL GROSS ALPHA	SPTP001	1 sample(s) per 9 year cycle	01/31/2023	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 BOILER ROOM	1	July - September 2024

Operator Report

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

Compliance Schedules		
Schedule/Action	Due	Comments
Lead/Copper Exceedance Schedule		
PBCU EXC SCHED - WQP TESTING	12/31/2022	Past Due - WQP Testing required following lead exceedance in 2022.
PBCU EXC SCHED - SOU WATER TESTING	06/30/2023	Past Due - One lead and copper sample must be taken at each entry point to the distribution to determine how much lead and copper is coming from the water source.
PBCU EXC SCHED – REPLACEMNT FLWUP SAMPL	06/30/2024	Beaver performed fixture replacement as alternative activity to corrosion control - Follow-up first draw lead/copper sampling required following replacement.
PBCU EXC SCHED - TT REC/DESK TOP STUDY	12/31/2024	If faucet replacement follow-up sampling is not successful, must submit optimal corrosion control treatment recommendation.
LCRR		
SUBMIT LSLI CERTIFICATION	12/16/2023	OVERDUE: Lead Service Line Inventory draft completed 6/20/2023 by Feyne Evans and sent to PWS for review 11/16/2023. Certification due back 12/16/2023.
COMPLETE INITIAL LSL INVENTORY	10/16/2024	
Consumer Confidence Report		
CCR - SUBMITTAL	06/30/2024	
CCR - CERTIFICATION PAGE	09/30/2024	
Boil Water Notice		
BWN-CLOSED BWN		System was placed on a boil water notice on 1/22/2024 due to a frozen outlet from the holding tank that resulted in pressure loss below 20 psi.

**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