

Monitoring Summary for MOUNTAIN VILLAGE WATER SYSTEM

Public water system ID#AK2270150

Population: 850

August 16, 2024

Community Water System, Ground water

Requirement	Sample Point ID	Required Sampling Frequency	Last Sample	Next Sample
Sanitary Survey		Every 3 years	09/06/2022	2025
DISTRIBUTION SYSTEM LOWER LOOP (Facility ID:DS001)				
COLIFORM (TCR)	SPDS001TCR	2 sample(s) monthly	08/07/2024	Monthly, according to Sample Siting Plan
LEAD AND COPPER	SPDS001PC	10 sample(s) every 3 years	02/18/2021	2024 (Submit materials evaluation & Sampling pool selection prior to sampling)
TTHM & HAA5 (DBP2)	SPDS1DBP2-1	1 sample(s) annually	12/13/2022	See stage 2 sampling detail information below
WELL 6 & LOWER LOOP CANNERY (Facility ID:TP002)				
SOC	SPTP002	1 sample(s) quarterly		Submit SOC waiver renewal application by Sept 30, 2024
NITRATE	SPTP002	1 sample(s) annually	06/10/2024	2025
VOC	SPTP002	1 sample(s) per 3 year period	06/16/2021	Between 2023 and 2025
RADIUM 226 AND 228	SPTP002	1 sample(s) per 9 year cycle	11/09/2017	Between 2026 and 2034
TOTAL GROSS ALPHA	SPTP002	1 sample(s) per 9 year cycle	11/09/2017	Between 2026 and 2034
ARSENIC - SINGLE	SPTP002	1 sample(s) per 9 year cycle	12/03/2019	Between 2020 and 2028
INORGANICS	SPTP002	1 sample(s) per 9 year cycle	06/10/2024	Between 2020 and 2028
TP UPPER LOOP '85 WELL (Facility ID:TP004)				
SOC	SPTP004	1 sample(s) quarterly		Submit SOC waiver renewal application by Sept 30, 2024
NITRATE	SPTP004	1 sample(s) annually	06/10/2024	2025
VOC	SPTP004	1 sample(s) per 3 year period	12/23/2020	Between 2023 and 2025
RADIUM 226 AND 228	SPTP004	1 sample(s) per 9 year cycle	12/26/2013	Between 2017 and 2025
TOTAL GROSS ALPHA	SPTP004	1 sample(s) per 9 year cycle	09/10/2018	Between 2026 and 2034
ARSENIC - SINGLE	SPTP004	1 sample(s) per 9 year cycle	12/03/2019	Between 2020 and 2028
INORGANICS	SPTP004	1 sample(s) per 9 year cycle	06/10/2024	Between 2020 and 2028

	Requirement	Sample Point ID	Required Sampling Frequency	Last Sample	Next Sample
TP WELL#2 UPPER LOOP 2014 (Facility ID:TP005)					
	SOC	SPTP005	1 sample(s) quarterly		Submit SOC waiver renewal application by Sept 30, 2024
	ARSENIC - SINGLE	SPTP005	1 sample(s) quarterly	06/10/2024	Quarterly, for four consecutive quarters
	NITRATE	SPTP005	1 sample(s) annually	06/10/2024	2025
	VOC	SPTP005	1 sample(s) per 3 year period	06/16/2021	Between 2023 and 2025
	INORGANICS	SPTP005	1 sample(s) per 3 year period	06/10/2024	Between 2023 and 2025
	RADIUM 226 AND 228	SPTP005	1 sample(s) per 9 year cycle	11/09/2017	Between 2026 and 2034
	TOTAL GROSS ALPHA	SPTP005	1 sample(s) per 9 year cycle	11/09/2017	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	LOWER LOOP/MID PUMP	1	October - December 2024

Operator Report

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

Compliance Schedules

Schedule/Action	Due	Comments
LCRR		
SUBMIT LSLI CERTIFICATION		
SUBMIT DRAFT LSL INVENTORY	04/24/2024	Submit Draft of Lead Service Line Inventory for more information visit DW LCRR website https://dec.alaska.gov/eh/dw/lcrr/
COMPLETE INITIAL LSL INVENTORY	10/16/2024	

Boil Water Notice

BWN-CLOSED BWN		BWN to remain open until ongoing pressure issues in Lower Loop are resolved.
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Sanitary Survey Corrective Actions

CORRECTIVE ACTIONS	11/09/2023	Lower loop was experiencing pressure below 20 psi at the time of the survey. Cause of pressure loss must be resolved.
CORRECTIVE ACTIONS	11/09/2023	There are gaps in the sanitary seals of the 1985 Well (WL004), Well #2 (WL005), and the 2003 Well (WL002). The sanitary seals for these wells must be replaced.
CORRECTIVE ACTIONS	11/09/2023	There is no raw water sample tap on Well #6/Lower Loop Cannery 2014 (WL006). A sample tap must be installed prior to the common header and any treatment.
CORRECTIVE ACTIONS	11/09/2023	The system water haul point has a hose and solenoid which are not NSF-approved, and has no backflow prevention device. Both of the non-NSF components must be replaced with NSF-certified materials, and a vacuum breaker or other backflow prevention device must be installed.
CORRECTIVE ACTIONS	11/09/2023	The overflow line for the Upper Loop 85 storage tank must be between 12-24 inches above the ground, turned downward, and screened.
CORRECTIVE ACTIONS	11/09/2023	There is staining on the walls and visible silt on the floor of the Upper Loop 85 storage tank which must be cleaned.
CORRECTIVE ACTIONS	11/09/2023	The inactive High School Well (WL003) is no longer used and has not been decommissioned. It must have its sanitary seal replaced, and wiring removed to ensure a complete seal, or be decommissioned.

Consumer Confidence Report

CCR - CERTIFICATION PAGE	09/30/2024	Certification page for CCR due back to DEC by September 30, 2024.
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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 Monica Ague, Environmental Program Specialist/ADEC. If you have any questions please contact ADEC at (907) 269-7653 or 1-866-9567656 Email: monica.ague@alaska.gov Fax: (907) 2697650.

Sincerely,

Monica Ague
Environmental Program Specialist